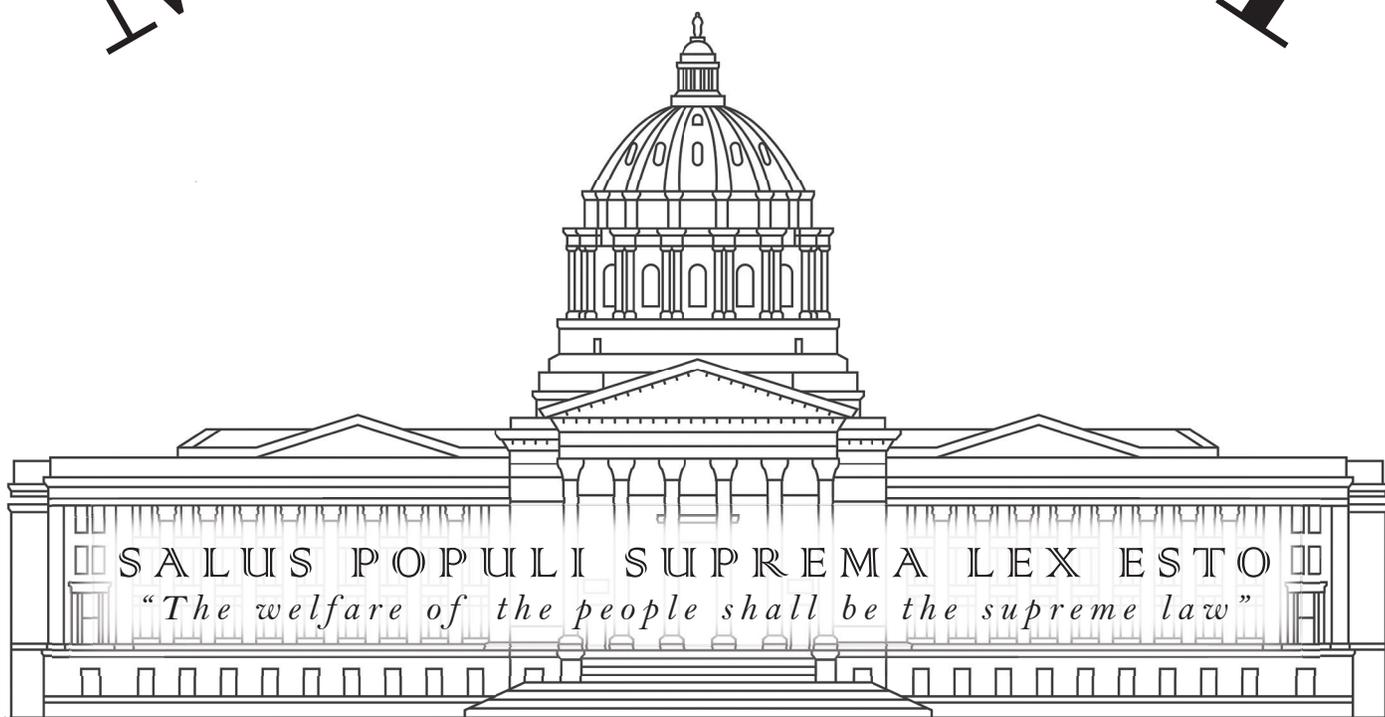


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MISSOURI



REGISTER

John R. Ashcroft  Secretary of State

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Documents will be accepted for filing on all regular workdays from 8:00 a.m. until 5:00 p.m. We encourage early filings to facilitate the timely publication of the *Missouri Register*. Orders of Rulemaking appearing in the *Missouri Register* will be published in the *Code of State Regulations* and become effective as listed in the chart above. Advance notice of large volume filings will facilitate their timely publication. We reserve the right to change the schedule due to special circumstances. Please check the latest publication to verify that no changes have been made in this schedule. To review the entire year's schedule, please see the website at sos.mo.gov/adrules/pubsched.

HOW TO CITE RULES AND RSMO

RULES

The rules are codified in the *Code of State Regulations* in this system—

Title	CSR	Division	Chapter	Rule
3 Department	<i>Code of State Regulations</i>	10- Agency division	4 General area regulated	115 Specific area regulated

and should be cited in this manner: 3 CSR 10-4.115.

Each department of state government is assigned a title. Each agency or division in the department is assigned a division number. The agency then groups its rules into general subject matter areas called chapters and specific areas called rules. Within a rule, the first breakdown is called a section and is designated as (1). Subsection is (A) with further breakdown into paragraphs 1., subparagraphs A., parts (I), subparts (a), items I. and subitems a.

The rule is properly cited by using the full citation; for example, 3 CSR 10-4.115, NOT Rule 10-4.115.

Citations of RSMo are to the *Missouri Revised Statutes* as of the date indicated.

Code and Register on the Internet

The *Code of State Regulations* and *Missouri Register* are available on the Internet.

The *Code* address is sos.mo.gov/adrules/csr/csr

The *Register* address is sos.mo.gov/adrules/moreg/moreg

These websites contain rulemakings and regulations as they appear in the *Code* and *Registers*.

Rules appearing under this heading are filed under the authority granted by section 536.025, RSMo. An emergency rule may be adopted by an agency if the agency finds that an immediate danger to the public health, safety, or welfare, or a compelling governmental interest requires emergency action; follows procedures best calculated to assure fairness to all interested persons and parties under the circumstances; follows procedures which comply with the protections extended by the Missouri and the United States Constitutions; limits the scope of such rule to the circumstances creating an emergency and requiring emergency procedure, and at the time of or prior to the adoption of such rule files with the secretary of state the text of the rule together with the specific facts, reasons, and findings which support its conclusion that there is an immediate danger to the public health, safety, or welfare which can be met only through the adoption of such rule and its reasons for concluding that the procedure employed is fair to all interested persons and parties under the circumstances.

Rules filed as emergency rules may be effective not less than ten (10) business days after filing or at such later date as may be specified in the rule and may be terminated at any time by the state agency by filing an order with the secretary of state fixing the date of such termination, which order shall be published by the secretary of state in the Missouri Register as soon as practicable.

All emergency rules must state the period during which they are in effect, and in no case can they be in effect more than one hundred eighty (180) calendar days or thirty (30) legislative days, whichever period is longer. Emergency rules are not renewable, although an agency may at any time adopt an identical rule under the normal rulemaking procedures.

Amendment Text Reminder:

Boldface text indicates new matter.

[Bracketed text indicates matter being deleted.]

The following emergency was terminated prior to becoming effective. The termination follows the emergency.

TITLE 19 – DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 10 – Office of the Director

Chapter 60 – Professional and Practical Loan and Training Programs

EMERGENCY RULE

19 CSR 10-60.060 Health Professional Loan Repayment Program

PURPOSE: This rule establishes guidelines for implementing the Health Professional Loan Repayment Program (HPLRP) that will reduce the burden of educational debt among selected health care, mental health and public health professionals in return for providing health care, mental health and public health services in areas of defined need.

PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is

incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. This material as incorporated by reference in this rule shall be maintained by the agency at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. The entire text of the rule is printed here.

EMERGENCY STATEMENT: The Department of Health and Senior Services ("DHSS") determined that this emergency rule is necessary due to the establishment of the Health Professional Loan Repayment Program under section 191.430, RSMo, paired with the funding appropriated for the administration of this program in state fiscal year 2024. It is necessary to implement an emergency regulation detailing how the Health Professional Loan Repayment Program will be administered to ensure an equitable and expedient distribution of the appropriated funds during the 2024 state fiscal year. Immediate availability of this funding opportunity to health professionals is required to protect the public health and welfare of Missouri's citizens. For these reasons, the State has a compelling governmental interest in having an emergency regulation in place allowing for the equitable distribution of the appropriated funds. The scope of this emergency rule is limited to the circumstances creating the emergency and complies with the protections extended in the Missouri and United States Constitutions. The Department of Health and Senior Services believes this emergency rule is fair to all interested persons and parties under the circumstances. This emergency rule was filed September 28, 2023, becomes effective October 13, 2023, and expires April 9, 2024.

(1) Definitions. The following definitions shall be used in the interpretation and enforcement of this rule:

(A) Area of defined need means a geographic area, population, or field of work designated by the Missouri Department of Health and Senior Services as experiencing a shortage of health care, mental health, or public health care services;

(B) Awardee means a health care, mental health, or public health professional who applied to and was selected by the Department to participate in the Health Professional Loan Repayment Program (HPLRP);

(C) Breach of written contract means failing to begin or complete service obligation, failing to submit employment verification surveys to the department annually, upon the request of the department, or within thirty (30) days of any change in employment, or failing to submit verification that awarded funds were applied to educational debt prior to the service obligation end date;

(D) Default means failure to repay any amount awarded as a loan, by the department directly to the individual who entered into the contract, which has not yet been forgiven;

(E) Department means the Missouri Department of Health and Senior Services;

(F) Director means the Director of the Missouri Department of Health and Senior Services;

(G) Forgiveness means fulfilling a service obligation through full-time qualifying employment consistent with the terms and conditions in the executed contract for a period no less than twenty-four (24) months as defined in the contract;

(H) Greatest need in the best interests of the public is defined by considering a number of factors related to the access to health care, mental health, and public health services and the professional shortages associated with the type of services provided; to determine the areas of most needed services and areas in Missouri with the greatest need, related to increasing

access to health care, mental health, or public health services. Factors to be considered are subject to availability and may include but are not limited to: census data, designated HPSAs, workforce analysis and data presented to the Director prior to selection of eligible health professional and practitioner types;

(I) Health Professional Shortage Area (HPSA) means a geographic area, population group, or facility designated by the United States Department of Health and Human Services' Health Resources and Services Administration (HRSA) with a shortage of primary care, dental health, or mental health providers and services;

(J) Health Professional Shortage Area score is a numerical representation of the shortage level of providers providing services in the HPSA, the higher the score the greater the need. The score ranges from one (1) to twenty-five (25) for Primary Care and Mental Health, and from one (1) to twenty-six (26) for Dental Health.

(K) Health care professional means a licensed provider of health care or dental health treatment and services who has graduated with an associate degree or higher associated with a health care profession. This includes, but is not limited to: advanced practice registered nurse, assistant physician, dental hygienist, dentist, physician, physician assistant, registered dietitian, registered nurse, physical therapist, occupational therapist, or respiratory therapist.

(L) Mental health professional means a licensed mental health practitioner or social and human services provider who offers services for the purpose of improving an individuals mental health or to treat mental disorders and who has graduated with an associate degree or higher associated with a mental health or health care profession. This includes, but is not limited to: applied behavior analyst, licensed clinical social worker, licensed professional counselor, psychiatric advanced practice registered nurse, psychiatric assistant physician, psychiatric nurse, psychiatric physician assistant, psychiatric social worker, psychiatrist, or psychologist;

(M) Proof of use of funds means documentation provided by the awardee to provide proof that the total funding awarded was utilized to pay on the qualifying educational debt submitted in the awardee's application;

(N) Public health professional, for the purpose of this regulation, means professionals working to analyze, develop and implement programs that protect the health of individuals, families and communities with an associate degree or higher. This includes, but is not limited to: epidemiologist, health educator, public health administrator, public health laboratorian, public health program specialist, public health service coordinator, public health nurse, public school counselor, public school nurse or social services professional;

(O) Qualifying educational debt means government and commercial loans for actual costs paid for tuition and educational costs for the applicant to obtain a degree relevant to the applicant's qualifying employment;

(P) Qualifying employment means employment in a health care, mental health, or public health field for a minimum of forty (40) hours per week in an area of need as defined by the department.

(2) The department may contract with selected health care, mental health and public health professionals to repay, in total or in part, qualifying educational debt in exchange for a two (2) year service obligation in an area of defined need, per award.

(3) Eligibility. Annually, the Director will determine the professional and practitioner types eligible to receive HPLRP loans from the department.

(A) The Director will consult with the Department of Higher Education and Workforce Development, Office of Workforce Development and Department of Mental Health; or their successor agencies.

(B) The Director will have the sole discretion to make the determination using evidence identifying the greatest needs in the interest of the public. The determination is not subject to appeal.

(C) The list of eligible professional and practitioner types will be posted on the department HPLRP web page at: <https://health.mo.gov/living/families/primarycare/hplrp/index.php>, sixty (60) days prior to the start of the application cycle.

(D) All applicants must meet the following criteria:

1. Missouri licensed, if applicable to profession;
2. A United States citizen, or authorized to work in the United States;
3. A Missouri resident;
4. Qualifying employment in a Missouri area of defined need as determined by the department;
5. Have obtained an associate degree or higher; and
6. Have qualifying educational debt.

(4) Application process. Applications will be accepted January 1, 2024 through March 1, 2024. Applications will be accepted via electronic submission to DHSS.LoanRepayment@health.mo.gov or mail to P.O. Box 570, Jefferson City, MO 65102. It is the responsibility of the applicant to verify that an application has been received timely by the department. Applications and verification instructions can be found on the HPLRP web page at: <https://health.mo.gov/living/families/primarycare/hplrp/index.php>.

(A) Applicants must submit an application that contains all of the following information and documentation presented in the order they are listed in subsection (4)(A). Applications that do not include the required documentation will not be considered. Each application request shall contain:

1. Completed and signed application;
2. Current job description, title, name and location of place of employment;
3. Proof of Missouri professional license, if applicable;
4. Proof of qualifying educational debt;
5. Proof of U.S. citizenship, or authorization to work in the United States;
6. Proof of Missouri residency; and
7. Copy of the applicant's federal tax return for most recent tax year.

(5) Selection Process. The department will allocate one-third (1/3) of the appropriated funding for each of the health professional category: one-third (1/3) for health care loan repayment awards, one-third (1/3) for mental health loan repayment awards, and one-third (1/3) for public health loan repayment awards. In the event that allocated funding from any of the health professional categories is not awarded, the funds not awarded may be split equally between the other health professional categories, if they have unfunded qualifying applicants. The department intends to fully allocate all funding in any given year provided that sufficient qualifying applications are received.

(A) Selection of health care professionals will be prioritized using the following criteria:

1. The greatest degree of need for health professional

services, utilizing a workforce shortage analysis by qualifying health professional type to population ratios and HPSA scoring if available.

2. Applicant's financial need based on the applicant's adjusted gross income and number of dependents as filed on their most recent federal tax return to determine the applicant's Federal Poverty Level (FPL) percentage. To calculate the FPL percentage, the applicant's income is divided by the federal poverty guideline for their household size, as determined annually by the federal Department of Health and Human Services (HHS), and multiplied by one hundred (100).

3. If the number of applicants exceeds the amount of appropriated funding, and there are applicants demonstrating the same need in their health professional category and equal FPL percentage, the awardee will be selected by a lottery by the department.

(B) Selection of mental health professionals will be prioritized by using the following criteria:

1. Mental health professionals working in a state or local health department, public school, or a state owned and/or operated health facility will be given priority.

2. The greatest degree of need for mental health professional services, utilizing a workforce shortage analysis by qualifying health professional type to population ratios and HPSA scoring if available.

3. Applicant's financial need based on the applicant's adjusted gross income and number of dependents as filed on their most recent Missouri tax return to determine the applicant's Federal Poverty Level (FPL) percentage. To calculate the FPL percentage, the applicant's income is divided by the federal poverty guideline for their household size and multiplied by one hundred (100). The federal poverty guidelines are defined by the Federal Office of Management and Budget under 42 U.S.C. 9902(2), as incorporated by reference above.

4. If the number of applicants exceeds the amount of appropriated funding, and there are applicants demonstrating the same need in their health professional category and equal FPL percentage, the awardee will be selected by a lottery by the department.

(C) Selection of public health professionals will be prioritized by using the following criteria:

1. Public health professionals working in a state or local health department, or public school.

2. The greatest degree of need for public health professional services, utilizing a workforce shortage analysis by qualifying health professional type to population ratios and HPSA scoring if available.

3. Applicant's financial need based on the applicant's adjusted gross income and number of dependents as filed on their most recent federal tax return to determine the applicant's Federal Poverty Level (FPL) percentage. To calculate the FPL percentage, the applicant's income is divided by the federal poverty guideline for their household size and multiplied by one hundred (100). The federal poverty guidelines are defined by the Federal Office of Management and Budget under 42 U.S.C. 9902(2), as incorporated by reference above.

4. If the number of applicants exceeds the amount of appropriated funding, and there are applicants demonstrating the same need in their health professional category and equal FPL percentage, the awardee will be selected by a lottery by the department.

(6) Awards. The department will award selected applicants as follows:

(A) Licensed health and mental health practitioners with a doctorate degree will be awarded up to sixty-five thousand dollars (\$65,000) not to exceed their qualifying educational debt.

(B) Licensed health or mental health provider with a bachelor's or master's degree will be awarded up to thirty-five thousand dollars (\$35,000) not to exceed their qualifying educational debt.

(C) Public health professional with a bachelor's degree or higher will be awarded up to twenty thousand dollars (\$20,000) not to exceed their qualifying educational debt.

(D) Licensed health or mental health provider with an associate's degree will be awarded up to ten thousand dollars (\$10,000) not to exceed their qualifying educational debt.

(7) Service Obligation. Participation in the Health Professional Loan Repayment Program shall consist of loan award payments made directly to an awardee under written contract, in the form of direct deposit.

(A) The contract shall include the following sections:

1. Awardee's information;
2. Employer information;
3. Contract terms;
4. Verification, waiver, and deferral;
5. Breach and penalties;
6. Modifications/extension;
7. Execution; and
8. The applicant's notarized signature.

(B) The contract period shall be, at a minimum, two (2) years in length.

(C) The contract shall bind the awardee to provisions of the program, including the financial consequences associated with a breach of contract.

(D) The contract shall detail that the awardee earns forgiveness on their grant award through a service obligation and the dates of said service obligation shall be prominently shown on the contract.

(E) The awardee shall respond to all department correspondence, including but not limited to written in email and letter and telephone communication sent to their last known contact information. If the applicant's contact information changes it is the applicant's responsibility to notify the department within thirty (30) days of change.

(F) The contract shall include that the awardee may submit the completed and signed contract to the department via electronic or mail.

(8) The awardee shall earn forgiveness of their service obligation by engaging in qualifying employment as approved by the department. No forgiveness will be granted until proof of use of funds is provided. Repayment through forgiveness shall begin no later than the specific date identified on their executed contract.

(A) Forgiveness may be granted upon completion of the two (2)-year service obligation, as approved and determined by the department.

(B) A waiver of the service obligation may be granted in extreme circumstances, as determined by the department. In the event that the awardee is unable to complete the service obligation due to serious debilitating illness or other compelling personal circumstances, the department may waive the remaining service obligation left on the contract. The department can waive, in whole or in part, an awardee's service or payment obligation in cases where enforcement of the obligation would be impossible or an extreme medical

or financial hardship and unconscionable. The department may also choose to defer the service obligation in its sole discretion, for up to one (1) year, if the awardee's compliance with the obligation is temporarily impossible or an extreme medical or financial hardship, in lieu of permanently waiving the service obligation.

(9) The awardee shall provide to the department, annually or upon request by the department, a completed employment Health Professional Loan Repayment Employment Verification Form detailing the awardee's employment status and dates of service. This form must also be submitted to the department if there are any changes in employment, or at the request of the department. The Health Professional Loan Repayment Employment Verification Form, published 2023, is incorporated by reference in this rule as published by the department and available on the department's webpage at the following address: <https://health.mo.gov/living/families/primarycare/loanrepayment/pdf/ev-form-hplrp.pdf>. This rule does not incorporate any subsequent amendments or additions. A copy of this form may be requested by contacting the department via email at: DHSS.LoanRepayment@health.mo.gov.

(10) If an awardee under contract violates the written contract and is in breach of any of the requirements outlined in the contract and/or this rule, the state shall be entitled to recover from the awardee an amount equal to the sum of:

(A) The total amount of the loan awarded by the department or, if the department had already awarded partial forgiveness or waiver at the time of the breach, the amount of the loan not yet forgiven;

(B) The interest on the amounts owed will accrue at the maximum prevailing rate as determined by the Treasurer of the United States on the date awarded to awardee. Interest begins accruing on award date;

(C) An amount equal to any damages incurred by the department as a result of the breach; and

(D) Any legal fees or associated costs incurred by the department or the state of Missouri in the collection of damages.

(11) An awardee who is in breach of contract must pay the total amount owed within twenty-four (24) months from the payment date specified on the cash repayment letter sent by the department to the last known address or email address of the awardee. The cash repayment letter is deemed to have been received by awardee within five (5) calendar days of the date of mailing.

AUTHORITY: section 191.430, RSMo Supp. 2023. Emergency rule filed Sept. 28, 2023, terminated Oct. 6, 2024.

PUBLIC COST: This emergency rule is estimated to cost state agencies or political subdivisions at least \$1,015,744 in the time the emergency rule is effective.

PRIVATE COST: This emergency rule will not cost private entities more than five hundred (\$500) dollars in the time the emergency rule is effective.

**FISCAL NOTE
PUBLIC COST**

- I. Department Title: Department of Health and Senior Services
Division Title: Office of the Director
Chapter Title: 19 CSR 10-60.060**

Rule Number and Title:	19 CSR 10-60.060 Health Professional Loan Repayment Program
Type of Rulemaking:	Emergency

II. SUMMARY OF FISCAL IMPACT

Affected Agency or Political Subdivision	Estimated Cost of Compliance in the Aggregate
Department of Health & Senior Services' costs =	\$1,015,744

II. WORKSHEET

.30 Total FTE:

.15 FTE Public Health Program Specialist (Full salary \$56,524)

\$56,524 (salary) x .15 = \$8,479 x 6/12 (6 months) = \$4,239 + \$2,708 (fringe benefits) = \$6,948 for the first year period.

.10 FTE Senior Public Health Program Specialist (Full salary \$67,843)

\$67,843 (salary) x .10 = \$6,784 x 6/12 (6 months) = \$3,392 + \$2,167 (fringe benefits) = \$5,559 for the first year period.

.05 FTE Public Health Program Manager (Full salary \$79,000)

\$79,000 (salary) x .05 = \$3,950 x 6/12 (6 months) = \$1,975 + \$1,262 (fringe benefits) = \$3,237 for the first year period.

Health Professional Loan Repayment Program Awards

The number of awards that will be made is unknown; however, it is the programs intent to award all appropriated funding for a total of \$1,000,000.

IV. ASSUMPTIONS

In order to process the applications and the application review described in this emergency rule, the department will need .15 of a Public Health Program Specialist, .10 of a Senior Public Health Program Specialist, and .05 of a Public Health Program Manager.

TITLE 19 – DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 10 – Office of the Director

Chapter 60 – Professional and Practical Loan and Training Programs

ORDER TERMINATING EMERGENCY RULE

By the authority vested in the Missouri Department of Health and Senior Services under section 191.430, RSMo 2023, the department hereby terminates an emergency rule effective October 6, 2023, as follows:

19 CSR 10-60.060 Health Professional Loan Repayment Program is **terminated**.

A notice of emergency rulemaking containing the text of the emergency rule is published in the *Missouri Register* on November 1, 2023.

TITLE 19 – DEPARTMENT OF HEALTH AND SENIOR SERVICES

**Division 30 – Division of Regulation and Licensure
Chapter 1 – Controlled Substances**

EMERGENCY AMENDMENT

19 CSR 30-1.002 Schedules of Controlled Substances. The department is amending section (1).

PURPOSE: This amendment updates the Schedules of Controlled Substances to be consistent with 21 CFR Part 1308.

PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. This material as incorporated by reference in this rule shall be maintained by the agency at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. The entire text of the rule is printed here.

EMERGENCY STATEMENT: The United States Department of Justice Drug Enforcement Administration (DEA) continually evaluates substances to determine their clinical application and potential for abuse. Based on their evaluation, the DEA issues scheduling actions to place substances in the appropriate controlled substance schedules. The majority of these scheduling actions consist of temporarily and permanently scheduling newly-discovered illicit substances in Schedule I. Proper scheduling of these substances allow law enforcement to take action to prevent the further distribution of these substances. Scheduling substances in Schedules II-V allows practitioners to be informed about the potential for addiction/abuse of the substances and prescribe the substances appropriately. Section 195.015, RSMo charges the department with similarly controlling substances as they are controlled under federal law. Section 195.015.4 requires the Department of Health and Senior Services to submit emergency rules to the Secretary of State within thirty days of a federal scheduling action to allow for similar inclusion, rescheduling, or deletion of controlled substances with this schedule. While

this time frame is difficult to achieve given the various approvals and reviews needed prior to the Department scheduling any rule with the Secretary of State, the Department still acts to effectuate these scheduling actions as quickly as possible. This emergency amendment includes all federal scheduling actions since the last amendment of this rule in 2020. This emergency amendment is necessary to protect Missouri's governmental interest in keeping its controlled substances schedules up-to-date as much as practically possible in order to protect its citizens and to aid law enforcement in its prosecution of those who illegally distribute these substances. As a result, the Department of Health and Senior Services finds a compelling governmental interest, which requires this emergency action. A proposed amendment, which covers the same material, is published in this issue of the *Missouri Register*. The scope of this emergency amendment is limited to the circumstances creating the emergency and complies with the protections extended in the *Missouri and United States Constitutions*. The Department of Health and Senior Services believes this emergency rule is fair to all interested persons and parties under the circumstances. Subject to section 536.025, this emergency rule was filed September 25, 2023, becomes effective October 10, 2023, and expires April 6, 2024.

(1) Schedules of Controlled Substances.

(A) Schedule I shall consist of the drugs and other substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this section. Each drug or substance has been assigned the Drug Enforcement Administration (DEA) Controlled Substances Code Number set forth opposite it.

1. Opiates. Unless specifically excepted or unless listed in another schedule, any of the following opiates, including their isomers, esters, ethers, salts, and salts of isomers, esters, ethers, and salts whenever the existence of such isomers, esters, ethers, and salts is possible within the specific chemical designation:

- A. Acetyl-alpha-methylfentanyl
(N-(1-(1-methyl-2-phenethyl)-4-piperidinyl)-N-phenylacetamide) 9815
- B. Acetylmethadol 9601
- C. Acetyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide) 9821
- D. N-(1-phenethylpiperidin-4-yl)-N-phenylacrylamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other names: acryl fentanyl, acryloylfentanyl) 9811
- E. AH-7921(3,4-dichloro-N-[(1-dimethylamino)cyclohexylmethyl] benzamide) 9551
- F. Allylprodine 9602
- G. Alphacetylmethadol (except levoalphacetylmethadol also known as levo-alpha-acetylmethadol levonhadyl acetate or LAAM) 9603
- H. Alphameprodine 9604
- I. Alphamethadol 9605
- J. Alpha-methylfentanyl (N-1-(alphamethyl-beta-phenyl) ethyl-4-piperidyl)

propionanilide; 1-(1-methyl-2-phenylethyl)-4 ((N-propanilido) piperidine)	9814	[II.]KK. Ethylmethylthiambutene	9623
K. Alpha-methylthiofentanyl (N-(1-methyl-2-(2-thienyl)ethyl-4-piperidinyl)-N-phenylpropanamide)	9832	[JJ.]LL. Etonitazene	9624
L. Benzethidine	9606	[KK.]MM. Etoperidine	9625
M. Betacetylmethadol	9607	[LL.]NN. Fentanyl carbamate (ethyl (1-phenethylpiperidin-4-yl) (phenyl)carbamate)	9851
N. Beta-hydroxyfentanyl (N-(1-(2-hydroxy-2-phenethyl)-4-piperidinyl)-N-phenylpropanamide)	9830	[MM.]OO. N-(4-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)isobutyramide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other names: 4-fluoroisobutyryl fentanyl, para-fluoroisobutyryl fentanyl)	9824
O. Beta-hydroxy-3-methylfentanyl (other name: N-(1-(2-hydroxy-2-phenethyl)-3-methyl-4-piperidinyl)-N-phenylpropanamide)	9831	[NN.]PP. 2'-Fluoro ortho-fluorofentanyl (N-(1-(2-fluorophenethyl) piperidin-4-yl)-N-(2-fluorophenyl) propionamide (other names: 2'-fluoro 2-fluorofentanyl)	9855
P. N-[1-[2-hydroxy-2-(thiophen-2-yl) ethyl]piperidin-4-yl]-N-phenylpropionamide (other names: beta-hydroxythiofentanyl)	9836	[OO.]QQ. N-(1-phenethylpiperidin-4-yl)-N-phenylfuran-2-carboxamide (other names: furanyl fentanyl)	9834
Q. Betameprodine	9608	[PP.]RR. Furethidine	9626
R. Betamethadol	9609	[QQ.]SS. Hydroxypethidine	9627
S. <i>beta</i> -Methyl fentanyl (N-phenyl-N-(1-(2-phenylpropyl)piperidin-4-yl) propionamide (Other name: β -methyl fentanyl)	9856	[RR.]TT. N-(1-phenethylpiperidin-4-yl)-N-phenylisobutyramide (other name: isobutyryl fentanyl)	9827
T. <i>beta</i> '-Phenyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N,3-diphenylpropanamide (other names: β '-phenyl fentanyl; 3-phenylpropanoyl Fentanyl)	9842	[SS.]UU. Isotonitazene (N,N-diethyl-2-(2-(4-isopropoxybenzyl)-5-nitro-1H-benzimidazol-1-yl) ethan-1-amine)	9614
U. Betaprodine	9611	[TT.]VV. Ketobemidone	9628
V. Brorphine (1-(1-(1-(4-bromophenyl)ethyl)piperidin-4-yl)-1,3-dihydro-2H-benzo[d]imidazol-2-one)	9098	[UU.]VW. Levomoramide	9629
W. Butyryl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylbutyramide)	9822	[VV.]XX. Levophenacylmorphane	9631
[V.]X. Clonitazene	9612	[WW.]YY. Methoxyacetyl fentanyl (2-methoxy-N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide)	9825
[W.]Y. Crotonyl fentanyl ((E)-N-(1-phenethylpiperidin-4-yl)-N-phenylbut-2-enamide)	9844	[XX.]ZZ. 4'-Methyl acetyl fentanyl (N-(1-(4-methylphenethyl) piperidin-4-yl)-N-phenylacetamide)	9819
[X.]Z. N-(1-phenethylpiperidin-4-yl)-N-Phenylcyclopentanecarboxamide (other name: cyclopentyl fentanyl)	9847	[YY.]AAA. 3-Methylfentanyl (N-(3-methyl-1-(2-phenylethyl)-4-piperidinyl)-N-phenylpropanamide), its optical and geometric isomers, salts, and salts of isomers	9813
[Y.]AA. Cyclopropyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylcyclopropanecarboxamide)	9845	[ZZ.]BBB. 3-Methylthiofentanyl (N-(3-methyl-1-(2-thienyl)ethyl-4-piperidinyl)-N-phenylpropanamide)	9833
[Z.]BB. Dextromoramide	9613	CCC. Metonitazene (N,N-diethyl-2-(2-(4-methoxybenzyl)-5-nitro-1H-benzimidazol-1-yl)ethan-1-amine)	9757
[AA.]CC. Diampromide	9615	[AAA.]DDD. Morpheridine	9632
[BB.]DD. Diethylthiambutene	9616	[BBB.]EEE. MPPP (1-methyl-4-phenyl-4-propionoxypiperidine)	9661
[CC.]EE. Difenoxin	9168	[CCC.]FFF. MT-45 (1-cyclohexyl-4-(1,2-diphenylethyl)	
[DD.]FF. Dimenoxadol	9617		
[EE.]GG. Dimepheptanol	9618		
[FF.]HH. Dimethylthiambutene	9619		
[GG.]II. Dioxaphetyl butyrate	9621		
[HH.]JJ. Dipipanone	9622		

piperazine)	(9560)	[SSS.]VVV. <i>para</i> -Methoxybutyryl	
[DDD.]GGG. Noracymethadol	9633	fentanyl (<i>N</i> -(4-methoxyphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)butyramide)	9837
[EEE.]HHH. Norlevorphanol	9634	[TTT.]WWW. <i>para</i> -Methylfentanyl	
[FFF.]III. Normethadone	9635	(<i>N</i> -(4-methylphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)propionamide (other name: 4-methylfentanyl)	9817
[GGG.]JJJ. Norpipanone	9636	[UUU.]XXX. PEPAP (1-(2-phenethyl)-4-phenyl-4-acetoxypiperidine)	9663
[HHH.]KKK. <i>N</i> -(2-fluorophenyl)-2-methoxy- <i>N</i> -(1-phenethylpiperidin-4-yl)acetamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other name: ocfentanyl)	9838	[VVV.]YYY. Phenadoxone	9637
[III.]LLL. <i>ortho</i> -Fluoroacryl fentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)acrylamide)	9852	[WWW.]ZZZ. Phenampromide	9638
[JJJ.]MMM. <i>ortho</i> -Fluorobutyryl fentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)butyramide (other name: 2-fluorobutyryl fentanyl)	9846	[XXX.]AAA. Phenomorphan	9647
[KKK.]NNN. <i>ortho</i> -Fluorofentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)propionamide); other name: 2-fluorofentanyl)	9816	[YYY.]BBB. Phenoperidine	9641
[LLL.]OOO. <i>ortho</i> -Fluoroisobutyryl fentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)isobutyramide)	9853	[ZZZ.]CCCC. Phenyl fentanyl (<i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenylbenzamide (other name: benzoyl fentanyl)	9841
[MMM.]PPP. <i>ortho</i> -Methyl acetylfentanyl (<i>N</i> -(2-methylphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)acetamide (other name: 2-methyl acetylfentanyl)	9848	[AAAA.]DDDD. Piritramide	9642
[NNN.]QQQ. <i>ortho</i> -Methyl methoxyacetyl fentanyl (2-methoxy- <i>N</i> -(2-methylphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)acetamide (other name: 2-methyl methoxyacetyl fentanyl)	9820	[BBBB.]EEEE. Proheptazine	9643
[OOO.]RRR. <i>N</i> -(4-chlorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)isobutyramide (other name: <i>para</i> -chloroisobutyryl fentanyl)	9826	[CCCC.]FFFF. Properidine	9644
[PPP.]SSS. <i>para</i> -Fluorobutyryl fentanyl (<i>N</i> -(4-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)butyramide)	9823	[DDDD.]GGGG. Propiram	9649
[QQQ.]TTT. <i>para</i> -fluorofentanyl(<i>N</i> -(4-fluorophenyl)- <i>N</i> -(1-(2-phenethyl)-4-piperidinyl)propanamide)	9812	[EEEE.]HHHH. Racemoramide	9645
[RRR.]UUU. <i>para</i> -Fluoro furanyl fentanyl (<i>N</i> -(4-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)uran-2-carboxamide)	9854	[FFFF.]III. <i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenyltetrahydrofuran-2-carboxamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other name: tetrahydrofuranyl fentanyl)	9843
		[GGGG.]JJJJ. Thiofentany (<i>N</i> -phenyl- <i>N</i> -(1-(2-thienyl)ethyl-4-piperidinyl)-propanamide)	9835
		[HHHH.]KKKK. Thiofuranyl fentanyl (<i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenylthiophene-2-carboxamide (other names: 2-thiofuranyl fentanyl; thiophene fentanyl)	9839
		[IIII.]LLLL. Tilidine	9750
		[JJJJ.]MMMM. Trimeperidine	9646
		NNNN. U-47700 (3,4-Dichloro- <i>N</i> -[2-(dimethylamino)cyclohexyl]- <i>N</i> -methylbenzamide)	9547
		OOOO. <i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenylpentanamide (other name: valeryl fentanyl)	9840
		PPPP. Zipeprol (1-methoxy-3-[4-(2-methoxy-2-phenylethyl)piperazin-1-yl]-1-phenylpropan-2-ol)	9873
		2. Opium derivatives. Unless specifically excepted or unless listed in another schedule, any of the following opium derivatives, its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:	
		A. Acetorphine	9319
		B. Acetyldihydrocodeine	9051
		C. Benzylmorphine	9052
		D. Codeine methylbromide	9070
		E. Codeine- <i>N</i> -Oxide	9053
		F. Cyrenorphine	9054

G. Desomorphine	9055	K. 2-(2,5-Dimethoxyphenyl) ethanamine (2C-H)	7517
H. Dihydromorphine	9145	L. 2-(4-Chloro-2,5-dimethoxyphenyl) ethanamine (2C-C)	7519
I. Drotebanol	9335	M. 2-(4-Ethylthio-2,5-dimethoxyphenyl) ethanamine (2C-T-2)	7385
J. Etorphine (except hydrochloride salt)	9056	N. 2-(4-Iodo-2,5-dimethoxyphenyl) ethanamine (2C-I)	7518
K. Heroin	9200	O. 2-(4-Isopropylthio)-2,5-dimethoxyphenyl) ethanamine (2C-T-4)	7532
L. Hydromorphanol	9301	P. 4-methoxyamphetamine	7411
M. Methyl-desorphine	9302	Some trade or other names: 4-methoxy-amethylphenethylamine; paramethoxyamphetamine; PMA;	
N. Methyl-dihydromorphine	9304	Q. 5-methoxy-3,4-methylenedioxyamphetamine	7401
O. Morphine methylbromide	9305	R. 4-methyl-2,5-dimethoxyamphetamine	7395
P. Morphine methylsulfonate	9306	Some trade and other names: 4-methyl-2, 5- dimethoxy-a-methylphenethylamine; DOM; and STP;	
Q. Morphine-N-Oxide	9307	S. 3,4-methylenedioxyamphetamine	7400
R. Myrophine	9308	T. 3,4-methylenedioxy-methamphetamine(MDMA)	7405
S. Nicocodeine	9309	U. 3,4-methylenedioxy-N-ethylamphetamine (also known as N-ethyl-alpha-methyl-3,4 (methylenedioxy) phenethylamine, N-ethyl MDA, MDE, and MDEA)	7404
T. Nicomorphine	9312	V. N-hydroxy-3,4-methylenedioxyamphetamine (also known as N-hydroxy-alpha-methyl-3,4 (methylenedioxy) phenethylamine and N-hydroxy MDA)	7402
U. Normorphine	9313	W. 3,4,5-trimethoxyamphetamine	7390
V. Pholcodine	9314	X. 5-MeO-DMT or 5-methoxy-N,N-dimethyltryptamine	7431
W. Thebacon	9315	Y. Alpha-methyltryptamine	7432
<p>[3. Opiate Similar Synthetic Substances. Substances scheduled by the United States Drug Enforcement Administration as substances that share a pharmacological profile similar to fentanyl, morphine, and other synthetic opioids, unless specifically excepted or unless listed in another schedule. These substances are—</p>		Z. Bufotenine	7433
<p>A. Butyryl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylbutyramide)</p>		Some trade and other names: 3-(b-Dimethylaminoethyl)-5-hydroxyindole; 3-(2-dimethylaminoethyl)-5-indolol; N, N-dimethylserotonin; 5-hydroxy-N, N-dimethyltryptamine; mappine;	
	9822	AA. Diethyltryptamine	7434
<p>B. U-47700 (3,4-Dichloro-N-[2-(dimethylamino)cyclohexyl]-N-methylbenzamide)</p>		Some trade and other names: N, N-Diethyltryptamine; DET;	
	9547	BB. Dimethyltryptamine	7435
<p>C. N-(1-phenethylpiperidin-4-yl)-N-phenylpentanamide (other name: valeryl fentanyl)</p>		Some trade or other names: DMT;	
	9840]	CC. 5-methoxy-N,N-diisopropyltryptamine (other name: 5-MeODIPT)	7439
<p>[4.3. Hallucinogenic substances. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture or preparation, which contains any quantity of the following hallucinogenic substances or which contains any of its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation (For purposes of paragraph (1)(A)4. of this rule only, the term isomer includes the optical, position, and geometric isomers.):</p>		DD. Ibogaine	7260
<p>A. Alpha-ethyltryptamine</p>		Some trade and other names: 7-Ethyl- 6,6β,7,8,9,10,12,13-octahydro-2-methoxy-6, 9-methano-5H-pyrido [1',2':1,2] azepino[5,4-b] indole; Tabernanthe iboga;	
	7249	EE. Lysergic acid diethylamide	7315
<p>Some trade or other names: etryptamine; Monase; alpha-ethyl-1H-indole-3-ethenamine; 3-(2-aminobutyl)indole; alpha-ET; and AET;</p>		FF. Marijuana	7360
<p>B. 4-bromo-2,5-dimethoxyamphetamine</p>		Some trade or other names: marijuana;	
	7391	GG. Mescaline	7381
<p>Some trade or other names: 4-bromo-2, 5-DMA; methylphenethylamine; 4-bromo- 2, 5-DMA;</p>		HH. Parahexyl	7374
<p>C. 4-bromo-2,5-dimethoxyphenethylamine</p>		Some trade or other names: 3-Hexyl-1- hydroxy-7,8,9,10-tetrahydro-6,6,9-trimethyl- 6H-dibenzo[b,d]pyran; Synhexyl;	
	7392	II. Peyote	7415
<p>D. 2,5-dimethoxyamphetamine</p>		Meaning all parts of the plant presently classified botanically as <i>Lophophora williamsii</i> Lemaire, whether growing or not; the seeds thereof; any extract from any part of such plant; and every compound, manufacture, salt, derivative, mixture, or preparation of such plant, its seeds, or extracts;	
	7396		
<p>Some trade or other names: 2,5-dimethoxy-amethylphenethylamine; 2,5-DMA;</p>			
<p>E. 2,5-dimethoxy-4-ethylamphetamine</p>			
	7399		
<p>Some trade or other names: DOET;</p>			
<p>F. 2,5-dimethoxy-4-(n)-propylthiophenethylamine (other name: 2C-T-7)</p>			
	7348		
<p>G. 2-(2,5-Dimethoxy-4-(n)-propylphenyl) ethanamine (2C-P)</p>			
	7524		
<p>H. 2-(2,5-Dimethoxy-4-ethylphenyl) ethanamine (2C-E)</p>			
	7509		
<p>I. 2-(2,5-Dimethoxy-4-methylphenyl) ethanamine (2C-D)</p>			
	7508		
<p>J. 2-(2,5-Dimethoxy-4-nitro-phenyl) ethanamine (2C-N)</p>			
	7521		

(pyrrolidin-1-yl)pentan-1-one	1258	NM2201; CBL2201)	7221
QQQ. <i>alpha</i> -pyrrolidinobutio-phenone (other names: α -PBP; 1-phenyl-2-(pyrrolidin-1-yl)butan-1-one)	7546	EEEE. N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1 <i>H</i> -indazole-3-carboxamide (other name: 5F-AB-PINACA)	7025
RRR. N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1 <i>H</i> -indazole-3-carboxamide (other names: AB-CHMINACA)	7031	FFFF. 1-(4-cyanobutyl)- <i>N</i> -(2-phenylpropan-2-yl)-1 <i>H</i> -indazole-3-carboxamide (other names: 4-CN-CUMYLBUTINACA; 4-cyano-CUMYL-BUTINACA; 4-CN-CUMYLBINACA; CUMYL-4CNBINACA; SGT-78)	7089
SSS. N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1 <i>H</i> indazole-3-carboxamide (other names: AB-PINACA)	7023	GGGG. methyl 2-(1-(cyclohexylmethyl)-1 <i>H</i> -indole-3-carboxamido)-3-methylbutanoate (other names: MMB-CHMICA; AMB-CHMICA)	7044
TTT. [1-(5-fluoropentyl)-1 <i>H</i> -indazol-3-yl](naphthalen-1-yl)methanone (other names: THJ-2201)	7024	HHHH. 1-(5-fluoropentyl)- <i>N</i> -(2-phenylpropan-2-yl)-1 <i>H</i> -pyrrolo[2,3- <i>b</i>]pyridine-3-carboxamide (other name: 5F-CUMYL-P7AICA)	7085
UUU. N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1 <i>H</i> -indazole-3-carboxamide (other names: MAB-CHMINACA; ADB-CHMINACA)	7032	IIII. <i>N</i> -ethylpentylone (other names: ephylone, 1-(1,3-benzodioxol-5-yl)-2-(ethylamino)-pentan-1-one)	7543
VVV. methyl 2-(1-(5-fluoropentyl)-1 <i>H</i> -indazole-3-carboxamido)-3,3-dimethylbutanoate (other names: 5F-ADB; 5F-MDMB-PINACA)	7034	JJJJ. methyl 2-(1-(4-fluorobutyl)-1 <i>H</i> -indazole-3-carboxamido)-3,3-dimethylbutanoate (4F-MDMB-BINACA, 4F-MDMB-BUTINACA)	7043
WWW. methyl 2-(1-(5-fluoropentyl)-1 <i>H</i> -indazole-3-carboxamido)-3-methylbutanoate (other names: 5F-AMB)	7033	KKKK. 1-(4-methoxyphenyl)- <i>N</i> -methylpropan-2-amine (other names: <i>para</i> -methoxymethamphetamine, PMMA)	1245
XXX. N-(adamantan-1-yl)-1-(5-fluoropentyl)-1 <i>H</i> -indazole-3-carboxamide (other names: 5F-APINACA, 5F-AKB48)	7049	LLLL. ethyl 2-(1-(5-fluoropentyl)-1 <i>H</i> -indazole-3-carboxamido)-3,3-dimethylbutanoate (other name: 5F-EDMB-PINACA)	7036
YYY. N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1 <i>H</i> -indazole-3-carboxamide (other names: ADB-FUBINACA)	7010	MMMM. methyl 2-(1-(5-fluoropentyl)-1 <i>H</i> -indole-3-carboxamido)-3,3-Dimethylbutanoate (other names: 5F-MDMB-PICA; 5F-MDMB-2201)	7041
ZZZ. methyl 2-(1-(cyclohexylmethyl)-1 <i>H</i> -indole-3-carboxamido)-3,3-dimethylbutanoate (other names: MDMB-CHMICA, MMB-CHMINACA)	7042	NNNN. N-(adamantan-1-yl)-1-(4-fluorobenzyl)-1 <i>H</i> -indazole-3-carboxamide (other names: FUB-AKB48; FUB-APINACA; AKB48 N-(4-FLUOROBENZYL))	7047
AAAA. methyl 2-(1-(4-fluorobenzyl)-1 <i>H</i> -indazole-3-carboxamido)-3,3-dimethylbutanoate (other names: MDMB-FUBINACA)	7020	OOOO. 1-(5-fluoropentyl)- <i>N</i> -(2-phenylpropan-2-yl)-1 <i>H</i> -indazole-3-carboxamide (other names: 5F-CUMYL-PINACA; SGT-25)	7083
BBBB. methyl 2-(1-(4-fluorobenzyl)-1 <i>H</i> -indazole-3-carboxamido)-3-methylbutanoate (other names: FUB-AMB, MMB-FUBINACA, AMB-FUBINACA)	(7021)	PPPP. (1-(4-fluorobenzyl)-1 <i>H</i> -indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone (other name: FUB-144)	7014
CCCC. 1-(1,3-benzodioxol-5-yl)-2-(ethylamino)propan-1-one (ethylone)	7547	QQQQ. <i>N</i> -Ethylhexedrone (other names: α -ethylaminohexanophenone; 2-(ethylamino)-1-phenylhexan-1-one)	7246
DDDD. Naphthalen-1-yl 1-(5-fluoropentyl)-1 <i>H</i> -indole-3-carboxylate (other names:		RRRR. <i>alpha</i> -Pyrrolidinohexanophenone (other names: α -PHP; α -pyrrolidinohexanophenone;	

1-phenyl-2-(pyrrolidin-1-yl)hexan-1-one)	7544
SSSS. 4-Methyl- <i>alpha</i> -ethylaminopentiophenone (other names: 4-MEAP; 2-(ethylamino)-1-(4-methylphenyl)pentan-1-one)	7245
TTTT. 4'-Methyl- <i>alpha</i> -pyrrolidinohexiophenone (other names: MPHP; 4'-methyl- <i>alpha</i> -pyrrolidinohexanophenone; 1-(4-methylphenyl)-2-(pyrrolidin-1-yl)hexan-1-one)	7446
UUUU. <i>alpha</i> -Pyrrolidinoheptaphenone (other names: PV8; 1-phenyl-2-(pyrrolidin-1-yl)heptan-1-one)	7548
VVVV. 4'-Chloro- <i>alpha</i> -pyrrolidinovalerophenone (other names: 4-chloro- -PVP; 4'-chloro- -pyrrolidinopentiophenone; 1-(4-chlorophenyl)-2-(pyrrolidin-1-yl) pentan-1-one)	7443
WWWWW. 2-(ethylamino)-2-(3-methoxyphenyl)cyclohexan-1-one (methoxetamine, MXE)	7286
XXXX. 1-(1,3-benzodioxol-5-yl)-2-(ethylamino)butan-1-one (other names: eutylone; bk-EBDB)	7549

[XXXX].YYYY. Synthetic cannabinoids: Unless specifically exempted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances, or which contains their salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

(I) Any compound structurally derived from 3-(1-naphthoyl)indole or 1Hindol-3-yl-(1-naphthyl)methane by substitution at the nitrogen atom of the indole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent, whether or not substituted in the naphthyl ring to any extent. Including, but not limited to:

(a) AM2201, or 1-(5-fluoropentyl)-3-(1-naphthoyl)indole	7201
(b) JWH-007, or 1-pentyl-2-methyl-3-(1-naphthoyl)indole	
(c) JWH-015, or 1-propyl-2-methyl-3-(1-naphthoyl)indole	
(d) JWH-018, or 1-pentyl-3-(1-naphthoyl)indole	7118
(e) JWH-019, or 1-hexyl-3-(1-naphthoyl)indole	7019
(f) JWH-073, or 1-butyl-3-(1-naphthoyl)indole	7173
(g) JWH-081, or 1-pentyl-3-(4-methoxy-1-naphthoyl)indole	7081
(h) JWH-098, or 1-pentyl-2-methyl-3-(4-methoxy-1-naphthoyl)indole	
(i) JWH-122, or 1-pentyl-3-(4-methyl-1-naphthoyl)indole	7122
(j) JWH-164, or 1-pentyl-3-(7-methoxy-1-naphthoyl)indole	
(k) JWH-200, or 1-(2-(4-(morpholinyl)ethyl))-3-(1-naphthoyl)indole	7200
(l) JWH-210, or 1-pentyl-3-(4-ethyl-1-naphthoyl)indole	
(m) JWH-398, or 1-pentyl-3-(4-chloro-1-naphthoyl)indole	7398

(II) Any compound structurally derived from 3-(1-naphthoyl)pyrrole by substitution at the nitrogen atom of the pyrrole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the pyrrole ring to any extent, whether or not substituted in the naphthyl ring to any extent;

(III) Any compound structurally derived from 1-(1-naphthylmethyl)indene by substitution at the 3-position of the indene ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indene ring to any extent, whether or not substituted in the naphthyl ring to any extent;

(IV) Any compound structurally derived from 3-phenylacetylindole by substitution at the nitrogen atom of the indole ring with alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent, whether or not substituted in the phenyl ring to any extent. Including, but not limited to:

(a) JWH-201, or 1-pentyl-3-(4-methoxyphenylacetyl)indole	
(b) JWH-203, or 1-pentyl-3-(2-chlorophenylacetyl)indole	7203
(c) JWH-250, or 1-pentyl-3-(2-methoxyphenylacetyl)indole	6250
(d) JWH-251, or 1-pentyl-3-(2-methylphenylacetyl)indole	
(e) RCS-8, or 1-(2-cyclohexylethyl)-3-(2-methoxyphenylacetyl)indole	7008

(V) Any compound structurally derived from 2-(3-hydroxycyclohexyl)phenol by substitution at the 5-position of the phenolic ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not substituted in the cyclohexyl ring to any extent. Including, but not limited to:

(a) CP 47,497 & homologues, or 2-[(1*R*,3*S*)-3-hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol, where side chain n=5, and homologues where side chain n=4, 6, or 7

7297, 7298

(VI) Any compound containing a 3-(benzoyl)indole structure with substitution at the nitrogen atom of the indole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent and whether or not substituted in the phenyl ring to any extent. Including, but not limited to:

(a) AM-694, or 1-(5-fluoropentyl)-3-(2-iodobenzoyl)indole	7694
(b) RCS-4, or 1-pentyl-3-(4-methoxybenzoyl)indole (SR-19 and RCS-4)	7104

(VII) CP 50,556-1, or [(6*S*,6*aR*,9*R*,10*aR*)-9-hydroxy-6-methyl-3-[(2*R*)-5-phenylpentan-2-yl]oxy-5,6,6*a*,7,8,9,10,10*a*-octahydrophenanthridin-1-yl] acetate;

(VIII) HU-210, or (6*aR*,10*aR*)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6*a*,7,10,10*a*-tetrahydrobenzo[*c*]chromen-1-ol;

(IX) HU-211, or Dexanabinol,(6*aS*,10*aS*)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6*a*,7,10,10*a*-tetrahydrobenzo[*c*]chromen-1-ol;

(X) Dimethylheptylpyran, or DMHP.

[5.]4. Depressants. Unless specifically excepted or unless listed in another schedule, any material compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system, including its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

- A. Gamma-hydroxybutyric acid and other names GHB; gamma-hydroxybutyrate; 4-hydroxybutyrate; 4-hydroxybutonic acid; sodium oxybate; sodium oxybutyrate 2010
- B. Mecloqualone 2572
- C. Methaqualone 2565

[6.]5. Stimulants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system, including its salts, isomers, and salts of isomers:

A. **Amineptine (7-[(10,11-dihydro-5H-dibenzo[a,d]cyclohepten-5-yl)amino]heptanoic acid)** 1219

[A.]B. Aminorex 1585

Some trade or other names: aminoxaphen; 2-amino-5-phenyl-2-oxazoline; 4,5-dihydro-5-phenyl-2-oxazolamine;

[B.]C. *N*-benzylpiperazine (some other names: BZP, 1-benzylpiperzaine) 7493

[C.]D. Cathinone (Some trade or other names: 2-amino-1-phenyl-1-propanone, alphaaminopropiophenone, 2-aminopropiophenone and norephedrone) 1235

[D.]E. 4,4'-Dimethylaminorex (4,4'-DMAR; 4,5-dihydro-4-methyl-5-(4-methylphenyl)-2-oxazolamine; 4-methyl-5-(4-methylphenyl)-4,5-dihydro-1,3-oxazol-2-amine) 1595

[E.]F. Fenethylline 1503

G. **Mesocarb (N-phenyl-N-(3-(1-phenylpropan-2-yl)-1,2,3-oxadiazol-3-ium-5-yl)carbamide)** 1227

[F.]H. Methcathinone 1237

Some trade or other names: 2-(methylamino)-propiophenone; alpha-(methylamino) propiophenone; 2-(methylamino)-1-phenylpropan-1-one; alpha-*N*-methylaminopropiophenone; monomethylpropion; ephedrone; *N*-methylcathinone; methylcathinine; AL-464; AL-422; AL-463 and URI 432;

I. **Methiopropamine (N-methyl-1-(thiophen-2-yl)propan-2-amine)** 1478

[G.]J. 4-methoxymethcathinone

[H.]K. *cis*-4-methylaminorex (cis-4,5-dihydro-4-methyl-5-phenyl-2-oxazolamine) 1590

[I.]L. 4-Methyl-alpha-pyrrolidinobutiophenone, or MPBP

[J.]M. *N*-ethylamphetamine 1475

[K.]N. *N,N*-dimethylamphetamine 1480

(some other names: *N,N*-alpha-trimethylbenzeneethanamine; *N,N*-alpha-trimethylphenethylamine)

[7.]6. A temporary listing of substances subject to emergency scheduling under federal law shall include any material, compound, mixture, or preparation which contains

any quantity of the following substances:

- A. Fentanyl-related substances, their isomers, esters, ethers, salts, and salts of isomers, esters, and ethers. 9850

(I) Fentanyl-related substance means any substance not otherwise listed under another Administration Controlled Substance Code Number, and for which no exemption or approval is in effect under section 505 of the Federal Food, Drug, and Cosmetic Act 21 U.S.C. 355, that is structurally related to fentanyl by one (1) or more of the following modifications:

(a) Replacement of the phenyl portion of the phenethyl group by any monocycle, whether or not further substituted in or on the monocycle;

(b) Substitution in or on the phenethyl group with alkyl, alkenyl, alkoxy, hydroxyl, halo, haloalkyl, amino, or nitro groups;

(c) Substitution in or on the piperidine ring with alkyl, alkenyl, alkoxy, ester, ether, hydroxyl, halo, haloalkyl, amino, or nitro groups;

(d) Replacement of the aniline ring with any aromatic monocycle whether or not further substituted in or on the aromatic monocycle; and/or

(e) Replacement of the *N*-propionyl group by another acyl group.

[B. 1-(1-(1-(4-bromophenyl) ethyl)piperidin-4-yl)-1, 3-dihydro-2H-benzo[d]imidazol- 2-one, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (Other names: bromphine; -[1-[1-(4-bromophenyl) ethyl]-4-piperidinyl]-1,3-dihydro-2H-benzimidazol-2-one) 9098]

[C.]B. 2-(2-(4-butoxybenzyl)-5-nitro-1H-benzimidazol-1-yl)-*N,N*-diethylethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Butonitazene) 9751

[D.]C. 2-(2-(4-ethoxybenzyl)-1H-benzimidazol-1-yl)-*N,N*-diethylethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other names: Etodesnitazene; etazene) 9765

[E.]D. *N,N*-diethyl-2-(2-(4-fluorobenzyl)-5-nitro-1H-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Flunitazene) 9756

[F.]E. *N,N*-diethyl-2-(2-(4-methoxybenzyl)-1H-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Metodesnitazene) 9764

[G. *N,N*-diethyl-2-(2-(4-methoxybenzyl)-5-nitro-1H-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Metonitazene) 9757]

[H.]F. 2-(4-ethoxybenzyl)-5-nitro-1-(2-(pyrrolidin-1-yl)ethyl) -1H-benzimidazole, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other names: *N*-pyrrolidino etonitazene; etonitazepyne) 9758

[I.]G. *N,N*-diethyl-2-(5-nitro-2-(4-propoxybenzyl)-1H-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of

isomers, esters and ethers (other name: Protonitazene)	9759	(XVII) Oxymorphone	9652
H. 4-(2-chlorophenyl)-2-ethyl-9-methyl-6H-thieno[3,2-f][1,2,4]triazolo [4,3-a][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: etizolam)	2780	(XVIII) Thebaine	9333
I. 8-chloro-6-(2-fluorophenyl)-1-methyl-4H-benzo[f][1,2,4]triazolo [4,3-a][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: flualprazolam)	2785	B. Any salt, compound, derivative, or preparation thereof which is chemically equivalent or identical with any of the substances referred to in subparagraph (1)(B)1.A. of this rule shall be included in Schedule II, except that these substances shall not include the isoquinoline alkaloids of opium;	
J. 6-(2-chlorophenyl)-1-methyl-8-nitro-4H-benzo[f][1,2,4]triazolo [4,3-a][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: clonazepam)	2786	C. Opium poppy and poppy straw	9650
K. 8-bromo-6-(2-fluorophenyl)-1-methyl-4H-benzo[f][1,2,4]triazolo [4,3-a][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: flubromazolam)	2788	D. Coca leaves (9040) and any salt, compound, derivative, or preparation of coca leaves (including cocaine (9041) and ecgonine (9180) and their salts, isomers, derivatives, and salts of isomers and derivatives), and any salt, compound, derivative, or preparation thereof which is chemically equivalent or identical with any of these substances, except that the substances shall not include:	
L. 7-chloro-5-(2-chlorophenyl)-1-methyl-1,3-dihydro-2Hbenzo [e][1,4]diazepin-2-one, its salts, isomers, and salts of isomers (Other name: diclazepam)	2789	(I) Decocainized coca leaves or extraction of coca leaves, which extractions do not contain cocaine or ecgonine; or	
[8.7]. Khat, to include all parts of the plant presently classified botanically as <i>catha edulis</i> , whether growing or not; the seeds thereof; any extract from any part of such plant; and every compound, manufacture, salt, derivative, mixture, or preparation of the plant, its seed, or extracts.	7032	(II) Ioflupane;	
(B) Schedule II shall consist of the drugs and other substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this section. Each drug or substance has been assigned the Controlled Substances Code Number set forth opposite it.		E. Concentrate of poppy straw (the crude extract of poppy straw in either liquid, solid, or powder form which contains the phenanthrene alkaloids of the opium poppy)	9670
1. Substances, vegetable origin, or chemical synthesis. Unless specifically excepted or unless listed in another schedule, Schedule II shall include any of the following substances whether produced directly or indirectly by extraction from substances of vegetable origin or independently by means of chemical synthesis or by a combination of extraction and chemical synthesis:		2. Opiates. Unless specifically excepted or unless in another schedule any of the following opiates, including its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers whenever the existence of such isomers, esters, ethers, and salts is possible within the specific chemical designation, dextrorphan, and levopropoxyphene excepted:	
A. Opium and opiate; and any salt, compound, derivative, or preparation of opium or opiate, excluding apomorphine, thebaine-derived butorphanol, dextrorphan, nalbuphine, nalmefene, naloxegol, naloxone, and naltrexone and their respective salts, but including the following:		A. Alfentanil	9737
(I) Raw opium	9600	B. Alphaprodine	9010
(II) Opium extracts	9610	C. Anileridine	9020
(III) Opium fluid	9620	D. Bezitramide	9800
(IV) Powdered opium	9639	E. Bulk Dextropropoxyphene (Non-dosage Forms)	9273
(V) Granulated opium	9640	F. Carfentanil	9743
(VI) Tincture of opium	9630	G. Dihydrocodeine	9120
(VII) Codeine	9050	H. Diphenoxylate	9170
(VIII) Dihydroetorphine	9334	I. Fentanyl	9801
(IX) Ethylmorphine	9190	J. Isomethadone	9226
(X) Etorphine hydrochloride	9059	K. Levo-alphaacetylmethadol	
(XI) Hydrocodone	9193	Some other names: levo-alphaacetylmethadol,	
(XII) Hydromorphone	9150	levomethadyl acetate, LAAM	9648
(XIII) Metopon	9260	L. Levomethorphan	9210
(XIV) Morphine	9300	M. Levorphanol	9220
(XV) Oripavine	9330	N. Metazocine	9240
(XVI) Oxycodone	9143	O. Methadone	9250
		P. Methadone-Intermediate, 4-cyano-2-dimethylamino- 4,4-diphenyl butane	9254
		Q. Moramide-Intermediate, 2- methyl-3-morpholino-1, 1-diphenylpropane-carboxylic acid	9802
		R. Oliceridine (N-[(3-methoxythiophen-2-yl) methyl] (2-[(9R)-9-(pyridin-2-yl)-6-oxaspiro [4.5]decan-9-yl]ethyl)amine fumarate)	9245
		S. Pethidine (Meperidine)	9230
		T. Pethidine-Intermediate-A, 4-cyano-1-methyl-4-phenylpiperidine	9232
		U. Pethidine-Intermediate-B, ethyl-4-phenylpiperidine-4-carboxylate	9233
		V. Pethidine-Intermediate-C, 1- methyl-4-phenylpiperidine- 4-carboxylic acid	9234
		W. Phenazocine	9715

X. Piminodine	9730
Y. Racemethorphan	9732
Z. Racemorphan	9733
AA. Remifentanyl	9739
BB. Sufentanil	9740
CC. Tapentadol	9780
DD. Thiafentanyl	9729

3. Stimulants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system:

A. Amphetamine, its salts, optical isomers, and salts of its optical isomers	1100
B. Lisdexamfetamine, its salts, isomers, and salts of its isomers	1205
C. Methamphetamine, its salts, isomers, and salts of its isomers	1105
D. Phenmetrazine and its salts	1631
E. Methylphenidate	1724

4. Depressants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system, including its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

A. Amobarbital	2125
B. Glutethimide	2550
C. Pentobarbital	2270
D. Phencyclidine	7471
E. Secobarbital	2315

5. Hallucinogenic substances:

A. Nabilone	7379
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Another name for nabilone: (±)trans-3-(1, 1-dimethylheptyl)-6, 6a,7,8,10,10a-hexahydro-1-hydroxy-6, 6-dimethyl-9H-dibenzo(b,d)pyran-9-one.

B. Dronabinol [(-)-delta-9-*trans* tetrahydrocannabinol] in an oral solution in a drug product approved for marketing by the United States Food and Drug Administration. (7365)

6. Immediate precursors. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances:

A. Immediate precursor to amphetamine and methamphetamine:	
(I) Phenylacetone	8501
Some trade or other names: phenyl-2-propanone; P2P; benzyl methyl ketone; methyl benzyl ketone;	
B. Immediate precursors to phencyclidine (PCP):	
(I) 1-phenylcyclohexylamine	7460
(II) 1-piperidinocyclohexanecarbonitrile (PCC)	8603
C. Immediate precursor to fentanyl:	
(I) 4-anilino-N-phenethyl-4-piperidine (ANPP)	8333
(II) N-phenyl-N-(piperidin-4-yl)propionamide (norfentanyl)	8366

7. Any material, compound, mixture, or preparation which contains any quantity of the following alkyl nitrites:

- A. Amyl nitrite;
- B. Butyl nitrite.

(C) Schedule III shall consist of the drugs and other substances, by whatever official name, common or usual

name, chemical name, or brand name designated, listed in this section. Each drug or substance has been assigned the DEA Controlled Substances Code Number set forth opposite it.

1. Stimulants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system, including its salts, isomers (whether optical, position, or geometric), and salts of such isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

A. Those compounds, mixtures, or preparations in dosage unit form containing any stimulant substances listed in Schedule II which compounds, mixtures, or preparations were listed on August 25, 1971, as excepted compounds under 21 CFR 308.32 and any other drug of the quantitative composition shown in that list for those drugs or which is the same except that it contains a lesser quantity of controlled substances	1405
B. Benzphetamine	1228
C. Chlorphentermine	1645
D. Clortermine	1647
E. Phendimetrazine	1615

2. Depressants. Unless specifically excepted or unless listed in another schedule, any material compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system:

A. Any compound, mixture, or preparation containing –	
(I) Amobarbital	2126
(II) Secobarbital	2316
(III) Pentobarbital	2271

or any salt thereof and one (1) or more other active medicinal ingredients which are not listed in any schedule;

B. Any suppository dosage form containing –	
(I) Amobarbital	2126
(II) Secobarbital	2316
(III) Pentobarbital	2271

or any salt of any of these drugs and approved by the Food and Drug Administration for marketing only as a suppository;

C. Any substance which contains any quantity of a derivative of barbituric acid or any salt thereof	2100
D. Chlorhexadol	2510
E. Embutramide	2020

F. Any drug product containing gamma hydroxybutyric acid, including its salts, isomers, and salts of isomer, for which an application is approved under section 505 of the Federal Food, Drug, and Cosmetic Act;

G. Ketamine, its salts, isomer, and salts of isomers (some other names for ketamine: (±)-2-(2-chlorophenyl)-2-(methylamino)-cyclohexanone)	7285
H. Lysergic acid	7300
I. Lysergic acid amide	7310
J. Methylprylon	2575
K. Perampanel, and its salts, isomers, and salts of isomers	2261
L. Sulfondiethylmethane	2600
M. Sulfonethylmethane	2605
N. Sulfonmethane	2610

O. Tiletamine and zolazepam or any salt thereof 7295

Some trade or other names for a tiletaminezolazepam combination product: Telazol.

Some trade or other names for tiletamine: 2-(ethylamino)-2-(2-thienyl)-cyclohexanone.

Some trade or other names for zolazepam: 4-(2-fluorophenyl)-6-8-dihydro-1,3,8-trimethylpyrazolo-(3,4-e) (1,4)-diazepin-7(1H)-one, flupyzapapon.

3. Nalorphine 9400

4. Narcotics drugs. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing limited quantities of any of the following narcotic drugs or any salts thereof:

A. Not more than one and eight tenths grams (1.8gm) of codeine per one hundred milliliters (100 mL) or not more than ninety milligrams (90 mg) per dosage unit, with an equal or greater quantity of an isoquinoline alkaloid of opium 9803

B. Not more than one and eight tenths grams (1.8gm) of codeine per one hundred milliliters (100 mL) or not more than ninety milligrams (90 mg) per dosage unit, with one (1) or more active, nonnarcotic ingredients in recognized therapeutic amounts 9804

C. Not more than one and eight tenths grams (1.8gm) of dihydrocodeine per one hundred milliliters (100 mL) or not more than ninety milligrams (90 mg) per dosage unit, with one (1) or more active, nonnarcotic ingredients in recognized therapeutic amounts 9807

D. Not more than three hundred milligrams (300 mg) of ethylmorphine per one hundred milliliters (100 mL) or not more than fifteen milligrams (15 mg) per dosage unit, with one (1) or more active, nonnarcotic ingredients in recognized therapeutic amounts 9808

E. Not more than five hundred milligrams (500 mg) of opium per one hundred milliliters (100 mL) or per one hundred grams (100 gm) or not more than twenty-five milligrams (25 mg) per dosage unit, with one (1) or more active nonnarcotic ingredients in recognized therapeutic amounts 9809

F. Not more than fifty milligrams (50 mg) of morphine per one hundred milliliters (100 mL) or per one hundred grams (100 gm), with one (1) or more active, nonnarcotic ingredients in recognized therapeutic amounts 9810

5. Any material, compound, mixture, or preparation containing any of the following narcotic drugs or their salts, as set forth below:

A. Buprenorphine 9064

6. Anabolic steroids. *[Unless specially excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing any quantity of the following substances, including its salts, isomers, and salts of isomers whenever the existence of such salts of isomers is possible within the specific chemical designation. DEA has assigned code 4000 for all anabolic steroids. Anabolic steroids. Any drug or hormonal substance, chemically and pharmacologically related to testosterone (other than estrogens, progestins, corticosteroids, and dehydroepiandrosterone) that promotes muscle growth, except an anabolic steroid which is expressly intended for administration through implants to cattle or other nonhuman species and which has been approved by the Secretary of Health and Human Services for that administration. If any person prescribes, dispenses, or distributes such steroid for human use, such person shall be considered to have prescribed, dispensed, or distributed an anabolic steroid within the meaning of this paragraph. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing any quantity of the following substances, including its salts, esters, and ethers:*

A. $3\beta, 17\beta$ -dihydroxy-5 α -androstane

B. $3\alpha, 17\beta$ -dihydroxy-5 α -androstane

C. 5 α -androstan-3,17-dione

D. 1-androstenediol ($3\beta, 17\beta$ -dihydroxy-5 α -androst-1-ene)

E. 1-androstenediol ($3\alpha, 17\beta$ -dihydroxy-5 α -androst-1-ene)

F. 4-androstenediol ($3\beta, 17\beta$ -dihydroxy-androst-4-ene)

G. 5-androstenediol ($3\beta, 17\beta$ -dihydroxy-androst-5-ene)

H. 1-androstenedione ($[5\alpha]$ -androst-1-en-3,17-dione)

I. 4-androstenedione (androst-4-en-3,17-dione)

J. 5-androstenedione (androst-5-en-3,17-dione)

K. Bolasterone ($7\alpha, 17\alpha$ -dimethyl-17 β -hydroxyandrost-4-en-3-one)

L. Boldenone (17 β -hydroxyandrost-1,4-diene-3-one)

M. Boldione (androstra-1,4-diene-3,17-dione)

N. Calusterone ($7\beta, 17\alpha$ -dimethyl-17 β -hydroxyandrost-4-en-3-one)

O. Clostebol (4-chloro-17 β -hydroxyandrost-4-en-3-one)

P. Dehydrochloromethyltestosterone (4-chloro-17 β -hydroxy-17 α -methyl-androst-1,4-dien-3-one)

Q. Desoxymethyltestosterone (17 α -methyl-5 α -androst-2-en-17 β -ol) (a.k.a. madol)

R. $\Delta 1$ -dihydrotestosterone (a.k.a. '1-testosterone')(17 β -hydroxy-5 α -androst-1-en-3-one)

S. 4-dihydrotestosterone (17 β -hydroxy-androstan-3-one)

T. Drostanolone (17 β -hydroxy-2 α -methyl-5 α -androst-3-one)

U. Ethylestrenol (17 α -ethyl-17 β -hydroxyestr-4-ene)

V. Fluoxymesterone (9-fluoro-17 α -methyl-11 $\beta, 17\beta$ -dihydroxyandrost-4-en-3-one)

W. Formebolone (Formebolone) (2-formyl-17 α -methyl-11 $\alpha, 17\beta$ -dihydroxyandrost-1,4-dien-3-one)

X. Furazabol (17 α -methyl-17 β -hydroxyandrostano[2,3-c]-furazan)

Y. 13 β -ethyl-17 β -hydroxygon-4-en-3-one

Z. 4-hydroxytestosterone (4,17 β -dihydroxy-androst-4-en-3-one)

AA. 4-hydroxy-19-nortestosterone (4,17 β -dihydroxy-estr-4-en-3-one)

BB. Mestanolone (17 α -methyl-17 β -hydroxy-5 α -androst-3-one)

CC. Mesterolone (1 α -methyl-17 β -hydroxy-[5 α]-androst-3-one)

DD. Methandienone (17 α -methyl-17 β -hydroxyandrost-1,4-dien-3-one)

EE. Methandriol (17 α -methyl-3 $\beta, 17\beta$ -dihydroxyandrost-5-ene)

FF. Methasterone (2 $\alpha, 17\alpha$ -dimethyl-5 α -androst-17 β -ol-3-one)

GG. Methenolone (1-methyl-17 β -hydroxy-5 α -androst-1-en-3-one)

HH. 17 α -methyl-3 $\beta, 17\beta$ -dihydroxy-5 α -androstane

II. 17 α -methyl-3 $\alpha, 17\beta$ -dihydroxy-5 α -androstane

JJ. 17 α -methyl-3 $\beta, 17\beta$ -dihydroxyandrost-4-ene

KK. 17 α -methyl-4-hydroxyandrolone (17 α -methyl-4-hydroxy-17 β -hydroxyestr-4-en-3-one)

LL. Methyldienolone (17 α -methyl-17 β -hydroxyestra-4,9(10)-dien-3-one)

MM. Methyltrienolone (17 α -methyl-17 β -hydroxyestra-4,9,11-trien-3-one)

NN. Methyltestosterone (17 α -methyl-17-hydroxyandrost-4-en-3-one)

OO. Mibolerone (7 $\alpha, 17\alpha$ -dimethyl-17 β -hydroxyestr-4-en-3-one)

PP. 17 α -methyl- $\Delta 1$ -dihydrotestosterone (17 β -hydroxy-

17 α -methyl-5 α -androst-1-en-3-one) (a.k.a. 17- α -methyl-1-testosterone)

QQ. Nandrolone (17 β -hydroxyestr-4-ene-3-one)

RR. 19-nor-4-androstenediol (3 β ,17 β -dihydroxyestr-4-ene)

SS. 19-nor-4-androstenediol (3 α ,17 β -dihydroxyestr-4-ene)

TT. 19-nor-4,9(10)-androstadienedione (estra-4,9(10)-diene-3,17-dione)

UU. 19-nor-5-androstenediol (3 β ,17 β -dihydroxyestr-5-ene)

VV. 19-nor-5-androstenediol (3 α ,17 β -dihydroxyestr-5-ene)

WW. 19-nor-4-androstenedione (estr-4-en-3,17-dione)

XX. 19-nor-5-androstenedione (estr-5-en-3,17-dione)

YY. Norbolethone (13 β ,17 α -diethyl-17 β -hydroxygon-4-en-3-one)

ZZ. Norclostebol (4-chloro-17 β -hydroxyestr-4-en-3-one)

AAA. Norethandrolone (17 α -ethyl-17 β -hydroxyestr-4-en-3-one)

BBB. Normethandrolone (17 α -methyl-17 β -hydroxyestr-4-en-3-one)

CCC. Oxandrolone (17 α -methyl-17 β -hydroxy-2-oxa-[5 α]-androstan-3-one)

DDD. Oxymesterone (17 α -methyl-4,17 β -dihydroxyandrost-4-en-3-one)

EEE. Oxymetholone (17 α -methyl-2-hydroxymethylene-17 β -hydroxy-[5 α]-androstan-3-one)

FFF. Prostanazol (17 β -hydroxy-5 α -androstanol[3,2-c]pyrazole)

GGG. Stanolone (Δ 1-dihydrotestosterone (a.k.a. 1-testosterone)(17 β -hydroxy-5 α -androst-1-en-3-one))

HHH. Stanozolol (17 α -methyl-17 β -hydroxy-[5 α]-androst-2-eno[3,2-c]-pyrazole)

III. Stenbolone (17 β -hydroxy-2-methyl-[5 α]-androst-1-en-3-one)

JJJ. Testolactone(13-hydroxy-3-oxo-13,17-secoandrosta-1,4-dien-17-oic acid lactone)

KKK. Testosterone(17 β -hydroxyandrost-4-en-3-one);

LLL. Tetrahydrogestrinone (13 β ,17 α -diethyl-17 β -hydroxygon-4,9,11-trien-3-one)

MMM. Trenbolone (17 β -hydroxyestr-4,9,11-trien-3-one)

NNN. Any salt, ester, or isomer of a drug or substance described or listed in this subparagraph, if that salt, ester, or isomer promotes muscle growth except an anabolic steroid which is expressly intended for administration through implants to cattle or other nonhuman species and which has been approved by the Secretary of Health and Human Services for that administration.]

Unless specifically excepted or unless listed in another schedule, any substance meeting the definition of anabolic steroid as set forth in 21 CFR 1300.01, of the August 1, 2023, Code of Federal Regulations, as published by the Office of the Federal Register, National Archives and Records Administration, 700 Pennsylvania Avenue, Washington, DC 20408 which is hereby incorporated by reference and does not include later amendments or additions, including any material, compound, mixture or preparation containing any quantity of the following substances, including its salts, esters and ethers (4000):

A. 5 α -androstan-3,17-dione;

B. 5 α -androstan-3,6,17-trione;

C. 1-androstenediol (3 β ,17 β -dihydroxy-5 α -androst-1-ene);

D. 1-androstenediol (3 α ,17 β -dihydroxy-5 α -androst-1-

ene);

E. 4-androstenediol (3 β ,17 β -dihydroxy-androst-4-ene);

F. 5-androstenediol (3 β ,17 β -dihydroxy-androst-5-ene);

G. 1-androstenedione (5 α -androst-1-en-3,17-dione);

H. 4-androstenedione (androst-4-en-3,17-dione);

I. 5-androstenedione (androst-5-en-3,17-dione);

J. bolasterone (7 α ,17 α -dimethyl-17 β -hydroxyandrost-4-en-3-one);

K. boldenone (17 β -hydroxyandrost-1,4-diene-3-one);

L. boldione (androsta-1,4-diene-3,17-dione);

M. 6-bromo-androsta-1,4-diene-3,17-dione;

N. 6-bromo-androstan-3,17-dione;

O. calusterone (7 β ,17 α -dimethyl-17 β -hydroxyandrost-4-en-3-one);

P. 4-chloro-17 α -methyl-androsta-1,4-diene-3,17 β -diol;

Q. 4-chloro-17 α -methyl-androst-4-ene-3 β ,17 β -diol;

R. 4-chloro-17 α -methyl-17 β -hydroxy-androst-4-en-3-one;

S. 4-chloro-17 α -methyl-17 β -hydroxy-androst-4-ene-3,11-dione;

T. clostebol (4-chloro-17 β -hydroxyandrost-4-en-3-one);

U. dehydrochloromethyltestosterone (4-chloro-17 β -hydroxy-17 α -methyl-androst-1,4-dien-3-one);

V. desoxymethyltestosterone (17 α -methyl-5 α -androst-2-en-17 β -ol) (a.k.a. "madol");

W. 4-dihydrotestosterone (17 β -hydroxy-androstan-3-one);

X. Δ 1-dihydrotestosterone (a.k.a. "1-testosterone") (17 β -hydroxy-5 α -androst-1-en-3-one);

Y. 3 β ,17 β -dihydroxy-5 α -androstane;

Z. 3 α ,17 β -dihydroxy-5 α -androstane;

AA. 2 α ,17 α -dimethyl-17 β -hydroxy-5 β -androstan-3-one;

BB. drostanolone (17 β -hydroxy-2 α -methyl-5 α -androstan-3-one);

CC. 2 α ,3 α -epithio-17 α -methyl-5 α -androstan-17 β -ol;

DD. estra-4,9,11-triene-3,17-dione;

EE. 13 β -ethyl-17 β -hydroxygon-4-en-3-one;

FF. ethylestrenol (17 α -ethyl-17 β -hydroxyestr-4-ene);

GG. fluoxymesterone (9-fluoro-17 α -methyl-11 β ,17 β -dihydroxyandrost-4-en-3-one);

HH. formebolone (2-formyl-17 α -methyl-11 α ,17 β -dihydroxyandrost-1,4-dien-3-one);

II. furazabol (17 α -methyl-17 β -hydroxyandrostano[2,3-c]furazan);

JJ. [3,2-c]furazan-5 α -androstan-17 β -ol;

KK. 18 α -homo-3-hydroxy-estra-2,5(10)-dien-17-one;

LL. 4-hydroxy-19-nortestosterone (4,17 β -dihydroxy-estr-4-en-3-one);

MM. 4-hydroxy-androst-4-ene-3,17-dione;

NN. 17 β -hydroxy-androstano[2,3-d]isoxazole;

OO. 17 β -hydroxy-androstano[3,2-c]isoxazole;

PP. 3 β -hydroxy-estra-4,9,11-trien-17-one;

QQ. 4-hydroxytestosterone (4,17 β -dihydroxy-androst-4-en-3-one);

RR. mestanolone (17 α -methyl-17 β -hydroxy-5 α -androstan-3-one);

SS. mesterolone (1 α -methyl-17 β -hydroxy-5 α -androstan-3-one);

TT. methandienone (17 α -methyl-17 β -hydroxyandrost-1,4-dien-3-one);

UU. methandriol (17 α -methyl-3 β ,17 β -

dihydroxyandrost-5-ene);

VV. methasterone (2 α ,17 α -dimethyl-5 α -androst-17 β -ol-3-one or 2 α ,17 α -dimethyl-17 β -hydroxy-5 α -androst-3-one);

WW. methenolone (1-methyl-17 β -hydroxy-5 α -androst-1-en-3-one);

XX. 17 α -methyl-androsta-1,4-diene-3,17 β -diol;

YY. 17 α -methyl-5 α -androst-17 β -ol;

ZZ. 17 α -methyl-androst-3-hydroxyimine-17 -ol;

AAA. 6 α -methyl-androst-4-ene-3,17-dione;

BBB. 17 α -methyl-androst-2-ene-3,17 β -diol;

CCC. 17 α -methyl-3 β ,17 β -dihydroxy-5 α -androstane;

DDD. 17 α -methyl-3 α ,17 β -dihydroxy-5 α -androstane;

EEE. 17 α -methyl-3 β ,17 β -dihydroxyandrost-4-ene;

FFF. 17 α -methyl-4-hydroxynandrolone (17 α -methyl-4-hydroxy-17 β -hydroxyestr-4-en-3-one);

GGG. methyldienolone (17 α -methyl-17 β -hydroxyestr-4,9(10)-dien-3-one);

HHH. 17 α -methyl- Δ 1-dihydrotestosterone (17 β -hydroxy-17 α -methyl-5 α -androst-1-en-3-one) (a.k.a. "17 α -methyl-1-testosterone");

III. methyltestosterone (17 α -methyl-17 β -hydroxyandrost-4-en-3-one);

JJJ. methyltrienolone (17 α -methyl-17 β -hydroxyestr-4,9,11-trien-3-one);

KK. mibolerone (7 α ,17 α -dimethyl-17 β -hydroxyestr-4-en-3-one);

LLL. nandrolone (17 β -hydroxyestr-4-en-3-one);

MMM. 19-nor-4-androstenediol (3 β ,17 β -dihydroxyestr-4-ene);

NNN. 19-nor-4-androstenediol (3 α ,17 β -dihydroxyestr-4-ene);

OOO. 19-nor-5-androstenediol (3 β ,17 β -dihydroxyestr-5-ene);

PPP. 19-nor-5-androstenediol (3 α ,17 β -dihydroxyestr-5-ene);

QQQ. 19-nor-4,9(10)-androstadienedione (estr-4,9(10)-diene-3,17-dione);

RRR. 19-nor-4-androstenedione (estr-4-en-3,17-dione);

SSS. 19-nor-5-androstenedione (estr-5-en-3,17-dione);

TTT. norbolethone (13 β ,17 α -diethyl-17 β -hydroxygon-4-en-3-one);

UUU. norclostebol (4-chloro-17 β -hydroxyestr-4-en-3-one);

VVV. norethandrolone (17 α -ethyl-17 β -hydroxyestr-4-en-3-one);

WWW. normethandrolone (17 α -methyl-17 β -hydroxyestr-4-en-3-one);

XXX. oxandrolone (17 α -methyl-17 β -hydroxy-2-oxa-5 α -androst-3-one);

YYY. oxymesterone (17 α -methyl-4,17 β -dihydroxyandrost-4-en-3-one);

ZZZ. oxymetholone (17 α -methyl-2-hydroxymethylene-17 β -hydroxy-5 α -androst-3-one);

AAAA. prostanazol (17 β -hydroxy-5 α -androstano[3,2-c]pyrazole or [3,2-c]pyrazole-5 α -androst-17 β -ol);

BBBB. [3,2-c]pyrazole-androst-4-en-17 β -ol;

CCCC. stanozolol (17 α -methyl-17 β -hydroxy-5 -androst-2-eno[3,2-c]-pyrazole);

DDDD. stenbolone (17 β -hydroxy-2-methyl-5 α -androst-1-en-3-one);

EEEE. testolactone (13-hydroxy-3-oxo-13,17-secoandrost-1,4-dien-17-oic acid lactone);

FFFF. testosterone (17 β -hydroxyandrost-4-en-3-one);

GGGG. tetrahydrogestrinone (13 β ,17 α -diethyl-17 β -hydroxygon-4,9,11-trien-3-one); and

HHHH. trenbolone (17 β -hydroxyestr-4,9,11-trien-3-one).

7. Dronabinol (synthetic) in sesame oil and encapsulated in a soft gelatin capsule in a United States Food and Drug Administration approved drug product 7369

(Some other names for dronabinol: (6aRtrans)- 6a,7,8,10a-tetrahydro-6.6.9-trimethyl-3-pentyl-6H-dibenzo (b,d) pyran-1-ol, or (-)-delta-9-(trans)-tetrahydrocannabinol.)

(D) Schedule IV shall consist of the drugs and other substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this subsection. Each drug or substance has been assigned the DEA Controlled Substances Code Number set forth opposite it.

1. Narcotic drugs. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing limited quantities of any of the following narcotic drugs or any salts thereof:

A. Not more than one milligram (1 mg) of difenoxin (DEA Drug Code No. 9168) and not less than twenty-five micrograms (25 mcg) of atropine sulfate per dosage unit 9167

B. Dextropropoxyphene (alpha-(+)-4-dimethylamino-1,2-diphenyl-3-methyl-2-propionoxybutane) 9278

C. 2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol, its salts, optical and geometric isomers, and salts of these isomers (including tramadol) 9752

D. Narcotic drugs containing nonnarcotic active medicinal ingredients. Any compound, mixture, or preparation containing any of the following limited quantities of narcotic drugs or salts thereof, which shall include one (1) or more nonnarcotic active medicinal ingredients in sufficient proportion to confer upon the compound, mixture, or preparation valuable medicinal qualities other than those possessed by the narcotic drug alone:

(I) Not more than two hundred milligrams (200 mg) of codeine per one hundred milliliters (100 mL) or per one hundred grams (100 gm);

(II) Not more than one hundred milligrams (100 mg) of dihydrocodeine per one hundred milliliters (100 mL) or per one hundred grams (100 gm); or

(III) Not more than one hundred milligrams (100 mg) of ethylmorphine per one hundred milliliters (100 mL) or per one hundred grams (100 gm).

2. Depressants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

A. Alfaxalone 2731

B. Alprazolam 2882

C. Barbital 2145

D. Brexanolone 2400

E. Bromazepam 2748

F. Camazepam 2749

G. Carisoprodol 8192

H. Chloral betaine 2460

I. Chloral hydrate 2465

J. Chlordiazepoxide 2744

K. Clobazam 2751

L. Clonazepam 2737

M. Clorazepate 2768

N. Clotiazepam 2752

O. Cloxazolam 2753

P. Daridorexant	2410	D. Fenproporex	1575
Q. Delorazepam	2754	E. Mazindol	1605
R. Diazepam	2765	F. Mefenorex	1580
S. Dichloralphenazone	2467	G. Modafinil	1680
T. Estazolam	2756	H. Pemoline (including organometallic complexes and chelates thereof)	1530
U. Ethchlorvynol	2540	I. Phentermine	1640
V. Ethinamate	2545	J. Pipradrol	1750
W. Ethyl loflazepate	2758	K. Serdexmethylphenidate	1729
X. Fludiazepam	2759	L. Sibutramine	1675
Y. Flunitrazepam	2763	M. Solriamfetol (2-amino-3-phenylpropyl carbamate; benzenepropanol, beta-amino-, carbamate (ester))	1650
Z. Flurazepam	2767	N. SPA (-)-1-dimethylamino-1,2-diphenylethane	1635
AA. Fospropofol	2138		
BB. Halazepam	2762		
CC. Haloxazolam	2771		
DD. Ketazolam	2772		
EE. Lemborexant	2245		
FF. Loprazolam	2773		
GG. Lorazepam	2885		
HH. Lormetazepam	2774		
II. Mebutamate	2800		
JJ. Medazepam	2836		
KK. Meprobamate	2820		
LL. Methohexital	2264		
MM. Methylphenobarbital (Mephobarbital)	2250		
NN. Midazolam	2884		
OO. Nimetazepam	2837		
PP. Nitrazepam	2834		
QQ. Nordiazepam	2838		
RR. Oxazepam	2835		
SS. Oxazolam	2839		
TT. Paraldehyde	2585		
UU. Petrichloral	2591		
VV. Phenobarbital	2285		
WW. Pinazepam	2883		
XX. Prazepam	2764		
YY. Quazepam	2881		
ZZ. Remimazolam	2846		
AAA. Suvorexant	2223		
BBB. Temazepam	2925		
CCC. Tetrazepam	2886		
DDD. Triazolam	2887		
EEE. Zaleplon	2781		
FFF. Zolpidem	2783		
GGG. Zopiclone	2784		

[3. *Fenfluramine*. Any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts, isomers (whether optical, position, or geometric), and salts of such isomers, whenever the existence of such salts, isomers, and salts of isomers is possible:

A. *Fenfluramine* 1670]

[4.]3. Lorcaserin. Any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts, isomers, and salts of isomers, whenever the existence of such salts, isomers, and salts of isomers is possible:

A. Lorcaserin 1625

[5.]4. Stimulants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system, including its salts, isomers, and salts of isomers:

A. Cathine (+)-norpseudoephedrine 1230
B. Diethylpropion 1610
C. Fencamfamin 1760

[6.]5. Other substances. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts:

A. Pentazocine 9709
B. Butorphanol (including its optical isomers) 9720
C. Eluxadolone (5-[[[(2S)-2-amino-3-[4-aminocarbonyl]-2,6-dimethylphenyl]-1-oxopropyl] [(1S)-1-(4-phenyl-1*H*-imidazol-2-yl)ethyl]amino]methyl]-2-methoxybenzoic acid) (including its optical isomers) and its salts, isomers, and salts of isomers 9725

[7.]6. Ephedrine. Any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system including their salts, isomers, and salts of isomers:

A. Ephedrine or its salts, optical isomers, or salts of optical isomers as the only active medicinal ingredient or contains ephedrine or its salts, optical isomers, or salts of optical isomers and therapeutically insignificant quantities of another active medicinal ingredient.

(E) Schedule V shall consist of the drugs and other substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this subsection.

1. Narcotic drugs containing nonnarcotic active medicinal ingredients. Any compound, mixture, or preparation containing any of the following narcotic drugs, or their salts calculated as the free anhydrous base or alkaloid, in limited quantities as follows, which shall include one (1) or more nonnarcotic active medicinal ingredients in sufficient proportion to confer upon the compound, mixture, or preparation valuable medicinal qualities other than those possessed by the narcotic drug alone:

A. Not more than two hundred milligrams (200 mg) of codeine per one hundred milliliters (100 mL) or per one hundred grams (100 gm);

B. Not more than one hundred milligrams (100 mg) of dihydrocodeine per one hundred milliliters (100 mL) or per one hundred grams (100 gm);

C. Not more than one hundred milligrams (100 mg) of ethylmorphine per one hundred milliliters (100 mL) or per one hundred grams (100 gm);

D. Not more than two and five-tenths milligrams (2.5 mg) of diphenoxylate and not less than twenty-five micrograms (25 mcg) of atropine sulfate per dosage unit;

E. Not more than one hundred milligrams (100 mg) of opium per one hundred milliliters (100 mL) or per one hundred grams (100 gm); and

F. Not more than five-tenths milligram (0.5 mg) of difenoxin (DEA Drug Code No. 9168) and not less than twenty-five micrograms (25 mcg) of atropine sulfate per dosage unit.

2. Stimulants. Unless specifically exempted or excluded or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system including its salts, isomers, and salts of isomers:

A. Pyrovalerone 1485

3. Any compound, mixture, or preparation containing any detectable quantity of pseudoephedrine or its salts or optical isomers, or salts of optical isomers or any compound, mixture, or preparation containing any detectable quantity of ephedrine or its salts or optical isomers, or salts of optical isomers if the drug preparations are starch-based solid dose forms, if such preparations are sold over the counter without a prescription. The following drug preparations containing ephedrine and pseudoephedrine are not scheduled controlled substances:

A. Drug preparations in liquid form; and

B. Drug preparations that require a prescription in order to be dispensed.

4. Unless specifically exempted or excluded or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system, including its salts:

A. Ezogabine [N-[2-amino-4(4- fluorobenzylamino)-phenyl]-carbamic acid ethyl ester] 2779

B. Ganaxolone (3 α -hydroxy-3 β -methyl-5 α -pregnan-20-one) 2401

C. Lacosamide [(R)-2-acetoamido-N-benzyl-3-methoxy-propionamide] 2746

D. Pregabalin [(S)-3-(aminomethyl)-5-methylhexanoic acid] 2782

E. Brivaracetam ((2S)-2-[(4R)-2-oxo-4-propylpyrrolidin-1-yl]butanamide) (also referred to as BRV; UCB-34714; Briviact) 2710

F. Lasmiditan [2,4,6-trifluoro-N-(6-(1-methylpiperidine-4-carbonyl) pyridine-2-yl)-benzamide] 2790

G. Cenobamate (((1R)-1-(2-chlorophenyl)-2-(tetrazol-2-yl)ethyl] carbamate; 2H-tetrazole-2-ethanol, alpha-(2-chlorophenyl)-, carbamate (ester), (alphaR)-; carbamic acid (R)-(+)-1-(2-chlorophenyl)-2-(2H-tetrazol-2-yl)ethyl ester) 2720

*AUTHORITY: section 195.015, RSMo Supp. [2022] 2023, and section 195.195, RSMo 2016. Material found in this rule previously filed as 19 CSR 30-1.010. Original rule filed April 14, 2000, effective Nov. 30, 2000. For intervening history, please consult the **Code of State Regulations**. Emergency amendment filed Sept. 25, 2023, effective Oct. 10, 2023, expires April 6, 2024. A proposed amendment covering the same material is published in this issue of the **Missouri Register**.*

PUBLIC COST: This emergency amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the time the emergency is effective.

PRIVATE COST: This emergency amendment will not cost private entities more than five hundred dollars (\$500) in the time the emergency is effective.

The text of proposed rules and changes will appear under this heading. A notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This explanation is set out in the PURPOSE section of each rule. A citation of the legal authority to make rules is also required, and appears following the text of the rule, after the word "Authority."

Entirely new rules are printed without any special symbology under the heading of proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules that are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

An important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

If an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

An agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close-of-comments date will be used as the beginning day in the ninety- (90-) day count necessary for the filing of the order of rulemaking.

If an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice, file a new notice of proposed rulemaking, and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

Proposed Amendment Text Reminder:

Boldface text indicates new matter.

[Bracketed text indicates matter being deleted.]

**TITLE 10 – DEPARTMENT OF NATURAL RESOURCES
Division 10 – Air Conservation Commission
Chapter 6 – Air Quality Standards, Definitions,
Sampling and Reference Methods and Air Pollution
Control Regulations for the Entire State of Missouri**

PROPOSED AMENDMENT

10 CSR 10-6.020 Definitions and Common Reference Tables.

The commission proposes to amend section (2) and subsection (3)(C). The evidence supporting the need for this proposed rulemaking is available for viewing at the Missouri Department of Natural Resources' Air Pollution Control Program at the address listed in the Notice of Public Hearing at the end of this rule. More information concerning this rulemaking can be found at the Missouri Department of Natural Resources' Proposed Rules website, <https://apps5.mo.gov/proposed-rules/welcome.action#OPEN>.

PURPOSE: The primary purpose of this amendment is to remove definitions that are no longer needed, either because the definitions have been added into their applicable rule(s), the terms are already defined in statute, or the applicable rule(s) have been rescinded. Additionally, the list of Hazardous Air Pollutants and Exempt Volatile Organic Compounds will be updated to match the current lists dictated in the Clean Air Act section 112(b)(1) and 40 CFR 51.100(s), respectively.

(2) Definitions.

(A) All terms beginning with A.

[1. Abatement project designer—An individual who designs or plans asbestos abatement.

2. ABS plastic solvent welding—A process to weld acrylonitrile-butadiene-styrene pipe.

3. Account certificate of representation—The completed and signed submission for certifying the designation of a nitrogen oxides (NO_x) authorized account representative for an affected unit or a group of identified affected units who is authorized to represent the owners or operators of such unit(s) and of the affected units at such source(s) with regard to matters under a NO_x trading program.]

[4.]1. Account holder—Any person that chooses to participate in the emission reduction credit (ERC) program by generating, buying, selling, or trading ERCs.

[5. Account number—The identification number given to each NO_x allowance tracking system account.]

[6.]2. Acid rain emissions limitation – As defined in 40 CFR 72.2, a limitation on emissions of sulfur dioxide or nitrogen oxides under the Acid Rain Program under Title IV of the Clean Air Act.

[7.]3. Act—The Clean Air Act, 42 U.S.C. 7401. References to the word Title pertain to the titles of the Clean Air Act Amendments of 1990, P.L. 101-549.

[8.]4. Active collection system – A gas collection system that uses gas mover equipment.

[9.]5. Active landfill – A landfill in which solid waste is being placed or a landfill that is planned to accept waste in the future.

[10.]6. Activity level – Defined as follows:

A. For the purpose of 10 CSR 10-6.410, the amount of activity at a source measured in terms of production, use, raw materials input, vehicle miles traveled, or other similar units that have a direct correlation with the economic output of the source and is not affected by changes in the emissions rate (i.e., mass per unit of activity); and

B. For all other purposes, the measurable factor or parameter that relates directly or indirectly to the emissions of an air pollution source. Depending on the source category, activity information includes[,] but is not limited to[,] the amount of fuel combusted, raw material processed, product manufactured, or material handled or processed.

[11.]7. Actual emissions – The actual rate of emissions of a pollutant from a source operation is determined as follows:

A. Actual emissions as of a particular date shall equal the average rate, in tons per year, at which the source operation or installation actually emitted the pollutant during the previous two- (2)-[-]/year period and which represents normal operation. A different time period for averaging may be used if the director determines it to be more representative. Actual emissions shall be calculated using actual operating hours, production rates, and types of materials processed, stored, or combusted during the selected time period;

B. The director may presume that source-specific allowable emissions for a source operation or installation are equivalent to the actual emissions of the source operation or

installation; and

C. For source operations or installations, which have not begun normal operations on the particular date, actual emissions shall equal the potential emissions of the source operation or installation on that date.

[12.] *Adhesion primer*—A coating that is applied to a polyolefin part to promote the adhesion of a subsequent coating. An adhesion primer is clearly identified as an adhesion primer or adhesion promoter on its material safety data sheet.]

[13.] **8.** Adhesive – Any chemical substance that is applied for the purpose of bonding two (2) surfaces together other than by mechanical means. For the purpose of 10 CSR 10-5.330, an adhesive is considered a surface coating.

[14.] *Adhesive application process*—A series of one (1) or more adhesive applicators and any associated drying area and/or oven wherein an adhesive is applied, dried, and/or cured. An application process ends at the point where the adhesive is dried or cured, or prior to any subsequent application of a different adhesive. It is not necessary for an application process to have an oven or flash-off area.

15. *Adhesive primer*—A product intended by the manufacturer for application to a substrate, prior to the application of an adhesive, to provide a bonding surface.]

[16.] **9.** Administrator – Defined as follows:

A. For the purpose of 10 CSR 10-6.360, the administrator of the U.S. Environmental Protection Agency (EPA) or the administrator's duly authorized representative; and

B. For all other purposes, the regional administrator for Region VII, EPA.

[17.] **10.** Adsorption cycle—The period during which the adsorption system is adsorbing and not desorbing.

[18.] **11.** Adverse impact on visibility—The visibility impairment which interferes with the protection, preservation, management, or enjoyment of the visitor's visual experience of a Class I area, which is an area designated as Class I in 10 CSR 10-6.060(11)(A). This determination must be made on a case-by-case basis taking into account the geographic extent, intensity, duration, frequency, and time of visibility impairments and how these factors correlate with the times of visitor use of the Class I area and the frequency and timing of natural conditions that reduce visibility.

[19.] **12.** Aerospace manufacture and/or rework facility – Any installation that produces, reworks, or repairs in any amount any commercial, civil, or military aerospace vehicle or component.

[20.] **13.** Aerospace vehicle or component – Any fabricated part, processed part, assembly of parts, or completed unit, with the exception of electronic components, of any aircraft.

[21.] *Affected federal land manager*—For the purpose of 10 CSR 10-6.300, the federal agency or the federal official charged with direct responsibility for management of an area designated as Class I under the Clean Air Act (42 U.S.C. 7472) that is located within one hundred kilometers (100 km) of the proposed federal action.

22. *Affected source*—Defined as follows:

A. For the purpose of 10 CSR 10-5.530, a wood furniture manufacturing facility that meets the criteria listed in subsections (1)(A) and (1)(B) of 10 CSR 10-5.530; and

B. For all other purposes, a source that includes one (1) or more emission units subject to emission reduction requirements or limitations under Title IV of the Act.]

14. *Affected source*—A source that includes one (1) or more emission units subject to emission reduction requirements or limitations under Title IV of the Act.

[23.] **15.** Affected states—All states contiguous to the permitting state whose air quality may be affected by the

permit, permit modification, or permit renewal; or is within fifty (50) miles of a source subject to permitting under Title V of the Act.

[24.] **16.** Affected unit – A unit that is subject to emission reduction requirements or limitations under Title IV of the Act.

[25.] *Affiliate*—Any person, including an individual, corporation, service company, corporate subsidiary, firm, partnership, incorporated or unincorporated association, political subdivision including a public utility district, city, town, county, or a combination of political subdivisions, that directly or indirectly, through one (1) or more intermediaries, controls, is controlled by, or is under common control with the regulated electrical corporation.]

[26.] **17.** Air cleaning device – Any method, process, or equipment which removes, reduces, or renders less obnoxious air contaminants discharged into the ambient air.

[27.] **18.** Air contaminant – Any particulate matter or any gas or vapor or any combination of them.

[28.] **19.** Air contaminant source – Any and all sources of emission of air contaminants whether privately or publicly owned or operated.

[29.] *Air-dried coating*—The coatings dried by the use of air or forced warm air at temperatures up to ninety degrees Celsius (90 °C) (one hundred ninety-four degrees Fahrenheit (194 °F)).]

[30.] **20.** Air pollutant – Agent, or combination of agents, including any physical, chemical, biological, radioactive (including source material, special nuclear material, and by-product material) substance, or matter which is emitted into or otherwise enters the ambient air. Such term includes any precursors to the formation of any air pollutant, to the extent the administrator of the U.S. Environmental Protection Agency, or the administrator's duly authorized representative has identified such precursor(s) for the particular purpose for which the term air pollutant is used.

[31.] **21.** Air pollution – The presence in the ambient air of one (1) or more air contaminants in quantities, of characteristics, and of a duration which directly and approximately cause or contribute to injury to human, plant, or animal life or health, or to property or which unreasonably interfere with the enjoyment of life or use of property.

[32.] **22.** Air pollution alert – The level of an air pollution episode known as an air pollution alert is that condition when the concentration of air contaminants reaches the level at which the first stage control actions are to begin.

[33.] **23.** Air Stagnation Advisory – A special bulletin issued by the National Weather Service entitled Air Stagnation Advisory, which is used to warn air pollution control agencies that stagnant atmospheric conditions are expected which could cause increased concentrations of air contaminants near the ground.

[34.] *Air-tight cleaning system*—A degreasing machine that is automatically operated and seals at a differential pressure no greater than one-half (0.5) pound per square inch gauge (psig) during all cleaning and drying cycles.

35. *Airless cleaning system*—A degreasing machine that is automatically operated and seals at a differential pressure of twenty-five (25) torr (twenty-five millimeters of mercury (25 mmHg) (0.475 pounds per square inch (psi)) or less, prior to the introduction of solvent vapor into the cleaning chamber and maintains differential pressure under vacuum during all cleaning and drying cycles.

36. *Alcohol*—Refers to isopropanol, isopropyl alcohol, normal propyl alcohol, or ethanol.

37. *Alcohol substitutes*—Nonalcohol additives that contain volatile organic compounds and are used in fountain solution.]

[38.]24. Allocate or allocation—The determination by the director or the administrator of the number of NO_x allowances to be initially credited to a NO_x budget unit or an allocation set-aside.

[39.]25. Allowable emissions—The emission rate calculated using the maximum rated capacity of the installation (unless the source is subject to enforceable permit conditions which limit the operating rate or hours of operation, or both) and the most stringent of the following:

- A. Emission limit established in any applicable emissions control rule including those with a future compliance date; or
- B. The emission rate specified as a permit condition.

[40. Allowance—An authorization, allocated to an affected unit by the administrator under Title IV of the Act, to emit, during or after a specified calendar year, one (1) ton of sulfur dioxide (SO₂).]

[41.]26. Alternate authorized account representative—The alternate person who is authorized by the owners or operators of the unit to represent and legally bind each owner and operator in matters pertaining to the Emissions Banking and Trading Program or any other trading program in place of the authorized account representative.

[42. Alternate site analysis—An analysis of alternative sites, sizes, production processes, and environmental control techniques for the proposed source which demonstrates that benefits of the proposed installation significantly outweigh the environmental and social costs imposed as a result of its location, construction, or modification.

43. Alternative method—Any method of sampling and analyzing for an air pollutant that is not a reference or equivalent method but that has been demonstrated to the director's satisfaction to, in specific cases, produce results adequate for a determination of compliance.]

[44.]27. Ambient air—That portion of the atmosphere, external to buildings, to which the general public has access.

[45. Ambient air increments—The limited increases of pollutant concentrations in ambient air over the baseline concentration.

46. Ancillary refueling system—Any gasoline-dispensing installation, including related equipment, that shares a common storage tank with an initial fueling system. The purpose of an ancillary refueling system is to refuel in-use motor vehicles equipped with onboard refueling vapor recovery at automobile assembly plants.]

[47.]28. Animal matter—Any product or derivative of animal life.

[48.]29. Anode bake plant—A facility which produces carbon anodes for use in a primary aluminum reduction installation.

[49. Antifoulant coating—A coating applied to the underwater portion of a pleasure craft to prevent or reduce the attachment of biological organisms and registered with the U.S. Environmental Protection Agency as a pesticide under the Federal Insecticide, Fungicide, and Rodenticide Act (7 U.S.C. 136).

50. Antifoulant sealer/tie coating—A coating applied over biocidal antifoulant coating for the purpose of preventing release of biocides into the environment and/or to promote adhesion between an antifoulant and a primer or other antifoulant.

51. Antique aerospace vehicle or component—An aircraft or component thereof that was built at least thirty (30) years ago. An antique aerospace vehicle would not routinely be in commercial or military service in the capacity for which it was designed.]

[52.]30. Applicability analysis—The process of determining if the federal action must be supported by a conformity

determination.

[53.]31. Applicable implementation plan or applicable state implementation plan (SIP)—The portion (or portions) of the SIP or most recent revision thereof, which has been approved under section 110(k) of the Act, a federal implementation plan promulgated under section 110(c) of the Act, or a plan promulgated or approved pursuant to section 301(d) of the Act (tribal implementation plan) and which implements the relevant requirements of the Act.

[54.]32. Applicable requirement—All of the following listed in the Act:

A. Any standard or requirement provided for in the implementation plan approved or promulgated by the U.S. Environmental Protection Agency through rulemaking under Title I of the Act that implements the relevant requirements, including any revisions to that plan promulgated in 40 CFR 52;

B. Any term or condition of any preconstruction permit issued pursuant to regulations approved or promulgated through rulemaking under Title I, including part C or D of the Act;

C. Any standard or requirement under section 111 of the Act, including section 111(d);

D. Any standard or requirement under section 112 of the Act, including any requirement concerning accident prevention under section 112(r)(7);

E. Any standard or requirement of the Acid Rain Program under Title IV of the Act or the regulations promulgated under it;

F. Any requirements established pursuant to section 504(b) or section 114(a)(3) of the Act;

G. Any standard or requirement governing solid waste incineration under section 129 of the Act;

H. Any standard or requirement for consumer and commercial products under section 183(e) of the Act;

I. Any standard or requirement for tank vessels under section 183(f) of the Act;

J. Any standard or requirement of the program to control air pollution from outer continental shelf sources under section 328 of the Act;

K. Any standard or requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the Act, unless the administrator has determined that these requirements need not be contained in a Title V permit;

L. Any national ambient air quality standard or increment or visibility requirement under part C of Title I of the Act, but only as it would apply to temporary sources permitted pursuant to section 504(e); and

M. Any standard or requirement established in 643.010–643.190, RSMo, of the Missouri Air Conservation Law and rules adopted under them.

[55. Approved source—For the purpose of 10 CSR 10-5.120, a source of fuel which has been found by the department director, after the tests as s/he may require, to be in compliance with applicable rules.

56. Aqueous solvent—A solvent in which water is the primary ingredient (greater than eighty percent (80%) by weight or greater than sixty percent (60%) by volume of solvent solution as applied must be water). Detergents, surfactants, and bioenzyme mixtures and nutrients may be combined with the water along with a variety of additives such as organic solvents (e.g., high boiling point alcohols), builders, saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents. Aqueous solutions must have a flash point greater than ninety-three degrees Celsius (93 °C) (two hundred degrees Fahrenheit (200 °F)) (as reported by the manufacturer) and the solution must be miscible with water.

57. Architectural coating—A coating recommended for field application to stationary structures and their appurtenances, to portable buildings, to pavements, or to curbs. This definition excludes adhesives and coatings recommended by the manufacturer or importer solely for shop applications or solely for application to nonstationary structures, such as airplanes, ships, boats, and railcars.]

[58.]33. Area—Any or all regions within the boundaries of the state of Missouri, as specified.

[59.]34. Area of the state—Any geographical area designated by the commission.

[60. Area-wide air quality modeling analysis—An assessment on a scale that includes the entire nonattainment or maintenance area using an air quality dispersion model or photochemical grid model to determine the effects of emissions on air quality; for example, an assessment using the U.S. Environmental Protection Agency's community multiscale air quality (CMAQ) modeling system.

61. As applied—The volatile organic compound and solids content of the finishing material that is actually used for coating the substrate. It includes the contribution of materials used for in-house dilution of the finishing material.]

[62.]35. Asbestos—The asbestiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite.

[63.]36. Asbestos abatement—The encapsulation, enclosure, or removal of asbestos-containing materials, in or from a building, or air contaminant source; or preparation of friable asbestos-containing material prior to demolition.

[64. Asbestos air sampling professional—An individual who by qualifications and experience is proficient in asbestos abatement air monitoring. The individual shall conduct, oversee, or be responsible for air monitoring of asbestos abatement projects before, during, and after the project has been completed.

65. Asbestos air sampling technician—An individual who has been trained by an air sampling professional to do air monitoring. Such individual conducts air monitoring of an asbestos abatement project before, during, and after the project has been completed.]

[66.]37. Asbestos-containing material (ACM)—Any material or product which contains more than one percent (1%) asbestos.

[67.]38. Asbestos contractor—Any person who by agreement, contractual or otherwise, conducts asbestos abatement projects at a location other than his/her own place of business.

[68.]39. Asbestos Hazard Emergency Response Act (AHERA)—Law enacted in 1986 (P.L. 99-519).

[69. Asbestos inspector—An individual who collects and assimilates information used to determine whether asbestos-containing material is present in a building or other air contaminant sources.

70. Asbestos management planner—An individual who devises and writes plans for asbestos abatement.]

[71.]40. Asbestos projects—An activity undertaken to encapsulate, enclose, or remove at least one hundred sixty (160) square feet, two hundred sixty (260) linear feet, or thirty-five (35) cubic feet of regulated asbestos-containing materials (RACM) from buildings and other air contaminant sources, or to demolish buildings and other air contaminant sources containing the previously mentioned quantities of RACM.

[72. Asbestos supervisor—An individual who directs, controls, or supervises others in asbestos projects.

73. Asbestos worker—An individual who engages in asbestos projects.]

[74.]41. Asphalt prime coat—Application of low-viscosity

liquid asphalt to an absorbent surface such as a previously untreated surface.

[75.]42. Asphalt seal coat—An application of a thin asphalt surface treatment used to waterproof and improve the texture of an absorbent surface or a nonabsorbent surface such as asphalt or concrete.

[76.]43. Authorized account representative—The person who is authorized by the owners or operators of the unit to represent and legally bind each owner and operator in matters pertaining to the Emissions Banking and Trading Program or any other budget trading program.

[77. Automated data acquisition and handling system (DAHS)—That component of the Continuous Emissions Monitoring System, or other emissions monitoring system approved for use by the department, designed to interpret and convert individual output signals from pollutant concentration monitors, diluent gas monitors, and other component parts of the monitoring system to produce a continuous record of the measured parameters in approved measurement units.

78. Automatic blanket wash system—Equipment used to clean lithographic blankets which can include, but is not limited to, those utilizing a cloth and expandable bladder, brush, spray, or impregnated cloth system.

79. Automobile—A four (4)-wheel passenger motor vehicle or derivative capable of seating no more than twelve (12) passengers.]

[80.]44. Automobile and light-duty truck adhesive—An adhesive, including glass bonding adhesive, used at an automobile or light-duty truck assembly coating installation, applied for the purpose of bonding two (2) motor vehicle surfaces together without regard to the substrates involved.

[81.]45. Automobile and light-duty truck bedliner—A multicomponent coating, used at an automobile or light-duty truck assembly coating installation, applied to a cargo bed after the application of topcoat and outside of the topcoat operation to provide additional durability and chip resistance.

[82.]46. Automobile and light-duty truck cavity wax—A coating, used at an automobile or light-duty truck assembly coating installation, applied into the cavities of the motor vehicle primarily for the purpose of enhancing corrosion protection.

[83.]47. Automobile and light-duty truck deadener—A coating, used at an automobile or light-duty truck assembly coating installation, applied to selected motor vehicle surfaces primarily for the purpose of reducing the sound of road noise in the passenger compartment.

[84.]48. Automobile and light-duty truck gasket/gasket-sealing material—A fluid, used at an automobile or light-duty truck assembly coating installation, applied to coat a gasket or replace and perform the same function as a gasket. Automobile and light-duty truck gasket/gasket-sealing material includes room temperature vulcanization seal material.

[85.]49. Automobile and light-duty truck glass bonding primer—A primer, used at an automobile or light-duty truck assembly coating installation, applied to windshield or other glass, or to body openings, to prepare the glass or body opening for the application of glass bonding adhesives or the installation of adhesive bonded glass. Automobile and light-duty truck glass bonding primer includes glass bonding/cleaning primers that perform both functions (cleaning and priming of the windshield or other glass or body openings) prior to the application of adhesive or the installation of adhesive bonded glass.

[86.]50. Automobile and light-duty truck lubricating wax/compound—A protective lubricating material, used at an automobile or light-duty truck assembly coating installation,

applied to motor vehicle hubs and hinges.

[87.]51. Automobile and light-duty truck sealer—A high viscosity material, used at an automobile or light-duty truck assembly coating installation, generally, but not always, applied in the paint shop after the body has received an electrodeposition primer coating and before the application of subsequent coatings (e.g., primer-surfacer). Such materials are also referred to as sealant, sealant primer, or caulk.

[88.]52. Automobile and light-duty truck trunk interior coating—A coating, used at an automobile or light-duty truck assembly coating installation outside of the primer-surfacer and topcoat operations, applied to the trunk interior to provide chip protection.

[89.]53. Automobile and light-duty truck underbody coating—A coating, used at an automobile or light-duty truck assembly coating installation, applied to the undercarriage or firewall to prevent corrosion and/or provide chip protection.

[90.]54. Automobile and light-duty truck weatherstrip adhesive—An adhesive, used at an automobile or light-duty truck assembly coating installation, applied to weatherstripping material for the purpose of bonding the weatherstrip material to the surface of the motor vehicle.

[91. *Automotive underbody deadeners—Any coating applied to the underbody of a motor vehicle to reduce the noise reaching the passenger compartment.*

92. *Auxiliary power unit (APU)—An integrated system that—*

A. Provides heat, air conditioning, engine warming, or electricity to components on a heavy-duty vehicle; and

B. Is certified by the administrator under 40 CFR 89 (or any successor regulation), as meeting applicable emissions standards.]

[93.]55. Average emission rate—The simple average of the hourly NO_x emission rate as recorded by approved monitoring systems.

(B) All terms beginning with B.

[1. *Bag leak detection system—An instrument that is capable of monitoring particulate matter loadings in the exhaust of a fabric filter in order to detect bag failures. A bag leak detection system includes, but is not limited to, an instrument that operates on triboelectric, light scattering, light transmittance, or other effects to monitor relative particulate matter loadings.*

2. *Baked coating—A coating that is cured at a temperature at or above one hundred ninety-four degrees Fahrenheit (194 °F).]*

[3.]1. Base year—The year chosen in the state implementation plan to directly correlate emissions of the nonattainment pollutant in the nonattainment area with ambient air quality data pertaining to the pollutant. From the base year, projections are made to determine when the area will attain and maintain the national ambient air quality standards.

[4. *Basecoat—A coat of colored material, usually opaque, that is applied before graining inks, glazing coats, or other opaque finishing materials and is usually topcoated for protection.]*

[5.]2. Baseline area—The continuous area in which the source constructs as well as those portions of the intrastate area which are not part of a nonattainment area and which would receive an air quality impact equal to or greater than one microgram per cubic meter (1 µg/m³) annual average (established by modeling) for each pollutant for which an installation receives a permit under 10 CSR 10-6.060(8) and for which increments have been established in 10 CSR 10-6.060(11) (A). Each of these areas are references to the standard United States Geological Survey (USGS) County-Township-Range-

Section system. The smallest unit of area for which a baseline date will be set is one (1) section (one (1) square mile).

[6.]3. Baseline concentration—That ambient concentration level which exists at locations of anticipated maximum air quality impact or increment consumption within a baseline area at the time of the applicable baseline date, minus any contribution from installations, modifications, and major modifications subject to 10 CSR 10-6.060(8) or subject to 40 CFR 52.21 on which construction commenced on or after January 6, 1975, for sulfur dioxide and particulate matter, and February 8, 1988, for nitrogen dioxide. The baseline concentration shall include contributions from[;]—

A. The actual emissions of other installations in existence on the applicable baseline date; and

B. The potential emissions of installations and major modifications which commenced construction before January 6, 1975, but were not in operation by the applicable baseline date.

[7.]4. Baseline date—The date, for each baseline area, of the first complete application after August 7, 1977, for sulfur dioxide and particulate matter, and February 8, 1988, for nitrogen dioxide for a permit to construct and operate an installation subject to 10 CSR 10-6.060(8) or subject to 40 CFR 52.21.

[8.]5. Basic state installations—Installations which meet any of the following criteria, but are not part 70 installations:

A. Emit or have the potential to emit any air pollutant in an amount greater than the *de minimis* levels. The fugitive emissions of an installation shall not be considered unless the installation belongs to one (1) of the source categories listed in subsection (3)(B) of this rule; or

B. Either of the following criteria, provided the U.S. Environmental Protection Agency administrator has deferred a decision on whether the installation would be subject to part 70:

(I) Are subject to a standard, limitation, or other requirement under section 111 of the Act, including area sources subject to a standard, limitation, or other requirement under section 111 of the Act; or

(II) Are subject to a standard or other requirement under section 112 of the Act, except that a source is not required to obtain a permit solely because it is subject to rules or requirements under section 112(r) of the Act, including area sources subject to a standard or other requirement under section 112 of the Act, except that an area source is not required to obtain a permit solely because it is subject to regulations or requirements under section 112(r) of the Act.

[9.]6. Batch—Defined as follows:

A. For the purpose of 10 CSR 10-5.442, a supply of fountain solution that is prepared and used without alteration until completely used or removed from the printing process. This term may apply to solutions prepared in either discrete batches or solutions that are continuously blended with automatic mixing units; and

B. For all other purposes, a discontinuous process involving the bulk movement of material through sequential manufacturing steps, typically not characterized as steady state.

[10. *Batch cycle—A manufacturing event of an intermediate or product from start to finish in a batch process.]*

[11.]7. Batch HMIWI—A hospital medical infectious waste incinerator that is designed such that neither waste charging nor ash removal can occur during combustion.

[12. *Batch mode—A noncontinuous operation or process in which a discrete quantity or batch of feed is charged into a process unit and distilled or reacted at one time.*

13. Batch process operation—For the purpose of 10 CSR 10-5.540, a discontinuous operation in which a discrete quantity or batch of feed is charged into a chemical manufacturing process unit and distilled or reacted, or otherwise used at one time, and may include, but is not limited to, reactors, filters, dryers, distillation columns, extractors, crystallizers, blend tanks, neutralizer tanks, digesters, surge tanks, and product separators. After each batch process operation, the equipment is generally emptied before a fresh batch is started.

14. Batch process train—The collection of equipment (e.g., reactors, filters, dryers, distillation columns, extractors, crystallizers, blend tanks, neutralizer tanks, digesters, surge tanks, and product separators) configured to produce a product or intermediate by a batch process operation. A batch process train terminates at the point of storage of the product or intermediate being produced in the batch process train. Irrespective of the product being produced, a batch process train which is independent of other processes shall be considered a single batch process train for purpose of 10 CSR 10-5.540.

15. Batch-type charcoal kiln—Charcoal kilns that manufacture charcoal with a batch process rather than a continuous process. The batch-type charcoal kiln process typically includes loading wood, sealing the kiln, igniting the wood, and controlled burning of the wood to produce charcoal which is unloaded.]

[16.]8. Best available control technology (BACT)—An emission limitation (including a visible emission limit) based on the maximum degree of reduction for each pollutant which would be emitted from any proposed installation or major modification which the director on a case-by-case basis, taking into account energy, environmental and economic impacts, and other costs, determines is achievable for the installation or major modification through application of production processes or available methods, systems, and techniques, including fuel cleaning or treatment or innovative fuel combustion techniques for control of the pollutant. In no event shall application of BACT result in emissions of any pollutant which would exceed the emissions allowed by any applicable emissions control regulation, including New Source Performance Standards established in 10 CSR 10-6.070 and 40 CFR 60 and National Emissions Standards for Hazardous Air Pollutants established in 10 CSR 10-6.080 and 40 CFR 61. If the director determines that technological or economic limitations on the application of measurement methodology to a particular source operation would make the imposition of an emission limitation infeasible, a design, equipment, work practice, operational standard, or combination of these may be prescribed instead to require the application of BACT. This standard, to the degree possible, shall set forth the emission reduction achievable by implementation of the design, equipment, work practice, or operation and shall provide for compliance by means which achieve equivalent results.

[17. Beverage alcohol—Consumable products and their process intermediates and by-products, consisting of ethanol or mixtures of ethanol and nonvolatile organic liquids.]

[18.]9. Biologicals—Preparations made from living organisms and their products, including vaccines, cultures, etc., intended for use in diagnosing, immunizing, or treating humans or animals or in research pertaining thereto.

[19. Black start unit—Any electric generating unit operated only in the event of a complete loss of power.]

[20.]10. Blood products—Any product derived from human blood, including but not limited to blood plasma, platelets, red or white blood corpuscles, and other derived licensed products, such as interferon, etc.

[21.]11. Body fluids—Liquid emanating or derived

from humans and limited to blood; dialysate, amniotic, cerebrospinal, synovial, pleural, peritoneal, and pericardial fluids; and semen and vaginal secretions.

[22.]12. Boiler—An enclosed fossil or other fuel-fired combustion device used to produce heat and to transfer heat to recirculating water, steam, or other medium.

[23. Building—Any structure excluding single-family, owner-occupied dwellings, and vacant publicly or privately owned residential structures of four (4) dwelling units or less being demolished for the sole purpose of public health, safety, or welfare. Excluded structures must be geographically dispersed, demolished pursuant to a public safety determination, and posing a threat to public safety.]

[24.]13. Bulk plant—Any gasoline storage and distribution facility that receives gasoline by pipeline, ship or barge, or cargo tank and subsequently loads the gasoline into gasoline cargo tanks for transport to gasoline dispensing facilities, and has a gasoline throughput of less than twenty thousand (20,000) gallons per day. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under federal, state, or local law.

[25.]14. Bulk terminal—Any gasoline storage and distribution facility that receives gasoline by pipeline, ship or barge, or delivery tank and has a gasoline throughput of twenty thousand (20,000) gallons per day or greater. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under federal, state, or local law.

[26. Burn cycle—For the purpose of 10 CSR 10-6.330, the period of time beginning when a batch of wood is initially lit and ending when the burn for that batch is completed and the kiln is sealed. The burn cycle does not include cool-down time.]

[27.]15. Business day—All days, excluding Saturdays, Sundays, and state holidays, that a facility is open to the public.

[28. Business machine—A device that uses electronic or mechanical methods to process information, perform calculations, print or copy information, or convert sound into electrical impulses for transmission, including devices listed in standard industrial classification numbers 3572, 3573, 3574, 3579, 3661, and photocopy machines, a subcategory of standard industrial classification number 3861.

29. By compound—By individual stream components, not carbon equivalents.

30. Bypass stack—A device used for discharging combustion gases to avoid severe damage to the air pollution control device or other equipment.]

(C) All terms beginning with C.

[1. Camouflage coating—A coating, used principally by the military, to conceal equipment from detection.

2. Capacity factor—Ratio (expressed as a percentage) of a power generating unit's actual annual electric output (expressed in MWe-hr) divided by the unit's nameplate capacity multiplied by eight thousand seven hundred sixty (8,760) hours.

3. Capture device—A hood, enclosed room, floor sweep, or other means of collecting solvent emissions or other pollutants into a duct so that the pollutant can be directed to a pollution control device such as an incinerator or carbon adsorber.]

[4.]1. Capture efficiency—The fraction of all organic vapors or other pollutants generated by a process that is directed to a control device.

[5.]2. Carbon adsorption system—A device containing adsorbent material (for example, activated carbon, aluminum, silica gel); an inlet and outlet for exhaust gases; and a system to regenerate the saturated adsorbent. The carbon adsorption

system must provide for the proper disposal or reuse of all volatile organic compounds adsorbed.

[6. *Cargo tank—A delivery tank truck or railcar which is loading gasoline or which has loaded gasoline on the immediately previous load.*]

[7.3. *Catalytic incinerator—A control device using a catalyst to allow combustion to occur at a lower temperature.*

[8. *Caulking and smoothing compound—A semisolid material that is used to aerodynamically smooth exterior vehicle surfaces or fill cavities such as bolt hole accesses. A material shall not be classified as a caulking and smoothing compound if it can be classified as a sealant.*]

[9.4. *Cause or contribute to a new violation—A federal action that—*

A. Causes a new violation of a national ambient air quality standard (NAAQS) at a location in a nonattainment or maintenance area which would otherwise not be in violation of the standard during the future period in question if the federal action were not taken; or

B. Contributes, in conjunction with other reasonably foreseeable actions, to a new violation of a NAAQS at a location in a nonattainment or maintenance area in a manner that would increase the frequency or severity of the new violation.

[10.5. *Caused by, as used in the terms direct emissions and indirect emissions—Emissions that would not otherwise occur in the absence of the federal action.*

[11. *Ceramic tile installation adhesive—An adhesive intended by the manufacturer for use in the installation of ceramic tiles.*

12. *Certified product data sheet—Documentation furnished by a coating supplier or an outside laboratory that provides the volatile organic compound (VOC) content by percent weight, the solids content by percent weight, and density of a finishing material, strippable booth coating, or solvent, measured using EPA Method 24 or an equivalent or alternative method (or formulation data, if approved by the director). The purpose of the certified product data sheet is to assist the affected source in demonstrating compliance with the emission limitations. Therefore, the VOC content should represent the maximum VOC emission potential of the finishing material, strippable booth coating, or solvent.*

[13.6. *Charcoal kiln—Any closed structure used to produce charcoal by controlled burning (pyrolysis) of wood. Retorts and furnaces used for charcoal production are not charcoal kilns.*

[14. *Charcoal kiln control system—A combination of an emission control device and connected charcoal kiln(s).*

15. *Chemical milling maskant—A coating that is applied directly to aluminum components to protect surface areas when chemical milling the component with a Type I or Type II etchant. Type I chemical milling maskants are used with a Type I etchant, and Type II chemical milling maskants are used with a Type II etchant. This definition does not include bonding maskants, critical use and line sealer maskants, and seal coat maskants. Maskants that must be used with a combination of Type I or Type II etchants and any of the above types of maskants (i.e., bonding, critical use and line sealer, and seal coat) are also not included in this definition.*

[16.7. *Chemotherapeutic waste—Waste material resulting from the production or use of antineoplastic agents used for the purpose of stopping or reversing the growth of malignant cells.*

[17.8. *Circumvention—Building, erecting, installing, or using any article, machine, equipment, process, or method which, when used, would conceal an emission that would otherwise constitute a violation of an applicable standard or*

requirement. That concealment includes, but is not limited to, the use of gaseous adjuncts to achieve compliance with a visible emissions standard, and the piecemeal carrying out of an operation to avoid coverage by a standard that applies only to operations larger than a specific size.

[18.9. *Class IA concentrated animal feeding operation—Any concentrated animal feeding operation with a capacity of seven thousand (7,000) animal units or more and corresponding to the following number of animals by species listed below:*

Class IA concentrated animal feeding operation 7,000 animal unit equivalents		
Animal species	Animal unit equivalent	Number of animals
[Beef feeder or slaughter animal] Beef cow, feeder, veal calf, cow/calf pair, and dairy heifer	1.0	7,000
Horses	0.5	3,500
Mature Dairy cows	0.7	4,900
Swine weighing > 55 lbs.	2.5	17,500
Swine weighing < 55 lbs.	10	70,000
Ducks with a wet handling system	5	35,000
Ducks without a wet handling system	30	210,000
Sheep, lambs, and meat and dairy goats	10	70,000
[Laying hens] Chicken laying hens, pullets, and broilers with a wet handling system	30	210,000
[Pullets] Chicken laying hens without a wet handling system	[60] 82	[420,000] 574,000
Turkeys in grow-out phase	55	385,000
[Broiler chickens] Chicken broilers and pullets, and turkey poults in brood phase, all without a wet handling system	[100] 125	[700,000] 875,000

[19. *Class I hardboard—A hardboard panel that meets the specifications of Voluntary Product Standard PS 59-73 as approved by the American National Standards Institute.*

20. *Class II finish—A finish applied to hardboard panels that meets the specifications of Voluntary Product Standard PS 59-73 as approved by the American National Standards Institute.*

[21.10. *Clean Air Act (CAA)—The Clean Air Act, as amended; also refer to Act.*

[22. *Clean scanning—The illegal act of connecting the Onboard Diagnostics (OBD) cable or wireless transmitter to the data link connector of a vehicle other than the vehicle*

photographed and identified on the emissions vehicle inspection report for the purpose of bypassing the required OBD test procedure.]

[23.]11. Cleaning operations—Processes of cleaning products, product components, tools, equipment, or general work areas during production, repair, maintenance, or servicing, including[,] but not limited to[,] spray gun cleaning, spray booth cleaning, large and small manufactured component cleaning, parts cleaning, equipment cleaning, line cleaning, floor cleaning, and tank cleaning, at sources with emission units.

[24.]12. Cleaning solution—A liquid solvent used to remove printing ink and debris from the surfaces of the printing press and its parts. Cleaning solutions include, but are not limited to, blanket wash, roller wash, metering roller cleaner, plate cleaner, impression cylinder washes, and rubber rejuvenators.

[25.] Clean wood—Wood that has not been treated (including, but not limited to, treatment with copper chromium arsenate, creosote, or pentachlorophenol) and has no paint, stain, or any other type of coating.

26. Clear coat—A coating which lacks color and opacity or is transparent and uses the undercoat as a reflectant base or undertone color. This term also includes corrosion preventative coatings used for the interior of drums or pails.]

[27.]13. Clinker—The product of a Portland cement kiln from which finished cement is manufactured by milling and grinding.

[28.]14. Closed container—A container with a cover fastened in place so that it will not allow leakage or spilling of the contents.

[29.]15. Closed landfill—A landfill in which solid waste is no longer being placed and in which no additional wastes will be placed without first filing a notification of modification as prescribed under 40 CFR 60.7(a)(4). Once a notification of modification has been filed, and additional solid waste is placed in the landfill, the landfill is no longer closed.

[30.]16. Closure—That point in time when a landfill becomes a closed landfill.

[31.]17. Coating—A protective, decorative, or functional material applied in a thin layer to a surface. Such materials include[,] but are not limited to[,] paints, topcoats, varnishes, sealers, stains, washcoats, basecoats, inks, and temporary protective coatings. Inks not included in the coating definition are—

A. For the purpose of 10 CSR 10-5.330, ink used in printing operations regulated under 10 CSR 10-5.340 and 10 CSR 10-5.442; and

B. For the purpose of 10 CSR 10-2.230, ink used in printing operations regulated under 10 CSR 10-2.290 and 10 CSR 10-2.340.

[32.]18. Coating applicator—An apparatus used to apply a surface coating.

[33.]19. Coating line—One (1) or more apparatus or operations which include a coating applicator, flash-off area, and oven where a surface coating is applied, dried, or cured, or a combination of these.

[34.]20. Coating solids (or solids)—The part of the coating that remains after the coating is dried or cured; solids content is determined using data from EPA Method 24 or an alternative or equivalent method.

[35.]21. Co-fired combustor—A unit combusting hospital waste and/or medical/infectious waste with other fuels or wastes and subject to an enforceable requirement limiting the unit to combusting a fuel feed stream, ten percent (10%) or less of the weight of which is comprised, in aggregate,

of hospital waste and medical/infectious waste as measured on a calendar-quarter basis. For purposes of this definition, pathological waste, chemotherapeutic waste, and low-level radioactive waste are considered other wastes when calculating the percentage of hospital waste and medical/infectious waste combusted.

[36.] Cogenerator—For the purpose of paragraph (1)(A)3. of 10 CSR 10-6.364, cogenerator is a facility which—

A. For a unit that commenced construction on or prior to November 15, 1990, was constructed for the purpose of supplying equal to or less than one-third (1/3) its potential electrical output capacity or equal to or less than two hundred nineteen thousand (219,000) MWe-hrs actual electric output on an annual basis to any utility power distribution system for sale (on a gross basis). If the purpose of construction is not known, the administrator will presume that actual operation from 1985 through 1987 is consistent with such purpose. However, if in any three (3)-calendar-year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third (1/3) of its potential electrical output capacity and more than two hundred nineteen thousand (219,000) MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the Acid Rain Program; or

B. For units which commenced construction after November 15, 1990, supplies equal to or less than one-third (1/3) its potential electrical output capacity or equal to or less than two hundred nineteen thousand (219,000) MWe-hrs actual electric output on an annual basis to any utility power distribution system for sale (on a gross basis). However, if in any three (3)-calendar-year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third (1/3) of its potential electrical output capacity and more than two hundred nineteen thousand (219,000) MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the Acid Rain Program.]

[37.]22. Cold cleaner—Any device or piece of equipment that contains and/or uses liquid solvent, into which parts are placed to remove soils from the surfaces of the parts or to dry the parts. Cleaning machines that contain and use heated nonboiling solvent to clean the parts are classified as cold cleaning machines.

[38.] Cold rolling mill—Batch process aluminum sheet rolling mill with a preset gap between the work rolls used to reduce the sheet thickness. The process generally occurs at temperatures below two hundred sixty-five degrees Fahrenheit (265 °F). A cold rolling mill is used mainly for the production of aluminum sheet at gauges between three-tenths of one inch to two-thousands of one inch (0.3" to 0.002"). Reductions to finish gauge may occur in one (1) pass or several passes.

39. Combined cycle system—A system comprised of one (1) or more combustion turbines, heat recovery steam generators, and steam turbines configured to improve overall efficiency of electricity generation or steam production.]

[40.]23. Combustion turbine—An enclosed fossil or other fuel-fired device that is comprised of a compressor, a combustor, and a turbine and in which the flue gas resulting from the combustion of fuel in the combustor passes through the turbine, rotating the turbine.

[41.]24. Commence—For the purposes of major stationary source construction or major modification, the owner or operator has all necessary preconstruction approvals or permits and—

A. Began, or caused to begin, a continuous program of actual on-site construction of the source, to be completed

within a reasonable time; or

B. Entered into binding agreements or contractual obligations, which cannot be canceled or modified without substantial loss to the owner or operator, to undertake a program of actual construction of the source to be completed within a reasonable time.

[42. Commence commercial operation—With regard to a unit that serves a generator, begin to produce steam, gas, or other heated medium used to generate electricity for sale or use, including test generation. For the purpose of 10 CSR 10-6.360 the date of commencement of commercial operation shall be as follows:

A. Except as provided in subsection (1)(E) of 10 CSR 10-6.360, for a unit that is a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date the unit commences commercial operation, such date shall remain the unit's date of commencement of commercial operation even if the unit is subsequently modified, reconstructed, or repowered; and

B. Except as provided in subsections (1)(E) or (3)(H) of 10 CSR 10-6.360, for a unit that is not a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date the unit commences commercial operation, the date the unit becomes a NO_x budget unit under section (1) of 10 CSR 10-6.360 shall be the unit's date of commencement of commercial operation.

43. Commence operation—Defined as follows:

A. For the purpose of 10 CSR 10-6.360, begin any mechanical, chemical, or electronic process, including, with regard to a unit, start-up of a unit's combustion chamber and the date of commencement of operation shall be as follows:

(I) Except as provided in subsection (1)(E) of 10 CSR 10-6.360, for a unit that is a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date of commencement of operation, such date shall remain the unit's date of commencement of operation even if the unit is subsequently modified, reconstructed, or repowered; and

(II) Except as provided in subsection (1)(E) of 10 CSR 10-6.360 or subsection (3)(H) of 10 CSR 10-6.360, for a unit that is not a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date of commencement of operation, the date the unit becomes a NO_x budget unit under section (1) of 10 CSR 10-6.360 shall be the unit's date of commencement of operation; and

B. For all other purposes, initially set into operation air pollution control equipment or process equipment.]

25. Commence operation – Initially set into operation air pollution control equipment or process equipment.

[44.]26. Commercial hospital/medical/infectious waste incinerator (HMIWI)—An HMIWI which offers incineration services for hospital/medical/infectious waste generated off-site by firms unrelated to the firm that owns the HMIWI.

[45.]27. Commercial solid waste –All types of solid waste generated by stores, offices, restaurants, warehouses, and other nonmanufacturing activities, excluding residential and industrial wastes.

[46. Commercial vehicle—Any motor vehicle, other than a passenger vehicle, and any trailer, semitrailer, or pole trailer drawn by such motor vehicle, that is designed, used, and maintained for the transportation of persons or property for hire, compensation, profit, or in the furtherance of a commercial enterprise.

47. Commercial/Institutional boiler—A boiler used in commercial establishments or institutional establishments such as medical centers, institutions of higher education, hotels, and laundries to provide electricity, steam, and/or hot water.]

[48.]28. Commission—The Missouri Air Conservation Commission established pursuant to 643.040, RSMo.

[49.]29. Common stack—A single flue through which emissions from two (2) or more NO_x units are exhausted.

[50. Compliance account—A NO_x allowance tracking system account, established for an affected unit, in which the NO_x allowance allocations for the unit are initially recorded and in which are held NO_x allowances available for use by the unit for a control period for the purpose of meeting the unit's NO_x emission limitation.]

[51.]30. Compliance certification—A submission to the director or the administrator, that is required to report a NO_x budget source's or a NO_x budget unit's compliance or noncompliance with stated requirements and that is signed by the NO_x authorized account representative in accordance with 10 CSR 10-6.360.

[52. Compliance cycle—The two (2)-year duration during which a subject vehicle in the enhanced emissions inspection program area is required to comply with 643.300–643.355, RSMo.

A. For private-entity vehicles, the compliance cycle begins sixty (60) days prior to the subject vehicle's registration and biennial license plate tab expiration.

B. For public-entity vehicles, the compliance cycle begins on January 1 of each even-numbered calendar year. The compliance cycle ends on December 31 of each odd-numbered calendar year.]

[53.]31. Compliant coating—A finishing material or strippable booth coating that meets the emission limits as specified.

[54. Condensate (hydrocarbons)—A hydrocarbon liquid separated from natural gas which condenses due to changes in the temperature or pressure, or both, and remains liquid at standard conditions.]

[55.]32. Condenser—Any heat transfer device used to liquefy vapors by removing their latent heats of vaporization including[,] but not limited to[,] shell and tube, coil, surface, or contact condensers.

[56. Conference, conciliation, and persuasion—A process of verbal or written communications, including but not limited to meetings, reports, correspondence, or telephone conferences between authorized representatives of the department and the alleged violator. The process shall, at minimum, consist of one (1) offer to meet with the alleged violator tendered by the department. During any such meeting, the department and the alleged violator shall negotiate in good faith to eliminate the alleged violation and shall attempt to agree upon a plan to achieve compliance.

57. Confidential business information—Defined as follows:

A. For the purpose of 10 CSR 10-6.300, information that has been determined by a federal agency, in accordance with its applicable regulations, to be a trade secret, or commercial or financial information obtained from a person and privileged or confidential and is exempt from required disclosure under the Freedom of Information Act (5 U.S.C. 552(b)(4)); and

B. For all other purposes, secret processes, secret methods of manufacture or production, trade secrets, and other information possessed by a business that, under existing legal concepts, the business has a right to preserve as confidential and to limit its use by not disclosing it to others in order that the business may obtain or retain business advantages it derives from its rights in the information.]

33. Confidential business information –Secret processes, secret methods of manufacture or production, trade secrets, and other information possessed by a business that, under existing legal concepts, the business has a right to preserve as confidential and to limit its use by not disclosing it to others in order that the business may

obtain or retain business advantages it derives from its rights in the information.

[58.]34. Conformity determination – The evaluation (made after an applicability analysis is completed) that a federal action conforms to the applicable implementation plan and meets the requirements of rule 10 CSR 10-6.300.

[59.]35. Conformity evaluation – The entire process from the applicability analysis through the conformity determination that is used to demonstrate that the federal action conforms to the requirements of rule 10 CSR 10-6.300.

[60.]36. Conservation vent – Any valve designed and used to reduce evaporation losses of volatile organic compounds by limiting the amount of air admitted to, or vapors released from, the vapor space of a closed storage vessel.

[61.]37. Construct a major source – For the purpose of 10 CSR 10-6.060(9), fabricate, erect, or install –

A. For a greenfield site, a stationary source or group of stationary sources which is located within a contiguous area and under common control and which emits or has the potential to emit ten (10) tons per year of any hazardous air pollutant (HAP) or twenty-five (25) tons per year of any combination of HAPs; or

B. For a developed site, a new process or production unit[,] which in and of itself[,] emits or has the potential to emit[,] ten (10) tons per year of any HAP or twenty-five (25) tons per year of any combination of HAPs.

[62.]38. Construction – Fabricating, erecting, reconstructing, or installing a source operation. Construction shall include installation of building supports and foundations, laying of underground pipe work, building of permanent storage structures, and other construction activities related to the source operation.

[63.] Contact adhesive – A contact adhesive does not include rubber cements that are primarily intended for use on paper substrates. Contact adhesive also does not include vulcanizing fluids that are designed and labeled for tire repair only. A contact adhesive is an adhesive that –

A. Is designed for application to both surfaces to be bonded together;

B. Is allowed to dry before the two (2) surfaces are placed in contact with each other;

C. Forms an immediate bond that is impossible, or difficult, to reposition after both adhesive-coated surfaces are placed in contact with each other; and

D. Does not need sustained pressure or clamping of surfaces after the adhesive-coated surfaces have been brought together using sufficient momentary pressure to establish full contact between both surfaces.

64. Continuing program responsibility – A federal agency has responsibility for emissions caused by actions it takes itself or actions of nonfederal entities that the federal agency, in exercising its normal programs and authorities, approves, funds, licenses, or permits, provided the agency can impose conditions on any portion of the action that could affect the emissions.

65. Continuous coater – A finishing system that continuously applies finishing materials onto furniture parts moving along a conveyor system. Finishing materials that are not transferred to the part are recycled to the finishing material reservoir. Several types of application methods can be used with a continuous coater including spraying, curtain coating, roll coating, dip coating, and flow coating.

66. Continuous emissions monitoring system (CEMS) – Defined as follows:

A. For the purpose of 10 CSR 10-6.350 and 10 CSR 10-6.360, the equipment required to sample, analyze, measure,

and provide, by readings taken at least once every fifteen (15) minutes of the measured parameters, a permanent record of nitrogen oxides emissions, expressed in tons per hour for nitrogen oxides. The following systems are component parts included, consistent with 40 CFR 75, in a continuous emissions monitoring system:

(I) Flow monitor;

(II) Nitrogen oxides pollutant concentration monitors;

(III) Diluent gas monitor (oxygen or carbon dioxide)

when such monitoring is required;

(IV) A continuous moisture monitor when such monitoring is required; and

(V) An automated data acquisition and handling system; and

B. For all other purposes, a monitoring system for continuously measuring and recording the emissions of a pollutant from an affected facility.]

39. Continuous emissions monitoring system (CEMS) – A monitoring system for continuously measuring and recording the emissions of a pollutant from an affected facility.

[67.]40. Continuous hospital/medical/infectious waste incinerator (HMIWI) – An HMIWI that is designed to allow waste charging and ash removal during combustion.

[68.]41. Continuous opacity monitoring system (COMS) – All equipment required to continuously measure and record the opacity of emissions within a stack or duct. COMS consists of sample interface, analyzer, and data recorder components and usually includes, at a minimum, transmissometers, transmissometer control equipment, and data transmission, acquisition, and recording equipment.

[69.] Continuous program to implement – For the purpose of 10 CSR 10-6.300, the federal agency has started the action identified in the plan and does not stop the actions for more than an eighteen (18)-month period, unless it can demonstrate that such a stoppage was included in the original plan.]

[70.]42. Continuous recorder – A data recording device recording an instantaneous data value at least once every fifteen (15) minutes.

[71.]43. Contractor – Defined as follows:

A. For the purpose of 10 CSR 10-5.381, the state contracted company who shall implement the decentralized motor vehicle emissions inspection program as specified in 643.300–643.355, RSMo, and the state contracted company who shall implement the acceptance test procedure; and

[B. For the purposes of 10 CSR 10-6.241 and 10 CSR 10-6.250, see asbestos contractor; and]

[C.]B. For all other purposes, any person, who by agreement, contractual or otherwise, conducts projects or provides services.

[72.]44. Control device – Any equipment that reduces the quantity of a pollutant that is emitted to the air. The device may destroy or secure the pollutant for subsequent recovery. Includes[,] but is not limited to[,] incinerators, carbon adsorbers, and condensers.

[73.]45. Control device efficiency – The ratio of the pollution released by a control device and the pollution introduced to the control device, expressed as a fraction.

[74.]46. Control period – Defined as follows:

A. For the purposes of 10 CSR 10-5.490 and 10 CSR 10-6.310, the interval of time for which the collection and control system has been operated; and

B. For all other purposes, the period beginning May 1 of a calendar year and ending on September 30 of the same calendar year.

[75.]47. Control system – The combination of capture and

control devices used to reduce emissions to the atmosphere.

[76.]48. Controlled landfill—Any landfill at which collection and control systems are required as a result of the nonmethane organic compounds emission rate. The landfill is considered controlled if a collection and control system design plan is submitted in compliance with the applicable rule.

[77.] *Conventional air spray*—A spray coating method in which the coating is atomized by mixing it with compressed air at an air pressure greater than ten (10) pounds per square inch (gauge) at the point of atomization. Airless and air-assisted airless spray technologies are not conventional air spray because the coating is not atomized by mixing it with compressed air. Electrostatic spray technology is also not considered conventional air spray because an electrostatic charge is employed to attract the coating to the workpiece.]

[78.]49. ConveyORIZED degreaser—A type of degreaser in which the parts are loaded continuously.

[79.] *Cove base*—A flooring trim unit, generally made of vinyl or rubber, having a concave radius on one (1) edge and a convex radius on the opposite edge that is used in forming a junction between the bottom wall course and the floor or to form an inside corner.

80. *Cove base installation adhesive*—An adhesive intended by the manufacturer to be used for the installation of cove base or wall base on a wall or vertical surface at floor level.]

[81.]50. Criteria pollutant or standard—Any pollutants for which there is established a National Ambient Air Quality Standard at 40 CFR 50.

[82.] *Crude oil*—A naturally occurring mixture which consists of hydrocarbons and sulfur, nitrogen, or oxygen derivatives of hydrocarbons (or a combination of these derivatives) which is a liquid at standard conditions.

83. *Custody transfer*—The transfer of produced crude oil or condensate, or both, after processing or treating, or both, in the producing operations, from storage tanks or automatic transfer facilities to pipelines or any other forms of transportation.]

[84.]51. Cutback asphalt—Any asphaltic cement that has been liquefied by blending with volatile organic compound liquid diluents.

[85.] *Cyanoacrylate adhesive*—An adhesive with a cyanoacrylate content of at least ninety-five percent (95%) by weight.

86. *Cyclone boiler*—A boiler with a horizontal, cylindrical furnace that burns crushed, rather than pulverized, coal.

87. *Cyclone electric generating unit (EGU)*—An electric generating unit with a fossil-fuel-fired boiler consisting of one (1) or more horizontal cylindrical barrels that utilize tangentially applied air to produce a swirling combustion pattern of coal and air.]

(D) All terms beginning with D.

[1.] *Data Link Connector (DLC)*—The terminal required to be installed on all Onboard Diagnostics (OBD) equipped vehicles that allows communication with a vehicle's OBD system.]

[2.]1. Day—A period of twenty-four (24) consecutive hours beginning at midnight local time, or beginning at a time consistent with a facility's operating schedule.

[3.]2. Degreasing—A solvent metal cleaning in which nonaqueous solvents are used to clean and remove soils from metal surfaces.

[4.] *Delivery vessel*—A tank truck, trailer, or railroad tank car.]

[5.]3. De minimis levels—Any emissions level less than or equal to the rates listed in subsection (3)(A) of this rule.

[6.]4. Demolition—The wrecking, razing, intentional burning, or removing of any load-supporting structural

member or portion of a structure together with any related handling operation.

[7.]5. Department—Defined as follows:

A. For the purpose of 10 CSR 10-5.381, the state agency responsible for oversight of the vehicle emissions inspection and maintenance program required by the 1990 Federal Clean Air Act Amendments; and

B. For all other purposes, the Missouri Department of Natural Resources, which includes the director thereof, or the person or division or program within the department delegated the authority to render the decision, order, determination, finding, or other action that is subject to review by the commission. PO Box 176, Jefferson City, MO 65102.

[8.]6. Design capacity—For the purposes of 10 CSR 10-5.490 and 10 CSR 10-6.310, the maximum amount of solid waste the landfill can accept, as indicated in terms of volume or mass in the most recent operating or construction permit issued by the county or state agency responsible for regulating the landfill, plus any in-place waste not accounted for in the most recent permit. If the owner or operator chooses to convert the design capacity from volume to mass or from mass to volume to demonstrate its design capacity is less than two and one-half (2.5) million megagrams or two and one-half (2.5) million cubic meters, the calculation must include a site-specific density, which must be recalculated annually.

[9.]7. Designated representative—A responsible individual authorized by the owner or operator of an affected source and of all affected units at the source, as evidenced by a certificate of representation submitted in accordance with 40 CFR 72, subpart B, to represent and legally bind each owner and operator, as a matter of federal law, in matters pertaining to the Acid Rain Program. Whenever the term responsible official is used in 40 CFR 70, 10 CSR 10-6.065, or in any other regulations implementing Title V of the Act, it shall be deemed to refer to the designated representative with regard to all matters under the Acid Rain Program.

[10.] *Diagnostic Trouble Code (DTC)*—An alphanumeric code consisting of five (5) characters which is stored by a vehicle's Onboard Diagnostics system if a vehicle malfunctions or deteriorates in such a way as to potentially raise the vehicle's tailpipe or evaporative emissions more than one and one-half (1.5) times the federal test procedure certification limits. The code indicates the system or component that is in need of diagnosis and repair to prevent the vehicle's emissions from increasing further.

11. *Diammonium phosphate*—A product resulting from the reaction between phosphoric acid and ammonia having the molecular formula $(\text{NH}_4)_2\text{HPO}_4$.]

[12.]8. Diesel engine—A compression-ignited two- (2-) [-] or four- (4-) [-]stroke engine in which liquid fuel is injected into the combustion chamber and ignited when the air charge has been compressed to a temperature sufficiently high for auto-ignition.

[13.]9. Digital printing—A print-on-demand method of printing in which an electronic output device transfers variable data, in the form of an image, from a computer to a variety of substrates. Digital printing methods include[,] but are not limited to[,] inkjet printing, electrophotographic printing, dye sublimation printing, thermal wax printing, and solid ink printing.

[14.] *Dioxins/furans*—The combined emission of tetra- through octa-chlorinated dibenzo-para-dioxins and dibenzofurans as measured by EPA Method 23 of 40 CFR 60, Appendix A-7.]

[15.]10. Direct emissions—Those emissions of a criteria pollutant or its precursors that are caused or initiated by

the federal action and originate in a nonattainment or maintenance area and occur at the same time and place as the action and are reasonably foreseeable.

[16.]11. Director or department director—Director of the Missouri Department of Natural Resources, or a designated representative, to carry out the duties as described in 643.060, RSMo.

[17.]12. Dispersion technique—

A. Any technique designed to affect the concentration of a pollutant in the ambient air by—

(I) Using that portion of a stack which exceeds good engineering practice stack height;

(II) Varying the rate of emission of a pollutant according to atmospheric conditions or ambient concentrations of that pollutant; or

(III) Increasing final exhaust gas plume rise by manipulating source process parameters, exhaust gas parameters, stack parameters, or combining exhaust gases from several existing stacks into one (1) stack; or other selective handling of exhaust gas streams so as to increase the exhaust gas plume rise; and

B. This definition does not include[.]—

(I) The reheating of a gas stream, following use of a pollution control system, for the purpose of returning the gas to the temperature at which it was originally discharged from the installation generating the gas stream;

(II) The merging of exhaust gas streams where—

(a) The installation owner or operator demonstrates that the installation was originally designed and constructed with the merged gas streams;

(b) After July 8, 1985, the merging is part of a change in operation at the installation that includes the installation of emissions control equipment and is accompanied by a net reduction in the allowable emissions of a pollutant. This exclusion from the definition of dispersion technique shall apply only to the emission limitation for the pollutant affected by a change in operation; or

(c) Before July 8, 1985, the merging was part of a change in operation at the installation that included the installation of emissions control equipment or was carried out for sound economic or engineering reasons. Where there was an increase in the emission limitation or in the event that no emission limitation was in existence prior to the merging, the director shall presume that merging was significantly motivated by an intent to gain emissions credit for greater dispersion. Without a demonstration by the source owner or operator that merging was not significantly motivated by that intent, the director shall deny credit for the effects of merging in calculating the allowable emissions for the source;

(III) Smoke management in agricultural or silvicultural prescribed burning programs;

(IV) Episodic restrictions on residential woodburning and open burning; or

(V) Techniques under part (2)(D)[17.]12.A.(III) of this rule which increase final exhaust gas plume rise where the resulting allowable emissions of sulfur dioxide from the installation do not exceed five thousand (5,000) tons per year.

[18. Disposed off-site—Sending used organic solvents or coatings outside of the facility boundaries for disposal.]

[19.]13. Distillation operation—An operation separating one (1) or more feed stream(s) into two (2) or more exit streams, each exit stream having component concentration different from those in the feed stream(s). The separation is achieved by the redistribution of the components between the liquid- and vapor-phase as they approach equilibrium within the distillation unit.

[20.]14. Distillation unit—A device or vessel in which distillation operations occur, including all associated internals (such as trays or packing) and accessories (such as reboiler, condenser, vacuum pump, stream jet, etc.), plus any associated recovery system.

[21.]15. Draft permit—The version of a permit for which the permitting authority offers public participation or affected state review.

[22.]16. Drum—Any cylindrical container of thirteen to one hundred ten- (13–110-)[.]gallon capacity.

[23. Dry scrubber—An add-on air pollution control system that injects dry alkaline sorbent (dry injection) or sprays an alkaline sorbent (spray dryer) to react with and neutralize acid gases in the exhaust stream forming a dry powder material.

24. Dual fuel engine—Compression ignited stationary internal combustion engine that is capable of burning liquid fuel and gaseous fuel simultaneously.]

(E) All terms beginning with E.

[1. Early reduction credit (ERC)—NO_x emission reductions in the years 2000, 2001, 2002, and 2003 that are below the limits specified in subsection (3)(A) of 10 CSR 10-6.350; ERCs will only be available for use during the years of 2004 and 2005. When calculating ERCs or performing calculations involving ERCs, ERCs shall always be rounded down to the nearest ton.

2. Economic benefit—Any monetary gain which accrues to a violator as a result of noncompliance.

3. Electric dissipating coating—A coating that rapidly dissipates a high-voltage electric charge.]

[4.]1. Electric generating unit (EGU)—Any fossil-fuel-fired boiler or turbine that serves an electrical generator with the potential to use more than fifty percent (50%) of the usable energy from the boiler or turbine to generate electricity.

[5. Electric-insulating and thermal-conducting coating—A coating that displays an electrical insulation of at least one thousand (1,000) volts DC per mil on a flat test plate and an average thermal conductivity of at least twenty-seven hundredths British thermal units (0.27 Btu) per hour-foot-degree-Fahrenheit.

6. Electric-insulating varnish—A nonconvertible-type coating applied to electric motors, components of electric motors, or power transformers, to provide electrical, mechanical, and environmental protection or resistance.]

[7.]2. Electrodeposition primer (EDP)—A protective, corrosion-resistant waterborne primer on exterior and interior surfaces that provides thorough coverage of recessed areas. It is a dip coating method that uses an electrical field to apply or deposit the conductive coating onto the part. The object being painted acts as an electrode that is oppositely charged from the particles of paint in the dip tank.

[8. Electromagnetic interference/radio frequency interference (EMI/RFI) shielding—A coating used on electrical or electronic equipment to provide shielding against electromagnetic interference (EMI), radio frequency interference (RFI), or static discharge.]

[9.]3. Electronic component—All portions of an electronic assembly, including[.] but not limited to[.] circuit board assemblies, printed wire assemblies, printed circuit boards, soldered joints, ground wires, bus bars, and associated electronic component manufacturing equipment such as screens and filters.

[10. Electrostatic preparation coat—A coating that is applied to a plastic part solely to provide conductivity for the subsequent application of a prime, topcoat, or other coating through the use of electrostatic application methods. An electrostatic preparation coat is clearly identified as an electrostatic preparation coat on its material safety data sheet.

11. Emergency—Defined as follows:

A. For the purpose of 10 CSR 10-6.300, a situation where extremely quick action on the part of the federal agencies involved is needed and where the timing of such federal activities makes it impractical to meet the requirements of 10 CSR 10-6.300, such as natural disasters like hurricanes or earthquakes, civil disturbances such as terrorist acts, and military mobilizations; and

B. For all other purposes, a situation or occurrence of a serious nature that develops suddenly, unexpectedly, and demands immediate action.

12. Emergency asbestos project—An asbestos project that must be undertaken immediately to prevent imminent severe human exposure or to restore essential facility operation.

13. Emergency standby boiler—For the purpose of 10 CSR 10-5.510, a boiler operated during times of loss of primary power at the installation that is beyond the control of the owner or operator, during routine maintenance, to provide steam for building heat; or to protect essential equipment.

14. Emergency standby engine—For the purpose of 10 CSR 10-6.390, an internal combustion engine used only when normal electrical power or natural gas service is interrupted or for the emergency pumping of water for either fire protection or flood relief. An emergency standby engine may not be operated to supplement a primary power source when the load capacity or rating of the primary power source has been either reached or exceeded.

15. Emergency standby generator— For the purpose of 10 CSR 10-6.350, a generator operated only during times of loss of primary power at the facility that is beyond the control of the owner or operator of the facility or during routine maintenance.

16. Emergency stationary combustion turbine—For the purpose of 10 CSR 10-5.510, a stationary combustion turbine operated only during times of loss of primary power at the facility that is beyond the control of the owner or operator of the facility or during routine maintenance.

17. Emergency stationary internal combustion engine— For the purpose of 10 CSR 10-5.510, a stationary internal combustion engine used to drive pumps, aerators, or other equipment only during times of loss of primary power at the facility that is beyond the control of the owner or operator of the facility or during routine maintenance.

18. Emission(s)—Defined as follows:

A. For the purpose of 10 CSR 10-6.360, air pollutants exhausted from a unit or source into the atmosphere, as measured, recorded, and reported to the administrator by the NOx authorized account representative and as determined by the administrator; and

B. For all other purposes, the release or discharge, whether directly or indirectly, into the atmosphere of one (1) or more air contaminants.]

4. Emergency – A situation or occurrence of a serious nature that develops suddenly, unexpectedly, and demands immediate action.

5. Emission(s)–The release or discharge, whether directly or indirectly, into the atmosphere of one (1) or more air contaminants.

[19.]6. Emission data –

A. The identity, amount, frequency, concentration, or other characteristics (related to air quality) of any air contaminant which –

(I) Has been emitted from an emission unit;

(II) Results from any emission by the emissions unit;

(III) Under an applicable standard or limitation, the emissions unit was authorized to emit; or

(IV) Is a combination of any of the parts (2)(E)

[19.]6.A.(I), (II), or (III) of this rule;

B. The name, address (or description of the location), and the nature of the emissions unit necessary to identify the emission units including a description of the device, equipment, or operation constituting the emissions unit; and

C. The results of any emission testing or monitoring required to be reported under any rules of the commission.

[20. Emission events—Discrete venting episodes that may be associated with a single unit of operation.]

[21.]7. Emission inventory—A listing of information on the location, type of source, type and quantity of pollutant emitted, as well as other parameters of the emissions.

[22.]8. Emission limitation—A regulatory requirement, permit condition, or consent agreement which limits the quantity, rate, or concentration of emissions on a continuous basis, including any requirement which limits the level of opacity, prescribes equipment, sets fuel specifications, or prescribes operation or maintenance procedures for an installation to assure continuous emission reduction.

[23. Emission offsets—For the purpose of 10 CSR 10-6.300, emissions reductions which are quantifiable, consistent with the applicable implementation plan attainment and reasonable further progress demonstrations, surplus to reductions required by, and credited to, other applicable implementation plan provisions, enforceable under both state and federal law, and permanent within the time frame specified by the program. Emissions reductions intended to be achieved as emissions offsets must be monitored and enforced in a manner equivalent to that under the U.S. Environmental Protection Agency's new source review requirements.

24. Emission rate cutoff—The threshold annual emission rate to which a landfill compares its estimated emission rate to determine if control under the applicable regulation is required.

25. Emission reduction credit (ERC)—A certified emission reduction that is created by eliminating future emissions and expressed in tons per year. One (1) ERC is equal to one (1) ton per year. An ERC must be real, properly quantified, permanent, and surplus.]

[26.]9. Emissions budgets—Those portions of the total allowable emissions defined in a U.S. Environmental Protection Agency-approved revision to the applicable implementation plan for a certain date for the purpose of meeting reasonable further progress milestones or attainment or maintenance demonstrations, for any criteria pollutant or its precursors, specifically allocated by the applicable implementation plan to mobile sources, to any stationary source or class of stationary sources, to any federal action or class of action, to any class of area sources, or to any subcategory of the emissions inventory. The allocation system must be specific enough to assure meeting the criteria of section 176(c)(1)(B) of the Clean Air Act. An emissions budget may be expressed in terms of an annual period, a daily period, or other period established in the applicable implementation plan.

[27.]10. Emissions inspection – For the purpose of 10 CSR 10-5.381, tests performed on a vehicle in order to evaluate whether the vehicle's emissions control components are present and properly functioning.

[28.]11. Emissions report—A report that satisfies the provisions of 10 CSR 10-6.110 and is either a –

A. Full emissions report—Contains all required data elements for current reporting year; or

B. Reduced reporting form –Represents data elements and emissions from the last full emissions report.

[29. Emissions unit—Defined as follows:

A. For the purpose of 10 CSR 10-6.410, any part of a source or activity at a source that emits or would have the

potential to emit criteria pollutants or their precursors; and

B. For all other purposes, any part or activity of an installation that emits or has the potential to emit any regulated air pollutant or any pollutant listed under section 112(b) of the Act. This term is not meant to alter or affect the definition of the term unit for the purposes of Title IV of the Act.

30. Emulsified asphalt—An emulsion of asphalt cement and water that contains a small amount of an emulsifying agent, as specified in ASTM D 977-12b or ASTM D 2397-12.]

12. Emissions unit—Any part or activity of an installation that emits or has the potential to emit any regulated air pollutant or any pollutant listed under section 112(b) of the Act. This term is not meant to alter or affect the definition of the term unit for the purposes of Title IV of the Act.

[31.]13. Enamel—A surface coating that is a mixture of paint and varnish, having vehicles similar to those used for varnish, but also containing pigments.

[32.]14. Enclosed combustor—An enclosed firebox which maintains a relatively constant limited peak temperature generally using a limited supply of combustion air. An enclosed flare is considered an enclosed combustor.

[33. End exterior coating—A coating applied to the exterior end of a can to provide protection to the metal.

34. End seal compound—The gasket forming coating used to attach the end pieces of a can during manufacturing or after filling with contents.

35. Energized electrical system—Any alternating current (AC) or direct current (DC) electrical circuit on an assembled aircraft once electrical power is connected, including interior passenger and cargo areas, wheel wells, and tail sections.

36. Energy Information Administration—The Energy Information Administration of the United States Department of Energy.]

[37.]15. Equipment—Any item that is designed or intended to perform any operation and includes any item attached to it to assist in the operation.

[38.]16. Equipment leak—Emissions of volatile organic compounds from pumps, valves, flanges, or other equipment used to transfer or apply finishing materials or organic solvents.

[39.]17. Equivalent method—Any method of sampling and analyzing for an air pollutant that has been demonstrated to the director's satisfaction to have a consistent and quantitatively known relationship to the reference method under specific conditions.

[40. Etching filler—A coating for metal that contains less than twenty-three percent (23%) solids by weight and at least one-half percent (0.5%) acid by weight, and is used instead of applying a pretreatment coating followed by a primer.]

[41.]18. Ethylene propylene diene monomer (EPDM) roof membrane—A prefabricated single sheet of elastomeric material composed of ethylene propylene diene monomer and that is applied to a building roof in the field using one (1) layer of membrane material.

[42.]19. Excess emissions—The emissions which exceed the requirements of any applicable emission control regulation.

[43.]20. Excessive concentration—

A. For installations seeking credit for reduced ambient pollutant concentrations from stack height exceeding that defined in subparagraph (2)(G)[14.]7.B. of this rule, an excessive concentration is a maximum ground-level concentration due to emissions from a stack due in whole or part to downwash, wakes, or eddy effects produced by nearby structures or nearby terrain features which are at least forty percent (40%) in excess of the maximum concentration experienced in

the absence of the downwash, wakes, or eddy effects, and that contributes to a total concentration due to emissions from all installations that is greater than an ambient air quality standard. For installations subject to the prevention of significant deterioration program as set forth in 10 CSR 10-6.060(8), an excessive concentration means a maximum ground-level concentration due to emissions from a stack due to the same conditions as mentioned previously and is greater than a prevention of significant deterioration increment. The allowable emission rate to be used in making demonstrations under this definition shall be prescribed by the new source performance regulation as referenced by 10 CSR 10-6.070 for the source category unless the owner or operator demonstrates that this emission rate is infeasible. Where demonstrations are approved by the director, an alternative emission rate shall be established in consultation with the source owner or operator;

B. For installations seeking credit after October 11, 1983, for increases in stack heights up to the heights established under subparagraph (2)(G)[14.]7.B. of this rule, an excessive concentration is either—

(I) A maximum ground-level concentration due in whole or part to downwash, wakes, or eddy effects as provided in subparagraph (2)(E)[43.]20.A. of this rule, except that the emission rate used shall be the applicable emission limitation (or, in the absence of this limit, the actual emission rate); or

(II) The actual presence of a local nuisance caused by the stack, as determined by the director; and

C. For installations seeking credit after January 12, 1979, for a stack height determined under subparagraph (2)(G)[14.]7.B. of this rule where the director requires the use of a field study of fluid model to verify good engineering practice stack height, for installations seeking stack height credit after November 9, 1984, based on the aerodynamic influence of cooling towers, and for installations seeking stack height credit after December 31, 1970, based on the aerodynamic influence of structures not represented adequately by the equations in subparagraph (2)(G)[14.]7.B. of this rule, a maximum ground-level concentration due in whole or part to downwash, wakes, or eddy effects that is at least forty percent (40%) in excess of the maximum concentration experienced in the absence of downwash, wakes, or eddy effects.

[44. Existing—Defined as follows:

A. For the purpose of 10 CSR 10-6.405, any source that is existing, installed, or under construction on February 15, 1979, in the Kansas City or St. Louis metropolitan area, except that if any source in these areas subsequently is altered, repaired, or rebuilt at a cost of thirty percent (30%) or more of its replacement cost, exclusive of routine maintenance, it shall no longer be existing but shall be considered as new; and

B. For all other purposes, any equipment, machine, device, article, contrivance, or installation that is existing, installed, or under construction in the Kansas City metropolitan area on September 25, 1968 (Buchanan County, January 21, 1970), in the St. Louis metropolitan area on March 24, 1967 (Franklin County, January 18, 1972), in the Springfield metropolitan area on September 24, 1971, and in the outstate Missouri area on February 24, 1971, except that if equipment, machine, device, article, contrivance, or installation subsequently is altered, repaired, or rebuilt at a cost of fifty percent (50%) or more of its replacement cost exclusive of routine maintenance, it shall no longer be existing but shall be considered new as defined in this regulation. The cost of installing equipment designed principally for the purpose of air pollution control is not to be considered a cost of altering, repairing, or rebuilding existing equipment for the purpose of this definition.

45. Exterior coating (two (2)-piece)—A surface coating

used to coat the outside face of a two (2)-piece can. Used to provide protection from the lithograph or printing operations.

46. External floating roof—A storage vessel cover in an open top tank consisting of a double deck or pontoon single deck which rests upon and is supported by petroleum liquid being contained and is equipped with a closure seal(s) to close the space between the roof edge and tank wall.

47. Extreme high gloss coating—A coating applied to—

A. Pleasure craft, which, when tested by ASTM D 523-08, shows a reflectance of ninety percent (90%) or more on a sixty-degree (60°) meter; or

B. Metal and plastic parts that are not components of pleasure craft, which, when tested by ASTM D 523-08, shows a reflectance of seventy-five percent (75%) or more on a sixty-degree (60°) meter.

48. Extreme performance coating—A coating used on a metal or plastic surface where the coated surface is, in its intended use, subject to the following:

A. Chronic exposure to corrosive, caustic, or acidic agents, chemicals, chemical fumes, chemical mixtures, or solutions;

B. Repeated exposure to temperatures in excess of two hundred fifty degrees Fahrenheit (250 °F); or

C. Repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial grade solvents, cleansers, or scouring agents.]

21. Existing – Any equipment, machine, device, article, contrivance, or installation that is existing, installed, or under construction in the Kansas City metropolitan area on September 25, 1968 (Buchanan County, January 21, 1970), in the St. Louis metropolitan area on March 24, 1967 (Franklin County, January 18, 1972), in the Springfield metropolitan area on September 24, 1971, and in the outstate Missouri area on February 24, 1971, except that if equipment, machine, device, article, contrivance, or installation subsequently is altered, repaired, or rebuilt at a cost of fifty percent (50%) or more of its replacement cost exclusive of routine maintenance, it shall no longer be existing but shall be considered new as defined in this regulation. The cost of installing equipment designed principally for the purpose of air pollution control is not to be considered a cost of altering, repairing, or rebuilding existing equipment for the purpose of this definition.

(F) All terms beginning with F.

[1. Fabric coating—A coating applied to a textile substrate by dipping or by means of a knife or roll.

2. Fabric filter or baghouse—An add-on air pollution control system that removes particulate matter and nonvolatile metals emissions by passing flue gas through filter bags.]

[3.]1. Facilities manager—The individual in charge of purchasing, maintaining, and operating the HMIWI or the owner's or operator's representative responsible for the management of the HMIWI. Alternative titles may include director of facilities or vice president of support services.

[4. Facility—Defined as follows:

A. For the purposes of 10 CSR 10-6.241 and 10 CSR 10-6.250, any institutional, commercial, public, industrial, or residential structure, installation, or building (including any structure, installation, or building containing condominiums or individual dwelling units operated as a residential cooperative, but excluding residential buildings having four (4) or fewer dwelling units); any ship; and any active or inactive waste disposal site. Any building, structure, or installation that contains a loft used as a dwelling is not considered a residential structure, installation, or building. This definition does include any structure, installation, or building that was previously

subject to 40 CFR 61, subpart M, regardless of its current use or function; and

B. For all other purposes, see installation.

5. Federal action—Any activity engaged in by a department, agency, or instrumentality of the federal government, or any activity that a department, agency, or instrumentality of the federal government supports in any way, provides financial assistance for, licenses, permits, or approves, other than activities related to transportation plans, programs, and projects developed, funded, or approved under Title 23 U.S.C. or the Federal Transit Act (49 U.S.C. 1601 et seq.). Where the federal action is a permit, license, or other approval for some aspect of a nonfederal undertaking, the relevant activity is the part, portion, or phase of the nonfederal undertaking that requires the federal permit, license, or approval.]

2. Facility – See installation.

[6.]3. Federal agency – A federal department, agency, or instrumentality of the federal government.

[7.]4. Federally enforceable – All limitations and conditions which are enforceable by the administrator, including those requirements developed pursuant to 40 CFR 55, 60, 61, and 63; requirements within any applicable state implementation plan; requirements in operating permits issued pursuant to 40 CFR 70 or 71, unless specifically designated as nonfederally enforceable; and any permit requirements established pursuant to 40 CFR 52.10, 52.21, or 55, or under regulations approved pursuant to 40 CFR 51, subpart I, including operating permits issued under a U.S. Environmental Protection Agency-approved program that is incorporated into the state implementation plan and expressly requires adherence to any permit issued under such program.

[8. Fill capacity—The maximum amount of wood that can be properly loaded into a charcoal kiln prior to the burn cycle.]

[9.]5. Final permit – The version of a part 70 permit issued by the permitting authority that has completed all review procedures as required in 40 CFR 70.7 and 70.8.

[10. Final repair—The final coatings applied to correct topcoat imperfections after the complete assembly of the automobile.

11. Finish foil mill—Batch process aluminum foil rolling mill with work rolls in contact to reduce foil gauge. This process reduces intermediate foil and in some cases finished sheet to final gauges. A finish foil mill is used mainly in the production of aluminum foil at gauges between 0.005 inches to 0.00018 inches. Reductions to finish gauge may occur in several passes through the mill.

12. Finish primer/surfacer—A coating applied to pleasure craft with a wet film thickness of less than ten (10) mils prior to the application of a topcoat for purposes of providing corrosion resistance, adhesion of subsequent coatings, a moisture barrier, or promotion of a uniform surface necessary for filling in surface imperfections.

13. Finishing application station—The part of a finishing operation where the finishing material is applied, e.g., a spray booth.]

[14.]6. Finishing material – A coating used in the wood furniture industry. [For the purpose of 10 CSR 10-5.530, such materials include, but are not limited to, basecoats, stains, washcoats, sealers, and topcoats.]

[15.]7. Finishing operation – Those activities in which a finishing material is applied to a substrate and is subsequently air-dried, cured in an oven, or cured by radiation.

[16.]8. Firebox – The chamber or compartment of a boiler or furnace in which materials are burned but does not mean the combustion chamber of an incinerator.

[17.]9. Flame zone – The portion of the combustion

chamber in a boiler occupied by the flame envelope.

[18.]10. Flare—An open combustor without enclosure or shroud.

[19.]11. Flash-off area—The space between the application area and the oven.

[20. Flexible coating—A coating that is required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original equipment manufacturer.]

[21.]12. Flexible package printing—The application of a coating, or the performance of a graphic arts operation, to flexible packaging. The printing processes used for flexible package printing are rotogravure and flexography. The printing of shrink-wrap labels or wrappers conducted on or in-line with a flexible package printing press is flexible package printing. The printing of self-adhesive labels is not flexible package printing.

[22.]13. Flexible packaging—Any package or part of a package the shape of which can be readily changed. Flexible packaging includes[,] but is not limited to[,] bags, pouches, liners, and wraps utilizing paper, plastic, film, aluminum foil, metalized or coated paper or film, or any combination of these materials.

[23. Flexible vinyl—Nonrigid polyvinyl chloride plastic with at least five percent (5%) by weight plasticizer content.]

[24.]14. Flexographic printing—The application of words, designs, and pictures to a substrate by means of a roll printing technique in which the pattern to be applied is raised above the printing roll and the image carrier is made of rubber or other elastomeric materials.

[25. Flow indicator—A device that indicates whether gas flow is present in a vent stream.

26. Flush cleaning—The removal of contaminants such as dirt, grease, and coatings from a vehicle, component, or coating equipment by passing solvent over, into, or through the item being cleaned. The solvent may simply be poured into the item cleaned and then drained, or be assisted by air or hydraulic pressure, or by pumping. The solvent drained from the item may be assisted by air, compressed gas, hydraulic pressure or by pumping. Hand-wipe cleaning operations where wiping, scrubbing, mopping, or other hand actions are used are not included in this definition. Flush cleaning does not include spray gun cleaning.

27. Fog coat—A coating that is applied to a plastic part for the purpose of color matching without masking a molded-in texture.

28. Food service establishment—Any fixed or mobile restaurant; coffee shop; cafeteria; short order cafe; luncheonette; grill; tearoom; sandwich shop; soda fountain; tavern; bar; cocktail lounge; night club; roadside stand; industrial feeding establishment; private, public, or nonprofit organization or institution routinely serving food; catering kitchen, commissary, or similar place in which food or drink is placed for sale or for service on the premises or elsewhere; and any other eating or drinking establishment or operation where food is served or provided for the public with or without charge.]

[29.]15. Fossil fuel—Natural gas, petroleum, coal, or any form of solid, liquid, or gaseous fuel derived from such material.

[30. Fossil-fuel-fired—Defined as follows:

A. For the purpose of 10 CSR 10-6.360, with regard to a unit, the combustion of fossil fuel, alone or in combination with any other fuel, where fossil fuel—

(I) Actually combusted comprises more than fifty percent (50%) of the annual heat input on a British thermal unit (Btu) basis during any year starting in 1995 or, if a unit had no

heat input starting in 1995, during the last year of operation of the unit prior to 1995; or

(II) Is projected to comprise more than fifty percent (50%) of the annual heat input on a Btu basis during any year; provided that the unit shall be fossil-fuel-fired as of the date, during such year, on which the unit begins combusting fossil fuel; and

B. For all other purposes, with regard to a unit, the combustion of fossil fuel, alone or in combination with any other fuel, where fossil fuel is projected to comprise more than fifty percent (50%) of the annual heat input.

31. Fountain solution—The solution which is applied to the image plate to maintain the hydrophilic properties of the nonimage areas. It is primarily water containing an etchant, a gum arabic, and a dampening aid (commonly containing alcohol and alcohol substitutes).

32. Fountain solution reservoir—The collection tank that accepts fountain solution recirculated from printing unit(s). In some cases, the tanks are equipped with cooling coils for refrigeration of the fountain solution.

33. Freeboard area—The air space in a batch-load cold cleaner that extends from the liquid surface to the top of the tank.

34. Freeboard height—

A. The distance from the top of the solvent to the top of the tank for batch-loaded cold cleaners;

B. The distance from the air-vapor interface to the top of the tank for open-top vapor degreasers; or

C. The distance from either the air-solvent or air-vapor interface to the top of the tank for conveyORIZED degreasers.

35. Freeboard ratio—The freeboard height divided by the smaller of either the inside length or inside width of the degreaser.]

16. Fossil-fuel-fired—With regard to a unit, the combustion of fossil fuel, alone or in combination with any other fuel, where fossil fuel is projected to comprise more than fifty percent (50%) of the annual heat input.

[36.]17. Friable asbestos-containing material—Any material that contains more than one percent (1%), as determined by either the method specified in appendix E, section 1 Polarized Light Microscopy in 40 CFR 61, subpart M or EPA/600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials, asbestos that, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure.

[37.]18. Fugitive emissions—Those emissions which according to good engineering practice could not pass through a stack, chimney, vent, or other functionally equivalent opening.

(G) All terms beginning with G.

1. Gas mover equipment—The equipment (i.e., fan, blower, compressor) used to transport landfill gas through the header system.

[2. Gas volatile organic compounds (VOC) service—A component that contacts a process fluid containing ten percent (10%) or greater VOC by weight that is in a gaseous state at operating conditions.]

[3.]2. Gaseous fuel—A combustible gas that includes[,] but is not limited to[,] natural gas, landfill gas, coal-derived gas, refinery gas, and biogas. Blast furnace gas is not considered a gaseous fuel under this definition.

[4.]3. Gasoline—A petroleum liquid having a Reid vapor pressure four pounds (4 lbs) per square inch or greater.

[5. Gasoline dispensing facility—Any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle.]

[6.]4. Gasoline distribution facility—Any stationary facility which transfers, loads, and/or unloads gasoline, including

but not limited to gasoline bulk terminals, bulk plants, and pipeline facilities, that also does not meet the definition of a gasoline dispensing facility.

[7.]5. General account—A NO_x allowance tracking system account that is not a compliance account or an overdraft account.

[8. General aviation—Segment of civil aviation that encompasses all facets of aviation except air carriers, commuters, and military. General aviation includes charter and corporate-executive transportation, instruction, rental, aerial application, aerial observation, business, pleasure, and other special uses.

9. General aviation rework facility—Any aerospace installation with the majority of its revenues resulting from the reconstruction, repair, maintenance, repainting, conversion, or alteration of general aviation aerospace vehicles or components.

10. Generating activity—Any process modification that results in a permanent reduction in emissions.]

[11.]6. Generator—A device that produces electricity.

[12. Generator source—Any source that generates an emission reduction credit.

13. Gloss reducer—A coating that is applied to a plastic part solely to reduce the shine of the part.]

[14.]7. Good engineering practice (GEP) stack height—The greater of—

A. Sixty-five meters (65 m) measured from the ground-level elevation at the base of the stack;

B. For stacks on which construction commenced on or before January 12, 1979, and for which the owner or operator had obtained all applicable permits or approvals required under 40 CFR 51 and 52,

$$\text{Hg} = 2.5\text{H}$$

provided the owner or operator produces evidence that this equation was actually relied on in establishing an emission limitation; and for all other stacks,

$$\text{Hg} = \text{H} + 1.5\text{L}$$

Where:

Hg = GEP stack height, measured from the ground-level elevation at the base of the stack;

H = height of nearby structure(s) measured from the ground-level elevation at the base of the stack; and

L = lesser dimension, height, or projected width of the nearby structure(s). Provided that the director may require the use of a field study or fluid model to verify GEP stack height for the installation; or

C. The height demonstrated by a fluid model or field study approved by the director, which ensures that the emissions from a stack do not result in excessive concentrations of any air pollutant as a result of atmospheric downwash, wakes, or eddy effects created by the source itself, nearby structures, or nearby terrain features.

[15.]8. Gravity-based assessment—The degree of seriousness of a violation taking into consideration the risk to human health and the environment posed by the violation and considering the extent of deviation from 643.010–643.250, RSMo.

[16.]9. Greenfield site—For the purpose of 10 CSR 10-6.060(9), a contiguous area under common control that is an undeveloped site.

[17.]10. Gross vehicle weight rating (GVWR)—The value specified by the manufacturer as the maximum design loaded weight of a single vehicle.

[18.]11. Ground-level ozone—A colorless, odorless gas formed by the mixing of volatile organic compounds and

oxides of nitrogen from stationary and mobile pollution sources in the presence of heat and sunlight. Ground-level ozone is a strong oxidizer that negatively affects human health by causing diminished lung function in both healthy individuals and those with pre-existing respiratory problems.

(H) All terms beginning with H.

[1. Halogenated vent stream—Any vent stream determined to have a total concentration of halogen atoms (by volume) contained in organic compounds of two hundred (200) parts per million by volume or greater determined by Method 18 of 40 CFR 60, Appendix A, or other test or data validated by Method 301 of 40 CFR 63, Appendix A, or by engineering assessment or process knowledge that no halogenated organic compounds are present. For example, one hundred fifty (150) parts per million by volume of ethylene dichloride would contain three hundred (300) parts per million by volume of total halogen atoms.

2. Hand cleaning/wiping operation—The removal of contaminants, such as dirt, grease, oil, and coatings, from a surface by physically rubbing it with a material such as a rag, paper, or cotton swab that has been moistened with a cleaning solvent.]

[3.]1. Hand-fired fuel-burning equipment—Any stove, furnace, or other fuel-burning device in which fuel is manually introduced directly into the combustion chamber.

[4.]2. Hardboard—A panel manufactured primarily from interfelted lignocellulosic fibers that are consolidated under heat and pressure in a hot press.

[5.]3. Hardwood particleboard—A manufactured board one-fourth inch (1/4") or less in thickness made of individual wood particles that have been coated with a binder and formed into flat sheets by pressure.

[6.]4. Hazardous air pollutant—Any of the air pollutants listed in subsection (3)(C) of this rule.

[7.]5. Hearing—Any presentation to, or consideration by, the hearing officer of evidence or argument on a petition seeking the commission's review of an action by the department.

[8.]6. Hearing officer—A person appointed by the Administrative Hearing Commission.

[9.]7. Heat input—The product (in mmBtu/time) of the gross calorific value of the fuel (in Btu/lb) and the fuel feed rate into a combustion device (in mass of fuel/time), as measured, recorded, and reported to the administrator by the NO_x authorized account representative and as determined by the administrator in accordance with the approved process, and does not include the heat derived from preheated combustion air, recirculated flue gases, or exhaust from other sources.

[10. Heat resistant coating—A coating that must withstand a temperature of at least four hundred degrees Fahrenheit (400 °F) during normal use.]

[11.]8. Heatset—A class of web-offset lithographic and letterpress printing in which the setting of the printing inks requires a heated dryer to evaporate the ink oils. The setting or curing of inks using only radiation (e.g., infrared, ultraviolet light, or electron beam) is not heatset and is classified as nonheatset.

[12.]9. Heavy-duty diesel vehicle—A vehicle that—

A. Has a gross vehicle weight rating greater than ten thousand pounds (10,000 lbs);

B. Is powered by a diesel engine; and

C. Is designed primarily for transporting persons or property on a public street or highway.

[13.]10. Heavy-duty vehicle (HDV)—Any motor vehicle rated at eight thousand five hundred one pounds (8,501 lbs) gross vehicle weight rating or more.

[14.]11. High-air phase—The stage of the batch operating cycle when the primary chamber reaches and maintains maximum operating temperatures.

[15. High-bake coating—A coating which is designed to cure only at temperatures of more than one hundred ninety-four degrees Fahrenheit (194 °F).

16. High-build primer/surfacer—A coating applied to pleasure craft with a wet film thickness of ten (10) mils or more prior to the application of a topcoat for purposes of providing a moisture barrier, corrosion resistance, adhesion of subsequent coatings, or promoting a uniform surface necessary for filling in surface imperfections.

17. High-gloss coating—A coating applied to pleasure craft which, when tested by ASTM D 523-08, shows a reflectance of eighty-five percent (85%) or more on a sixty-degree (60°) meter.

18. High-performance architectural coating—A coating used to protect architectural subsections and which meets the requirements of the Architectural Aluminum Manufacturer Association's publication number AAMA 2604-05, Voluntary Specification, Performance Requirements, and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels or AAMA 2605-05, Voluntary Specification, Performance Requirements, and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels.

19. High-temperature coating—A coating that is certified to withstand a temperature of one thousand degrees Fahrenheit (1,000 °F) for twenty-four (24) hours.

20. High terrain—Any area having an elevation nine hundred feet (900') or more above the base of the stack of the installation.

21. High-volume low-pressure (HVLP) spray equipment—Spray equipment that is used to apply coating by means of spray gun that operates at ten pounds per square inch gauge (10.0 psig) of atomizing air pressure or less at the air cap.]

[22.]12. Higher heating value (HHV)—The total heat liberated per mass of fuel burned in British thermal units (Btu) per pound, when fuel and dry air at standard conditions undergo complete combustion and all resultant products are brought to their standard states at standard conditions. It can be determined by 10 CSR 10-6.040(2) for solid fuels or 10 CSR 10-6.040(3) for liquid hydrocarbons.

[23.]13. HMIWI operator—Any person who operates, controls, or supervises the day-to-day operation of an HMIWI.

[24.]14. Hospital—Any facility which has an organized medical staff, maintains at least six (6) inpatient beds, and where the primary function of the institution is to provide diagnostic and therapeutic patient services and continuous nursing care primarily to human in-patients who are not related and who stay on average in excess of twenty-four (24) hours per admissions. This definition does not include facilities maintained for the sole purpose of providing nursing or convalescent care to human patients who generally are not acutely ill but who require continuing medical supervision.

[25.]15. Hospital/medical/infectious waste incinerator (HMIWI) or HMIWI unit—Any device that combusts any amount of hospital waste and/or medical/infectious waste.

[26.]16. Hospital waste—Discards generated at a hospital, except unused items returned to the manufacturer. The definition of hospital waste does not include human corpses, remains, and anatomical parts that are intended for interment or cremation.

[27.]17. Household waste—Any solid waste (including garbage, trash, and sanitary waste in septic tanks) derived from households (including[,]) but not limited to[,]) single and

multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas).

(I) All terms beginning with I.

[1. Idling—The operation of an engine where the engine is not engaged in gear.

2. Incinerator—Defined as follows:

A. For the purpose of 10 CSR 10-5.530, any enclosed combustion device that thermally oxidizes volatile organic compounds to carbon monoxide (CO) and carbon dioxide (CO₂). This term does not include devices that burn municipal or hazardous waste material;

B. For the purpose of 10 CSR 10-5.550, any enclosed combustion device that is used for destroying organic compounds. Auxiliary fuel may be used to heat waste gas to combustion temperatures. Any energy recovery section present is not physically formed into one (1) section; rather, the energy recovery system is a separate section following the combustion section and the two (2) are joined by ducting or connections that carry fuel gas; and

C. For all other purposes, any article, machine, equipment, contrivance, structure, or part of a structure used to burn refuse or to process refuse material by burning other than by open burning as defined in this rule.]

1. Incinerator—Any article, machine, equipment, contrivance, structure, or part of a structure used to burn refuse or to process refuse material by burning other than by open burning as defined in this rule.

[3.]2. Increase the frequency or severity of any existing violation of any standard in any area—To cause a nonattainment area to exceed a standard more often or to cause a violation at a greater concentration than previously existed or would otherwise exist during the future period in question, if the project were not implemented.

[4.]3. Indirect emissions—Those emissions of a criteria pollutant or its precursors—

A. That are caused or initiated by the federal action and originate in the same nonattainment or maintenance area but may occur at a different time or place;

B. That are reasonably foreseeable; and

C. That the federal agency can practically control and will maintain control due to a continuing program responsibility of the federal agency, including[,]) but not limited to—

(I) Traffic on or to, or stimulated or accommodated by, a proposed facility which is related to increases or other changes in the scale or timing of operations of such facility;

(II) Emissions related to the activities of employees of contractors or federal employees;

(III) Emissions related to employee commutation and similar programs to increase average vehicle occupancy imposed on all employers of a certain size in the locality; or

(IV) Emissions related to the use of federal facilities under lease or temporary permit. For the purposes of this definition, even if a federal licensing, rulemaking, or other approving action is a required initial step for a subsequent activity that causes emissions, such initial steps do not mean that a federal agency can practically control any resulting emissions.

[5.]4. Indirect heating source—A source operation in which fuel is burned for the primary purpose of producing steam, hot water, or hot air, or other indirect heating of liquids, gases, or solids where, in the course of doing so, the products of combustion do not come into direct contact with process materials.

[6.]5. Indoor floor covering installation adhesive—

An adhesive intended by the manufacturer for use in the installation of wood flooring, carpet, resilient tile, vinyl tile, vinyl-backed carpet, resilient sheet, and roll or artificial grass. Adhesives used to install ceramic tile and perimeter bonded sheet flooring with vinyl backing onto a nonporous substrate, such as flexible vinyl, are excluded from this category.

[7. *Industrial boiler*—A boiler used in manufacturing, processing, mining, and refining, or any other industry to provide steam, hot water, and/or electricity.

8. *Industrial solid waste*—Solid waste generated by manufacturing or industrial processes that is not a hazardous waste regulated under Subtitle C of the Resource Conservation and Recovery Act, 40 CFR 264 and 265. Such waste may include, but is not limited to, waste resulting from the following manufacturing processes: electric power generation; fertilizer/agricultural chemicals; food and related products/by-products; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay, and concrete products; textile manufacturing; transportation equipment; and water treatment. This term does not include mining waste or oil and gas waste.

9. *Industrial surface coating operation*—The surface coating of manufactured items intended for distribution in commerce to persons other than the person or legal entity performing the surface coating.]

[10.]6. *Infectious agent*—Any organism (such as a virus or bacteria) that is capable of being communicated by invasion and multiplication in body tissues and capable of causing disease or adverse health impacts in humans.

[11.]7. *Initial emissions inspection*—For the purpose of 10 CSR 10-5.381, an emissions inspection consisting of the inspection series that occurs the first time a vehicle is inspected in a compliance cycle.

[12.]8. *Initial fueling of motor vehicles*—The operation, including related equipment, of dispensing gasoline fuel into a newly assembled motor vehicle equipped with onboard refueling vapor recovery (ORVR) at an automobile assembly plant while the vehicle is still being assembled on the assembly line. Newly assembled motor vehicles being fueled on the assembly line shall be equipped with ORVR and have fuel tanks that have never before contained gasoline fuel.

[13.]9. *Ink formulation as applied*—The base graphic arts coating and any additives such as thinning solvents to make up the ink material that is applied to a substrate.

[14. *In-line repair*—The operation performed and coating(s) applied to correct damage or imperfections in the topcoat on parts that are not yet on a completely assembled vehicle. The curing of the coatings applied in these operations is accomplished at essentially the same temperature as that used for curing the previously applied topcoat. Also referred to as high-bake repair or high-bake reprocess and is considered part of the topcoat operation.]

[15.]10. *Innovative control technology*—Any system of air pollution control that has not been adequately demonstrated in practice but would have a substantial likelihood of achieving greater continuous emission reduction than any control system in current practice or of achieving at least comparable reductions at lower cost in terms of energy, economics, or non-air quality environmental impacts.

[16.]11. *Insignificant activity*—An activity or emission unit in which the only applicable requirement would be to list the requirement in an operating permit application under 10 CSR 10-6.065 and is either of the following:

A. Emission units whose aggregate emission levels for

the installation do not exceed that of the *de minimis* levels; and

B. Emission units or activities listed in 10 CSR 10-6.061 as exempt or excluded from construction permit review under 10 CSR 10-6.060.

[17. *Installation*—Defined as follows:

A. For the purposes of 10 CSR 10-6.241 and 10 CSR 10-6.250, any building or structure, or any group of buildings or structures, at a single demolition or renovation site that are under the control of the same owner or operator (or owner or operator under common control); and

B. For all other purposes, all source operations including activities that result in fugitive emissions, that belong to the same industrial grouping (that have the same two (2)-digit code as described in the *Standard Industrial Classification Manual*, 1987), and any marine vessels while docked at the installation, located on one (1) or more contiguous or adjacent properties and under the control of the same person (or persons under common control).]

12. *Installation*—All source operations, including activities that result in fugitive emissions, that belong to the same industrial grouping (that have the same two (2)-digit code as described in the *Standard Industrial Classification Manual*, 1987), and any marine vessels while docked at the installation, located on one (1) or more contiguous or adjacent properties and under the control of the same person (or persons under common control).

[18.]13. *Institutional cleaning*—Cleaning activities conducted at organizations, societies, or corporations including but not limited to schools, hospitals, sanitariums, and prisons.

[19. *Institutional vehicle*—Any motor vehicle, other than a passenger vehicle, and any trailer, semitrailer, or pole trailer drawn by such a motor vehicle, that is designed, used, and maintained for the transportation of persons or property for an establishment, foundation, society, or the like, devoted to the promotion of a particular cause or program, especially one of a public, educational, or charitable character.

20. *Interior body spray (two (2)- and three (3)-piece)*—The surface coating for the interior and ends of a two (2)-piece formed can or the surface coating of the side of the rectangular material to be used as the interior and ends of a three (3)-piece can.]

[21.]14. *Interior well*—Any well or similar collection component located inside the perimeter of the landfill waste. A perimeter well located outside the landfill waste is not an interior well.

[22. *Intermediate foil mill*—Batch process aluminum foil rolling mill with the work rolls in contact to reduce foil gauge. This process reduces finished sheet to intermediate foil gauges. An intermediate foil mill is used mainly in the production of aluminum foil at gauges between 0.010 inches to 0.0004 inches. Reductions to finish gauge may occur in several passes through the mill.]

[23.]15. *Intermediate installations*—Part 70 installations that become basic state installations based on their potential to emit by accepting the imposition of voluntarily agreed to federally enforceable limitations on the type of materials combusted or processed, operating rates, hours of operation, or emission rates more stringent than those otherwise required by rule or regulation.

[24.]16. *Intermittent hospital/medical/infectious waste incinerator (HMIWI)*—An HMIWI that is designed to allow waste charring, but not ash removal, during combustion.

[25.]17. *Internal combustion engine*—Any engine in which power, produced by heat and/or pressure developed in

the engine cylinder(s) by burning a mixture of fuel and air, is subsequently converted to mechanical work by means of one (1) or more pistons.

[26.]18. Internal floating roof – A product cover in a fixed roof tank which rests upon or is floated upon the volatile organic compound liquid being contained and which is equipped with a sliding seal(s) to close the space between the edge of the covers and tank shell.

(J) All terms beginning with J.

1. Janitorial cleaning – The cleaning of building or facility components such as the floors, ceilings, walls, windows, doors, stairs, bathrooms, kitchens, etc. in nonmanufacturing areas.

[2.] Jet engine test cell—*A stationary jet engine used for the purpose of research and testing.*

[3.]2. Jobbing cupola – A cupola which has a single melting cycle operated no more than ten (10) hours in any consecutive twenty-four (24) hours and no more than fifty (50) hours in any consecutive seven (7) days.

(L) All terms beginning with L.

[1.] Lacquers—*A surface coating that is basically solutions of nitrocellulose in volatile organic compounds, with plasticizers and other resins added to improve the quality of the film.*

[2.]1. Laminate – A product made by bonding together two (2) or more layers of material.

[3.]2. Landfill – An area of land or an excavation in which wastes are placed for permanent disposal, and that is not a land application unit, surface impoundment, injection well, or waste pile as those terms are defined under 40 CFR 257.2.

[4.]3. Large HMIWI – An HMIWI whose maximum design waste burning capacity is more than five hundred pounds (500 lbs) per hour, or a continuous or intermittent HMIWI whose maximum charge rate is more than five hundred pounds (500 lbs) per hour, or a batch HMIWI whose maximum charge rate is more than four thousand pounds (4,000 lbs) per day. The following are not large HMIWI: a continuous or intermittent HMIWI whose maximum charge rate is less than or equal to five hundred pounds (500 lbs) per hour; or a batch HMIWI whose maximum charge rate is less than or equal to four thousand pounds (4,000 lbs) per day.

[5.]4. Lateral expansion – A horizontal expansion of the waste boundaries of an existing municipal solid waste landfill. A lateral expansion is not a modification unless it results in an increase in the design capacity of the landfill.

[6.]5. Lean-burn engine – Any two- (2-)[-] or four- (4-)[-] stroke spark-ignited (SI) engine with greater than four percent (4%) oxygen in the engine exhaust.

[7.]6. Letterpress printing – A printing process in which the image area is raised relative to the nonimage area, and the ink is transferred to the substrate directly from the image surface.

[8.]7. Licensed emissions inspection station – Any business that has met the licensing requirements as specified and been licensed to offer vehicle emissions inspection services on behalf of the department.

[9.]8. Licensed emissions inspector – Any individual that has met the licensing requirements as specified and been licensed to conduct vehicle emissions inspections on behalf of the department.

[10.]9. Life-of-the-unit, firm power contractual arrangement – A unit participation power sales agreement under which a utility or industrial customer reserves, or is entitled to receive, a specified amount or percentage of nameplate capacity and associated energy from any specified unit and pays its proportional amount of such unit's total costs, pursuant to a contract –

A. For the life of the unit;

B. For a cumulative term of no less than thirty (30) years, including contracts that permit an election for early termination; or

C. For a period equal to or greater than twenty-five (25) years or seventy percent (70%) of the economic useful life of the unit determined as of the time the unit is built, with option rights to purchase or release some portion of the nameplate capacity and associated energy generated by the unit at the end of the period.

[11.]10. Light-duty truck (LDT) – Any motor vehicle rated at eight thousand five hundred pounds (8,500 lbs) gross weight or less, and which has a basic vehicle frontal area of forty-five (45) square feet or less, which is –

A. Designed primarily for purposes of transportation of property or is a derivation of such a vehicle;

B. Designed primarily for transportation of persons and has a capacity of more than twelve (12) persons; or

C. Available with special features enabling off-street or off-highway operation and use.

[12.]11. Light-duty vehicle (LDV) – A passenger car or passenger car derivative capable of seating twelve (12) passengers or less that is rated at six thousand pounds (6,000 lbs) gross vehicle weight rating or less.

[13.]12. Light-liquid volatile organic compound (VOC) – A fluid VOC with a vapor pressure greater than 0.3 kilopascals (kPa) at twenty degrees Celsius (20 °C).

[14.]13. Light-liquid volatile organic compound (VOC) service – A component shall be considered in such service if it contacts a process fluid containing ten percent (10%) or greater light-liquid VOC by weight.

[15.]14. Liquid fuel – A combustible liquid that includes[,] but is not limited to[,] distillate oil, residual oil, waste oil, and process liquids.

[16.] Liquid-mounted seal—*A primary foam- or liquid-filled seal mounted in continuous contact with the liquid between the wall of the storage vessel and the floating roof around the circumference of the tank.*

17. Lithographic printing—*A planographic printing process where the image and nonimage areas are chemically differentiated; the image area is oil receptive and the nonimage area is water receptive. This method differs from other printing methods, where the image is typically printed from a raised or recessed surface. Offset lithographic printing is the only common type of lithographic printing used for commercial printing.*

18. Load/unload locations—*Distribution centers, warehouses, retail stores, railroad facilities, ports, and any other sites where heavy-duty diesel vehicles may idle their engines while waiting to load or unload.*

[19.]15. Local air quality modeling analysis – An assessment of localized impacts on a scale smaller than the entire nonattainment or maintenance area, including, for example, congested roadways on a federal facility, which uses an air quality dispersion model (e.g., Industrial Source Complex Model or Emission and Dispersion Model System) to determine the effects of emissions on air quality.

[20.] Long-dry kiln—*A kiln fourteen feet (14') or larger in diameter, four hundred feet (400') or greater in length, which employs no preheating of the feed and the inlet feed to the kiln is dry.*

21. Long-wet kiln—*A kiln fourteen feet (14') or larger in diameter, four hundred feet (400') or greater in length, which employs no preheating of the feed and the inlet feed to the kiln is a slurry.*

22. Low-bake coating—*A coating designed to cure at*

temperatures below one hundred ninety-four degrees Fahrenheit (194 °F).]

[23.]16. Low-level radioactive waste—Waste material which contains radioactive nuclides emitting primarily beta or gamma radiation, or both, in concentrations or quantities that exceed applicable federal or state standards for unrestricted release. Low-level radioactive waste is not high-level radioactive waste, spent nuclear fuel, or by-product material as defined by the Atomic Energy Act of 1954 (42 U.S.C. 2014(e)(2)).

[24. Low-NO_x burners—A type of burner (a device that functions as an injector of fuel and combustion air into a boiler or kiln to produce a flame that burns as close as possible to the center line of the boiler or kiln) that has a series of channels or orifices that 1) allow for the adjustment of the volume, velocity, pressure, and/or direction of the air carrying the fuel, known as primary air, into the boiler or kiln and 2) impart high momentum and turbulence to the fuel stream to facilitate mixing of the fuel and secondary air.

25. Lower explosive limit (LEL)—The lower limit of flammability of a gas or vapor at ordinary ambient temperatures expressed in percent of the gas or vapor in air by volume.]

[26.]17. Lowest achievable emission rate (LAER) —That rate of emissions which reflects –

A. The most stringent emission limitation which is contained in any state implementation plan for a class or category of source, unless the owner or operator of the proposed source demonstrates that the limitations are not achievable; or

B. The most stringent emission limitation which is achieved in practice by the class or category of source, whichever is more stringent. LAER shall not be less stringent than the new source performance standard limit.

[27. Low vapor pressure hydrocarbon-based cleaning solvent—A cleaning solvent that is composed of a mixture of photochemically reactive hydrocarbons and oxygenated hydrocarbons and has a maximum vapor pressure of seven millimeters of mercury (7 mmHg) at twenty degrees Celsius (20 °C). These cleaners must not contain hazardous air pollutants.]

(M) All terms beginning with M.

1. Maintenance area—An area that was designated as nonattainment and has been re-designated in 40 CFR 81 to attainment, meeting the provisions of section 107(d)(3)(E) of the Act and has a maintenance plan approved under section 175A of the Act.

2. Maintenance operation – Normal routine maintenance on any stationary internal combustion engine or the use of an emergency standby engine and fuel system during testing, repair, and routine maintenance to verify its readiness for emergency standby use.

3. Maintenance plan – A revision to the applicable Missouri State Implementation Plan, meeting the requirements of section 175A of the Clean Air Act.

[4. Major modification—Any physical change or change in the method of operation at an installation or in the attendant air pollution control equipment that would result in a significant net emissions increase of any pollutant. A physical change or a change in the method of operation, unless previously limited by enforceable permit conditions, shall not include:

A. Routine maintenance, repair, and replacement of parts;

B. Use of an alternative fuel or raw material by reason of an order under sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974, a prohibition under the Power Plant and Industrial Fuel Use Act of 1978, or by reason of a natural gas curtailment plan pursuant to the Federal Power

Act;

C. Use of an alternative fuel or raw material, if prior to January 6, 1975, the source was capable of accommodating the fuel or material, unless the change would be prohibited under any enforceable permit condition which was established after January 6, 1975;

D. An increase in the hours of operation or in the production rate unless the change would be prohibited under any enforceable permit condition which was established after January 6, 1975; or

E. Use of an alternative fuel by reason of an order or rule under section 125 of the Clean Air Act.]

[5.]4. Malfunction – Defined as follows:

A. For the purpose of 10 CSR 10-6.200, malfunction is any sudden, infrequent, and not reasonably[-]preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused, in part, by poor maintenance or careless operation are not malfunctions. During periods of malfunction the operator shall operate within established parameters as much as possible, and monitoring of all applicable operating parameters shall continue until all waste has been combusted or until the malfunction ceases, whichever comes first; and

B. For all other purposes, malfunction means a sudden and unavoidable failure of air pollution control equipment or process equipment or of a process to operate in a normal and usual manner. Excess emissions caused by improper design shall not be deemed a malfunction.

[6. Malfunction indicator lamp (MIL)—An amber-colored warning light located on the dashboard of vehicles equipped with On-Board Diagnostics systems indicating to the vehicle operator that the vehicle either has a malfunction or has deteriorated enough to cause a potential increase in the vehicle's tailpipe or evaporative emissions.

7. Manure storage and application systems—Any system that includes but is not limited to lagoons, manure treatment cells, earthen storage ponds, manure storage tanks, manure stockpiles, composting areas, pits and gutters within barns, litter used in bedding systems, all types of land application equipment, and all pipes, hoses, pumps, and other equipment used to transfer manure.]

[8.]5. Marine vessel – A craft capable of being used as a means of transportation on water, except amphibious vehicles.

[9.]6. Maskant – A coating applied directly to an aerospace component to protect those areas when etching other parts of the component.

[10.]7. Mask coating – A thin film coating applied through a template to coat a small portion of a substrate.

[11.]8. Material safety data sheet (MSDS) – The chemical, physical, technical, and safety information document supplied by the manufacturer of the coating, solvent, or other chemical product.

[12.]9. Maximum achievable control technology (MACT) – The maximum degree of reduction in emissions of the hazardous air pollutants listed in subsection (3)(C) of this rule (including a prohibition on these emissions where achievable) that the administrator, taking into consideration the cost of achieving emissions reductions and any non-air quality health and environmental impacts and requirements, determines is achievable for new or existing sources in the category or subcategory to which this emission standard applies, through application of measures, processes, methods, systems, or techniques including[.] but not limited to[.] measures which –

A. Reduce the volume of or eliminate emissions of pollutants through process changes, substitution of materials, or other modifications;

- B. Enclose systems or processes to eliminate emissions;
- C. Collect, capture, or treat pollutants when released from a process, stack, storage, or fugitive emissions point;
- D. Are design, equipment, work practice, or operational standards (including requirements for operational training or certification); or
- E. Are a combination of subparagraphs (2)(M)[12.]9.A.–D. of this rule.

[13. *Maximum charge rate*—For continuous and intermittent hospital/medical/infectious waste incinerator (HMIWI), one hundred ten percent (110%) of the lowest three (3)-hour average charge rate measured during the most recent performance test demonstrating compliance with all applicable emission limits; for batch HMIWI, one hundred ten percent (110%) of the lowest daily charge rate measured during the most recent performance test demonstrating compliance with all applicable emission limits.]

[14.]10. *Maximum design heat input*—The ability of a unit to combust a stated maximum amount of fuel per hour on a steady state basis, as determined by the physical design and physical characteristics of the unit.

[15. *Maximum fabric filter inlet temperature*—One hundred ten percent (110%) of the lowest three (3)-hour average temperature at the inlet to the fabric filter (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the dioxin/furan emission limit.

16. *Maximum flue gas temperature*—One hundred ten percent (110%) of the lowest three (3)-hour average temperature at the outlet from the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the mercury (Hg) emission limit.

17. *Maximum potential hourly heat input*—An hourly heat input used for reporting purposes when a unit lacks certified monitors to report heat input. If the unit intends to use Appendix D of 40 CFR 75 to report heat input, this value should be calculated in accordance with 40 CFR 75, using the maximum fuel flow rate and the maximum gross calorific value. If the unit intends to use a flow monitor and a diluent gas monitor, this value should be reported in accordance with 40 CFR 75, using the maximum potential flow rate and either the maximum carbon dioxide concentration (in percent CO₂) or the minimum oxygen concentration (in percent O₂).

18. *Maximum potential NO_x emission rate*—The NO_x emission rate of nitrogen oxides (in lb/mmBtu) calculated in accordance with section 3 of Appendix F of 40 CFR 75, using the maximum potential nitrogen oxides concentration as defined in section 2 of Appendix A of 40 CFR 75, and either the maximum oxygen concentration (in percent O₂) or the minimum carbon dioxide concentration (in percent CO₂), under all operating conditions of the unit except for unit start-up, shutdown, and upsets.

19. *Maximum rated hourly heat input*—A unit-specific maximum hourly heat input (mmBtu) which is the higher of the manufacturer's maximum rated hourly heat input or the highest observed hourly heat input.

20. *Mechanical shoe seal*—A metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.]

[21.]11. *Medical device*—An instrument, apparatus, implement, machine, contrivance, implant, *in vitro* reagent, or other similar article, including any component or accessory that meets one (1) of the following conditions:

A. It is intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease;

B. It is intended to affect the structure or any function of the body; or

C. It is defined in the *National Formulary* or the *United States Pharmacopoeia*, or any supplement to them.

[22.]12. *Medical/infectious waste*—Any waste generated in the diagnosis, treatment, or immunization of human beings or animals, in research pertaining thereto, or in the production or testing of biologicals as exempted in the applicable rule. The definition of medical/infectious waste does not include hazardous waste identified or listed under the regulations in 40 CFR 261; household waste, as defined in 40 CFR 261.4(b)(1); ash from incineration of medical/infectious waste, once the incineration process has been completed; human corpses, remains, and anatomical parts that are intended for interment or cremation; and domestic sewage materials identified in 40 CFR 261.4(a)(1).

A. Cultures and stocks of infectious agents and associated biologicals, including cultures from medical and pathological laboratories; cultures and stocks of infectious agents from research and industrial laboratories; wastes from the production of biologicals; discarded live and attenuated vaccines; and culture dishes and devices used to transfer, inoculate, and mix cultures.

B. Human pathological waste, including tissues, organs, and body parts and body fluids that are removed during surgery or autopsy, or other medical procedures, and specimens of body fluids and their containers.

C. Human blood and blood products including:

(I) Liquid waste human blood;

(II) Products of blood;

(III) Items saturated and/or dripping with human blood; and

(IV) Items that were saturated and/or dripping with human blood that are now caked with dried human blood including serum, plasma, and other blood components, and their containers, which were used or intended for use in either patient care, testing and laboratory analysis, or the development of pharmaceuticals. Intravenous bags are also included in this category.

D. Sharps that have been used in animal or human patient care or treatment or in medical, research, or industrial laboratories, including hypodermic needles, syringes (with or without the attached needle), pasteur pipettes, scalpel blades, blood vials, needles with attached tubing, and culture dishes (regardless of presence of infectious agents). Also included are other types of broken or unbroken glassware that were in contact with infectious agents, such as used slides and cover slips.

E. Animal waste including contaminated animal carcasses, body parts, and bedding of animals that were known to have been exposed to infectious agents during research (including research in veterinary hospitals), production of biologicals, or testing of pharmaceuticals.

F. Isolation wastes including biological waste and discarded materials contaminated with blood, excretions, exudates, or secretions from humans who are isolated to protect others from certain highly[-]communicable diseases, or isolated animals known to be infected with highly[-]communicable diseases.

G. Unused sharps including the following unused, discarded sharps: hypodermic needles, suture needles, syringes, and scalpel blades.

[23.]13. *Medium hospital/medical/infectious waste*

incinerator (HMIWI) – An HMIWI whose maximum design waste burning capacity is more than two hundred pounds (200 lbs) per hour but less than or equal to five hundred pounds (500 lbs) per hour, or a continuous or intermittent HMIWI whose maximum charge rate is more than two hundred pounds (200 lbs) per hour but less than or equal to five hundred pounds (500 lbs) per hour, or a batch HMIWI whose maximum charge rate is more than one thousand six hundred pounds (1,600 lbs) per day, but less than or equal to four thousand pounds (4,000 lbs) per day. The following are not medium HMIWI: a continuous or intermittent HMIWI whose maximum charge rate is less than or equal to two hundred pounds (200 lbs) per hour or more than five hundred pounds (500 lbs) per hour; or a batch HMIWI whose maximum charge rate is more than four thousand pounds (4,000 lbs) per day or less than or equal to one thousand six hundred pounds (1,600 lbs) per day.

[24.] *Metal to urethane/rubber molding or casting adhesive*—An adhesive intended by the manufacturer to bond metal to high density or elastomeric urethane or molded rubber materials to fabricate products such as rollers for computer printers or other paper handling equipment.

25. Metallic coating—A coating which contains more than five (5) grams of metal particles per liter of coating as applied. Metal particles are pieces of a pure elemental metal or a combination of elemental metals.

26. Metropolitan planning organization (MPO)—The policy board of an organization created as a result of the designation process in 23 U.S.C. 134(d) and in 49 U.S.C. 5303. It is the forum for cooperative transportation decision-making and is responsible for conducting the planning required under section 174 of the Clean Air Act.

27. Mid-kiln firing—Secondary firing in kiln systems by injecting fuel at an intermediate point in the kiln system using a specially-designed fuel injection mechanism for the purpose of decreasing NO_x emissions through—

A. The burning of part of the fuel at a lower temperature; and

B. The creation of reducing conditions at the point of initial combustion.]

[28.] **14. Milestone** – The meaning given in sections 182(g) (1) and 189(c)(1) of the Clean Air Act. It consists of an emissions level and the date on which it is required to be achieved.

[29.] *Military specification coating*—A coating which has a formulation approved by a United States Military Agency for use on military equipment.]

[30.] **15. Minimum dioxin/furan sorbent flow rate** – Ninety percent (90%) of the highest three- (3-)/[-]hour average dioxin/furan sorbent flow rate (taken, at a minimum, once every hour) measured during the most recent performance test demonstrating compliance with the dioxin/furan emission limit.

[31.] **16. Minimum mercury (Hg) sorbent flow rate** – Ninety percent (90%) of the highest three- (3-)/[-]hour average Hg sorbent flow rate (taken, at a minimum, once every hour) measured during the most recent performance test demonstrating compliance with the Hg emission limit.

[32.] **17. Minimum horsepower or amperage** – Ninety percent (90%) of the highest three- (3-)/[-]hour average horsepower or amperage to the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the applicable emission limit.

[33.] **18. Minimum hydrogen chloride (HCl) sorbent flow rate** – Ninety percent (90%) of the highest three- (3-)/[-]hour average HCl sorbent flow rate (taken, at a minimum, once

every hour) measured during the most recent performance test demonstrating compliance with the HCl emission limit.

[34.] **19. Minimum pressure drop across the wet scrubber** – Ninety percent (90%) of the highest three- (3-)/[-]hour average pressure drop across the wet scrubber particulate matter (PM) control device (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the PM emission limit.

[35.] **20. Minimum reagent flow rate** – Ninety percent (90%) of the highest three- (3-)/[-]hour average reagent flow rate at the inlet to the selective noncatalytic reduction technology (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the NO_x emissions limit.

[36.] **21. Minimum scrubber liquor flow rate** – Ninety percent (90%) of the highest three- (3-)/[-]hour average liquor flow rate at the inlet to the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with all applicable emission limits.

[37.] **22. Minimum scrubber liquor pH** – Ninety percent (90%) of the highest three- (3-)/[-]hour average liquor pH at the inlet to the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with all hydrogen chloride emission limits.

[38.] **23. Minimum secondary chamber temperature** – Ninety percent (90%) of the highest three- (3-)/[-]hour average secondary chamber temperature (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the PM, carbon monoxide (CO), dioxin/furan, and NO_x emission limits.

[39.] **24. Minor violation** – A violation which possesses a small potential to harm the environment or human health or cause pollution, was not knowingly committed, and is not defined by the United States Environmental Protection Agency as other than minor.

[40.] *Missouri Decentralized Analyzer System (MDAS)*—The emissions inspection equipment that is sold by the state's contractor to licensed emissions inspection stations. The department may approve alternative equipment if the equipment described in this paragraph is no longer available. At a minimum, the vehicle emissions inspection equipment shall consist of the following contractor equipment package:

A. At least a seventeen-inch (17") Liquid Crystal Display (LCD) monitor;

B. Universal serial bus (USB) lane camera;

C. At least a four (4.0) megapixel digital camera and dock;

D. Fingerprint scanner;

E. Two hundred fifty-six (256)-megabyte USB flash drive;

F. Keyboard with plastic keyboard cover and optical mouse;

G. Printer with ink or toner cartridges and blank paper;

H. 2D barcode reader;

I. Windshield sticker printer with blank windshield stickers and thermal cartridge;

J. On-board diagnostics (OBD) vehicle interface cable with a standard Society of Automotive Engineers J1962/J1978 OBD connector;

K. OBD verification tool;

L. Low-speed or high-speed Internet connection capabilities;

M. Surge protector and uninterruptible power supply (UPS);

N. At least a three gigahertz (3.0 GHz) personal

computer (*Dell™ Pentium® 4 or equivalent*), with *Windows Vista® and one (1) gigabyte of Random Access Memory (RAM)*; and

O. Metal cabinet to hold all of the components described in this paragraph.]

[41.]25. Missouri Department of Revenue (MDOR) – Defined as follows:

A. For the purpose of 10 CSR 10-5.381, the Missouri Department of Revenue is the state agency responsible for the oversight of vehicle registration at contract offices and via the Internet. This agency is also responsible for the registration denial method of enforcement for the vehicle emissions inspection and maintenance program; and

B. For all other purposes, Missouri Department of Revenue means the state agency that serves as the central collection agency for all state revenue with primary duties of collecting tax, registering and titling vehicles, and licensing drivers.

[42.]26. Missouri Emissions Inventory System (MoEIS) – Online interface of the state of Missouri’s air emissions inventory database.

[43.]27. Missouri performance evaluation test procedure (MOPETP) – The set of standards and test procedures for evaluating performance of Stage I/II vapor recovery control equipment and systems to be installed or that have been installed in Missouri.

[44.]28. Missouri State Highway Patrol (MSHP) – Defined as follows:

A. For the purpose of 10 CSR 10-5.381, the Missouri State Highway Patrol is the state agency responsible for the oversight of the vehicle safety inspection program and joint oversight with the department of the vehicle emissions inspection and maintenance program; and

B. For all other purposes, Missouri State Highway Patrol is the state law enforcement agency with the primary duties of enforcing the traffic laws and promoting highway safety.

[45.]29. Mitigation measure – Any method of reducing emissions of the pollutant or its precursor taken at the location of the federal action and used to reduce the impact of the emissions of that pollutant caused by the action.

[46.]30. Mobile equipment – Any equipment that is physically capable of being driven or drawn on a roadway including[,] but not limited to[,] the following types of equipment:

A. Construction vehicles such as mobile cranes, bulldozers, concrete mixers, etc.;

B. Farming equipment such as a wheel tractor, plow, pesticide sprayer, etc.;

C. Hauling equipment such as truck trailers, utility bodies, etc.; and

D. Miscellaneous equipment such as street cleaners, golf carts, etc.

[47.]31. Model year – The manufacturer’s annual production period which includes January 1 of such calendar year. If the manufacturer has no annual production period, model year shall refer to the calendar year.

[48.]32. Modeling domain – A geographic area covered by an air quality model.

[49.]33. Modification – Defined as follows:

A. For the purposes of 10 CSR 10-5.490 and 10 CSR 10-6.310, modification is an increase in the permitted volume design capacity of the landfill by either horizontal or vertical expansion based on its most recent permitted design capacity; modification does not occur until the owner or operator commences construction on the horizontal or vertical expansion;

B. For the purpose of 10 CSR 10-6.165, modification is any change to a source of odor emissions or source operations, including odor controls, that causes or could cause an increase in potential odor emissions; and

C. For all other purposes, modification means any physical change to, or change in method of operation of, a source operation or attendant air pollution control equipment which would cause an increase in potential emissions of any air pollutant emitted by the source operation.

[50.]34. Modification, Title I – See Title I modification.

[51.]35. Modified hospital/medical/infectious waste incinerator (HMIWI) – Any change to an HMIWI unit after the effective date of these standards such that the cumulative costs of the modifications, over the life of the unit, exceed fifty percent (50%) of the original cost of the construction and installation of the unit (not including the cost of any land purchased in connection with such construction or installation) updated to current costs, or the change involves a physical change in or change in the method of operation of the unit which increases the amount of any air pollutant emitted by the unit for which standards have been established under section 129 or section 111 of the Clean Air Act.

[52.] Mold release – *A coating applied to a mold surface to prevent the mold piece from sticking to the mold as it is removed, or to an aerospace component for purposes of creating a form-in-place seal.*

[53.] Mold seal coating – *The initial coating applied to a new mold or a repaired mold to provide a smooth surface which, when coated with a mold-release coating, prevents products from sticking to the mold.]*

[54.]36. Monitoring system – Any monitoring system that meets the requirements as described in a specific rule, including a continuous emissions monitoring system, an excepted monitoring system, or an alternative monitoring system.

[55.] Monthly throughput – *The total volume of gasoline that is loaded into all gasoline storage tanks during a month, as calculated on a rolling thirty (30)-day average.]*

[56.]37. Motor tricycle – A motor vehicle operated on three (3) wheels, including a motorcycle with any conveyance, temporary or otherwise, requiring the use of a third wheel.

[57.]38. Motor vehicle – Any self-propelled vehicle.

[58.] Motor vehicle adhesive – *An adhesive, including glass bonding adhesive, used at an installation that is not an automobile or light duty truck assembly coating installation, applied for the purpose of bonding two (2) motor vehicle surfaces together without regard to the substrates involved.*

[59.] Motor vehicle bedliner – *A multi-component coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to a cargo bed after the application of topcoat to provide additional durability and chip resistance.*

[60.] Motor vehicle cavity wax – *A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied into the cavities of the motor vehicle primarily for the purpose of enhancing corrosion protection.*

[61.] Motor vehicle deadener – *A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to selected motor vehicle surfaces primarily for the purpose of reducing the sound of road noise in the passenger compartment.*

[62.] Motor vehicle gasket/gasket-sealing material – *A fluid, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to coat a gasket or replace and perform the same function as a gasket. Automobile and light duty truck gasket/gasket-sealing material includes*

room temperature vulcanization seal material.

63. *Motor vehicle glass-bonding primer*—A primer, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to windshield or other glass, or to body openings, to prepare the glass or body opening for the application of glass-bonding adhesives or the installation of adhesive-bonded glass. Motor vehicle glass bonding primer includes glass bonding/cleaning primers that perform both functions (cleaning and priming of the windshield or other glass or body openings) prior to the application of adhesive or the installation of adhesive-bonded glass.

64. *Motor vehicle lubricating wax/compound*—A protective lubricating material, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to motor vehicle hubs and hinges.

65. *Motor vehicle sealer*—A high viscosity material, used at an installation that is not an automobile or light duty truck assembly coating installation, generally, but not always, applied in the paint shop after the body has received an electrodeposition primer coating and before the application of subsequent coatings (e.g., primer-surfacer). Such materials are also referred to as sealant, sealant primer, or caulk.

66. *Motor vehicle trunk interior coating*—A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to the trunk interior to provide chip protection.

67. *Motor vehicle underbody coating*—A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to the undercarriage or firewall to prevent corrosion and/or provide chip protection.

68. *Motor vehicle weatherstrip adhesive*—An adhesive, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to weatherstripping materials for the purpose of bonding the weatherstrip material to the surface of the motor vehicle.]

[69.]39. *Motorcycle*—A motor vehicle operated on two (2) wheels.

[70. *Multi-colored coating*—A coating which exhibits more than one (1) color when applied and which is packaged in a single container and applied in a single coat.

71. *Multi-component coating*—A coating requiring the addition of a separate reactive resin, commonly known as a catalyst or hardener, before application to form an acceptable dry film.

72. *Multi-day violation*—A violation which has occurred on or continued for two (2) or more consecutive or nonconsecutive days.

73. *Multiple-violation penalty*—The sum of individual administrative penalties assessed when two (2) or more violations are included in the same complaint or enforcement action.

74. *Multipurpose construction adhesive*—An adhesive intended by the manufacturer for use in the installation or repair of various construction materials, including but not limited to drywall, subfloor, panel, fiberglass reinforced plastic (FRP), ceiling tile, and acoustical tile.]

[75.]40. *Municipal solid waste (MSW) landfill*—An entire disposal facility in a contiguous geographical space where household waste is placed in or on land. An MSW landfill may also receive other types of Resource Conservation and Recovery Act (RCRA) Subtitle D wastes per 40 CFR 257.2, such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste. Portions of an MSW landfill may be separated by access roads. An MSW landfill may be publicly or privately owned. An MSW landfill may be a new MSW landfill, an existing MSW

landfill, or a lateral expansion.

[76.]41. *Municipal solid waste (MSW) landfill emissions*—Gas generated by the decomposition of organic waste deposited in an MSW landfill or derived from the evolution of organic compounds in the waste.

(N) All terms beginning with N.

1. *Nameplate capacity*—The maximum electrical generating output (expressed as megawatt) that a generator can sustain over a specified period of time when not restricted by seasonal or other deratings, as listed in the National Allowance Data Base (NADB) under the data field "NAMECAP" if the generator is listed in the NADB or as measured in accordance with the United States Department of Energy standards. For generators not listed in the NADB, the nameplate capacity shall be used.

2. *National Ambient Air Quality Standards (NAAQS)*—Those standards established pursuant to section 109 of the Act and defined by 40 CFR 50. It includes standards for carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO₂) or oxides of nitrogen (NO_x), ozone, particulate matter (PM₁₀ and PM_{2.5}), and sulfur dioxide (SO₂) or sulfur oxides (SO_x).

3. *National Environmental Policy Act (NEPA)*—The National Environmental Policy Act of 1969, as amended (42 U.S.C. 4321 et seq.).

[4. *Natural finish hardwood plywood panel*—A panel whose original grain pattern is enhanced by essentially transparent finishes frequently supplemented by fillers and toners.]

[5.]4. *Nearby*—Nearby, as used in the definition good engineering practice (GEP) stack height in subparagraph (2)(G)[14.]7.B. of this rule, is defined for a specific structure or terrain feature—

A. For purposes of applying the formula provided in subparagraph (2)(G)[14.]7.B. of this rule, nearby means that distance up to five (5) times the lesser of the height or the width dimension of a structure, but not greater than one-half (1/2) mile; and

B. For conducting fluid modeling or field study demonstrations under subparagraph (2)(G)[14.]7.C. of this rule, nearby means not greater than one-half (1/2) mile, except that the portion of a terrain feature may be considered to be nearby which falls within a distance of up to ten (10) times the maximum height of the feature, not to exceed two (2) miles if feature achieves a height one-half (1/2) mile from the stack that is at least forty percent (40%) of the GEP stack height determined by the formula provided in subparagraph (2)(G)[14.]7.B. of this rule, or twenty-six meters (26 m), whichever is greater, as measured from the ground-level elevation at the base of the stack. The height of the structure or terrain feature is measured from the ground-level elevation at the base of the stack.

[6.]5. *Net emissions increase*—This term is defined in 40 CFR 52.21(b)(3), promulgated as of July 1, 2003, and hereby incorporated by reference in this rule, as published by the Office of the Federal Register, U.S. National Archives and Records, 700 Pennsylvania Avenue NW, Washington, DC 20408. This rule does not incorporate any subsequent amendments or additions.

[7. *New*—Defined as follows:

A. For the purpose of 10 CSR 10-6.405, any source which is not permanently shutdown or an existing source as defined in subparagraph (2)(E)44.A. of this rule; and

B. For all other purposes, any source which is not permanently shutdown or an existing source as defined in subparagraph (2)(E)44.B. of this rule.

8. *New Source Review (NSR)*—The permitting requirements found in state rule 10 CSR 10-6.060 Construction Permits

Required.

9. Nonaqueous solvent—*Any solvent not classifiable as an aqueous solvent as defined by a solvent in which water is the primary ingredient (greater than eighty percent (80%) by weight or greater than sixty percent (60%) by volume of solvent solution as applied must be water). Aqueous solutions must have a flash point greater than ninety-three degrees Celsius (93 °C) (two hundred degrees Fahrenheit (200 °F)) (as reported by the manufacturer) and the solution must be miscible with water.]*

[10.]6. Nonattainment area (NAA)—Any geographic area of the United States which has been designated as nonattainment under section 107 of the Clean Air Act and described in 40 CFR 81.

[11.]7. Nonattainment pollutant—Each and every pollutant for which the location of the source is in an area designated to be in nonattainment of a National Ambient Air Quality Standard (NAAQS) under section 107(d)(1)(A)(i) of the Act. Any constituent or precursor of a nonattainment pollutant shall be a nonattainment pollutant, provided that the constituent or precursor pollutant may only be regulated as part of regulation of the corresponding NAAQS pollutant. Both volatile organic compounds (VOC) and nitrogen oxides (NO_x) shall be nonattainment pollutants for a source located in an area designated nonattainment for ozone.

[12.]8. Nondegradable waste—Any waste that does not decompose through chemical breakdown or microbiological activity. Examples are[,] but are not limited to[,] concrete, municipal waste combustor ash, and metals.

[13.]9. Nonmethane organic compound (NMOC)—Precursors to oxidant formation that allow ozone to accumulate in the atmosphere.

[14. Nonpermanent final finish—*A material such as a wax, polish, nonoxidizing oil, or similar substance that must be periodically reapplied to a surface over its lifetime to maintain or restore the reapplied material's intended effect.]*

[15.]10. Non-Title V permit—A federally enforceable permit administered by the director pursuant to the Clean Air Act (CAA) and regulatory authority under the CAA, other than Title V of the CAA and 40 CFR 70 or 40 CFR 71.

[16.]11. Normal maintenance—For the purpose of vapor recovery, repair, or replacement of vapor recovery control equipment and/or gasoline dispensing components/dispensers that does not require breaking of concrete (by any method) and does not require removal of dispenser(s) from island(s).

[17.]12. Normal source operation—The average actual activity rate of a source necessary for determining the actual emissions rate for the two (2) years prior to the date necessary for determining actual emissions, unless some other time period is more representative of the operation of the source or otherwise approved by the staff director.

[18. Normally closed container—*A storage container that is closed unless an operator is actively engaged in activities such as emptying or filling the container.]*

[19.]13. NO_x allowance—An authorization by the department or the administrator under a NO_x trading program to emit one (1) ton of NO_x during the control period of the specified year or of any year thereafter.

[20.]14. NO_x allowance deduction or deduct NO_x allowances—The permanent withdrawal of NO_x allowances by the administrator from a NO_x allowance tracking system compliance account or overdraft account to account for the number of tons of emissions from a NO_x budget unit for a control period, determined in accordance with a rule, or for any other NO_x allowance surrender obligation required.

[21.]15. NO_x allowance tracking system—The system by which the director or the administrator records allocations,

deductions, and transfers of NO_x allowances under a NO_x trading program.

[22.]16. NO_x allowance tracking system account—An account in the NO_x allowance tracking system established by the director or administrator for purposes of recording the allocation, holding, transferring, or deducting of NO_x allowances.

[23. NO_x allowance transfer deadline—*Defined as follows:*

A. *For the purpose of 10 CSR 10-6.350, close of business on December 31 following the control period or, if December 31 is not a business day, close of business on the first business day thereafter and is the deadline by which NO_x allowances may be submitted for recording in an affected unit's compliance account, or the overdraft account of the installation where the unit is located; and*

B. *For the purpose of 10 CSR 10-6.360, midnight of November 30 or, if November 30 is not a business day, midnight of the first business day thereafter and is the deadline by which NO_x allowances may be submitted for recordation in a NO_x budget unit's compliance account, or the overdraft account of the source where the unit is located, in order to meet the unit's NO_x budget emissions limitation for the control period immediately preceding such deadline.]*

[24.]17. NO_x allowances held—The NO_x allowances recorded by the director or administrator, or submitted to the director or administrator for recordation, in accordance with a rule, in a NO_x allowance tracking system account.

[25.]18. NO_x authorized account representative—The natural person who is authorized by the owners or operators of the source and all NO_x budget units at the source, in accordance with all applicable rules, to represent and legally bind each owner and operator in matters pertaining to a NO_x trading program or, for a general account, the natural person who is authorized to transfer or otherwise dispose of NO_x allowances held in the general account in accordance with the applicable rules.

[26.]19. NO_x budget emissions limitation—For a NO_x budget unit, the tonnage equivalent of the NO_x allowances available for compliance deduction for the unit and for a control period adjusted by any deductions of such NO_x allowances to account for actual utilization for the control period or to account for excess emissions for a prior control period or to account for withdrawal from the NO_x budget program or for a change in regulatory status for an affected unit.

[27.]20. NO_x budget permit—The legally binding and federally enforceable written document, or portion of such document, issued by the director, including any permit revisions, specifying the NO_x budget trading program requirements applicable to a NO_x budget source, to each NO_x budget unit at the NO_x budget source, and to the owners and operators and the NO_x authorized account representative of the NO_x budget source and each NO_x budget unit.

[28.]21. NO_x budget source—A source that includes one (1) or more NO_x budget units.

[29.]22. NO_x budget trading program—A multistate nitrogen oxides air pollution control and emission reduction program pursuant to 40 CFR 51.121, as a means of mitigating the interstate transport of ozone and nitrogen oxides, an ozone precursor.

[30.]23. NO_x budget unit—A unit that is subject to the NO_x budget trading program emissions limitation under section (1) or paragraph (3)(H)1. of 10 CSR 10-6.360.

[31.]24. NO_x emission rate—The amount of NO_x emitted by a combustion unit in pounds per million British thermal units of heat input as recorded by approved monitoring

devices.

[32.]25. NO_x emissions limitation—For an affected unit, the tonnage equivalent of the NO_x emissions rate available for compliance deduction for the unit and for a control period adjusted by any deductions of such NO_x allowances to account for actual utilization for the control period or to account for excess emissions for a prior control period or to account for withdrawal from a NO_x trading program or for a change in regulatory status for an affected unit.

[33.]26. NO_x opt-in unit—An electric generating unit whose owner or operator has requested to become an affected unit under a NO_x trading program and has been approved by the department.

[34.]27. NO_x unit—Any fossil-fuel-fired stationary boiler, combustion turbine, internal combustion engine, or combined cycle system.

(O) All terms beginning with O.

1. Offset—A decrease in actual emissions from a source operation or installation that is greater than the amount of emissions anticipated from a modification or construction of a source operation or installation. The decrease must be of the same pollutant and have substantially similar environmental and health effects on the impacted area. Any ratio of decrease to increase greater than one to one (1:1) constitutes offset. The exception to this are ozone nonattainment areas where volatile organic compound and oxides of nitrogen emissions will require an offset ratio of actual emission reduction to new emissions according to the following schedule: marginal area = 1.1:1; moderate area = 1.15:1; serious area = 1.2:1; severe area = 1.3:1; and extreme area = 1.5:1.

[2. Offset lithographic printing—A printing process that transfers the ink film from the lithographic plate to an intermediary surface (rubber-covered blanket cylinder), which, in turn, transfers the ink film to the substrate.

3. Onboard Diagnostics (OBD)—A vehicle emissions early warning system required by federal law to be installed on all light-duty 1996 and newer model year vehicles for sale in the United States. The OBD system monitors sensors and emissions-control related components on a vehicle to ensure that the emissions control system operates properly throughout a vehicle's lifetime. If one (1) or more components of the emissions control system malfunctions or deteriorates, the OBD system will illuminate the Malfunction Indicator Lamp and store one (1) or more Diagnostic Trouble Codes.

4. Onboard Diagnostics (OBD) test—A test in which a vehicle's OBD system is connected to a handheld tool or computer that an inspector uses to determine and/or collect and record—

A. The status of the OBD system's Malfunction Indicator Lamp (MIL) when the vehicle engine is off and when the vehicle engine is running;

B. Data link connector access and functionality and OBD communication;

C. Vehicle signature information, including, but not limited to, the electronic vehicle identification number and other unique parameter identifiers;

D. The status of all of the OBD system's readiness monitors;

E. The OBD system's MIL command status; and

F. Any Diagnostic Trouble Codes, including those that are commanding the MIL to be illuminated.

5. Onboard refueling vapor recovery (ORVR)—A system on motor vehicles designed to recover hydrocarbon vapors that escape during refueling.

6. One (1)-component coating—A coating that is ready for application as it comes out of its container to form an

acceptable dry film. A thinner, necessary to reduce the viscosity, is not considered a component.]

[7.]2. Opacity—The extent to which airborne material obstructs the transmission of incident light and obscures the visual background. Opacity is stated as a percentage of light obstructed and can be measured by a continuous opacity monitoring system or a trained observer. An opacity of one hundred percent (100%) represents a condition in which no light is transmitted, and the background is completely obscured.

[8.]3. Open burning—The burning of any materials where air contaminants resulting from combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber. For purposes of this definition, a chamber shall be regarded as enclosed, when, during the time combustion takes place, only those apertures, ducts, stacks, flues, or chimneys, as are necessary to provide combustion air and to permit the escape of exhaust gases, are open.

[9.]4. Open-top vapor degreaser—A type of degreaser which consists of a tank where solvent is heated to its boiling point which creates a zone of solvent vapor contained by a set of cooling coils. Condensation of the hot solvent vapor cleans or degreases the colder metal parts.

[10. Operating—With regard to a unit under part (3)(C)3.D.(II) and paragraph (3)(H)1. of 10 CSR 10-6.360, having documented heat input for more than eight hundred seventy-six (876) hours in the six (6) months immediately preceding the submission of an application for an initial NO_x budget permit under subparagraph (3)(H)4.A. of 10 CSR 10-6.360.]

[11.]5. Operating day—A twenty-four- (24)-[/-]hour period between 12:00 midnight and the following midnight during which any amount of hospital waste or medical/infectious waste is combusted at any time in the HMIWI.

[12.]6. Operating parameter value—A minimum or maximum value established for a control device or process parameter that, if achieved by itself or in combination with one (1) or more other operating parameter values, determines that an owner or operator has complied with an applicable emission limit.

[13.]7. Operation—For the purpose of 10 CSR 10-6.200, the period during which waste is combusted in the incinerator excluding periods of start-up or shutdown.

[14. Operator—For the purpose of 10 CSR 10-6.360, any person who operates, controls, or supervises a NO_x budget unit, a NO_x budget source, or an affected unit under a NO_x trading program, and shall include, but not be limited to, any holding company, utility system, or plant manager of such a unit or source.

15. Opt-in—To voluntarily become an affected unit under a NO_x trading program.

16. Optical coating—A coating applied to an optical lens.

17. Optical device—An optical element used in an electro-optical device and designed to sense, detect, or transmit light energy, including specific wavelengths of light energy and changes in light energy levels.]

[18.]8. Organic solvent—A liquid containing volatile organic compounds that is used for dissolving or dispersing constituents in a coating, adjusting the viscosity of a coating, cleaning, or washoff. When used in a coating, the organic solvent evaporates during drying and does not become a part of the dried film.

[19.]9. Output—For the purposes of 10 CSR 10-5.510 and 10 CSR 10-6.061, the shaft work output from any engine plus the energy reclaimed by any useful heat recovery system.

[20. Outstate area—Any area throughout the state except

the City of St. Louis and St. Charles, St. Louis, Jefferson, Franklin, Clay, Cass, Buchanan, Ray, Jackson, Platte, and Greene counties.

21. *Outdoor floor covering installation adhesive*—Any adhesive intended by the manufacturer for use in the installation of floor covering that is not in an enclosure and that is exposed to ambient weather conditions during normal use.]

[22.]10. Overall control efficiency—The efficiency of a control system, calculated as the product of the capture and control device efficiencies, expressed as a percentage.

[23.]11. Overdraft account—The NO_x allowance tracking system account established by the director or administrator for each NO_x budget source where there are two (2) or more NO_x budget units or for each NO_x authorized account representative.

[24. Owner—For the purpose of 10 CSR 10-6.360, any of the following persons:

A. A holder of any portion of the legal or equitable title in a NO_x budget unit;

B. A holder of a leasehold interest in a NO_x budget unit;

C. A purchaser of power from a NO_x budget unit under a life-of-the-unit, firm power contractual arrangement. However, unless expressly provided for in a leasehold agreement, owner shall not include a passive lessor, or a person who has an equitable interest through such lessor, whose rental payments are not based, either directly or indirectly, upon the revenues or income from the NO_x budget unit; or

D. With respect to any general account, a person who has an ownership interest with respect to the NO_x allowances held in the general account and who is subject to the binding agreement for the NO_x authorized account representative to represent that person's ownership interest with respect to NO_x allowances.]

[25.]12. Owner or operator—Any person who owns, leases, operates, controls, or supervises an air contaminant source.

[26.]13. Ozone season—From May 1 through September 30 of each year.

(P) All terms beginning with P.

1. Pail—Any nominal cylindrical container of one to twelve- (1–12-) [-]gallon capacity.

2. Paint—A pigmented surface coating using volatile organic compounds as the major solvent and thinner which converts to a relatively opaque solid film after application as a thin layer.

[3. Pan-backing coating—A coating applied to the surfaces of pots, pans, or other cooking implements that are exposed directly to a flame or other heating elements.

4. Paper, film, and foil coating—A web coating process that applies a continuous layer of coating material across essentially the entire width or any portion of the width of a web substrate to—

A. Provide a covering, finish, or functional or protective layer to a substrate;

B. Saturate a substrate for lamination; or

C. Provide adhesion between two (2) substrates for lamination.]

[5.]3. Part 70—U.S. Environmental Protection Agency regulations, codified at 40 CFR 70, setting forth requirements for state operating permit programs pursuant to Title V of the Act.

[6.]4. Part 70 installations—Installations to which the part 70 operating permit requirements of rule 10 CSR 10-6.065 apply, in accordance with the following criteria:

A. Installations that emit or have the potential to emit, in the aggregate, ten (10) tons per year (tpy) or more of any hazardous air pollutant, other than radionuclides, or twenty-

five (25) tpy or more of any combination of these hazardous air pollutants or such lesser quantity as the administrator may establish by rule. Notwithstanding the preceding sentence, emissions from any oil or gas exploration or production well (with its associated equipment) and emissions from any pipeline compressor or pump station shall not be aggregated with emissions from other similar units, whether or not these units are in a contiguous area or under common control, to determine whether these units or stations are subject installations. For sources of radionuclides, the criteria shall be established by the administrator;

B. Installations that emit or have the potential to emit one hundred (100) tpy or more of any air pollutant, including all fugitive air pollutants. The fugitive emissions of an installation shall not be considered unless the installation belongs to one (1) of the source categories listed in subsection (3)(B) of this rule;

C. Installations located in nonattainment areas or ozone transport regions—

(I) For ozone nonattainment areas, sources with the potential to emit one hundred (100) tpy or more of volatile organic compounds or oxides of nitrogen in areas classified as marginal or moderate, fifty (50) tpy or more in areas classified as serious, twenty-five (25) tpy or more in areas classified as severe, and ten (10) tpy or more in areas classified as extreme; except that the references in this paragraph to one hundred (100), fifty (50), twenty-five (25), and ten (10) tpy of nitrogen oxides shall not apply with respect to any source for which the administrator has made a finding, under section 182(f)(1) or (2) of the Act, that requirements under section 182(f) of the Act do not apply;

(II) For ozone transport regions established pursuant to section 184 of the Act, sources with the potential to emit fifty (50) tpy or more of volatile organic compounds;

(III) For carbon monoxide nonattainment areas that are classified as serious, and in which stationary sources contribute significantly to carbon monoxide levels as determined under rules issued by the administrator, sources with the potential to emit fifty (50) tpy or more of carbon monoxide; and

(IV) For particulate matter less than ten (10) micrometers (PM₁₀) nonattainment areas classified as serious, sources with the potential to emit seventy (70) tpy or more of PM₁₀;

D. Installations that are affected sources under Title IV of the 1990 Act;

E. Installations that are solid waste incinerators subject to section 129(e) of the Act;

F. Installations in a source category designated by the administrator as a part 70 source pursuant to 40 CFR 70.3; and

G. Installations are not subject to part 70 source requirements unless the administrator subjects them to part 70 requirements by rule and the installations would be part 70 sources strictly because they are subject to:]-

(I) A standard, limitation, or other requirement under section 111 of the Act, including area sources; or

(II) A standard or other requirement under section 112 of the Act, except that a source, including an area source, is not required to obtain a permit solely because it is subject to rules or requirements under section 112(r) of the Act.

[7.]5. Particulate matter—Any material, except uncombined water, that exists in a finely divided form as a liquid or solid and as specifically defined as follows:

A. For purposes of ambient air concentrations—

(I) PM—Any airborne, finely[-]divided solid or liquid material with an aerodynamic diameter smaller than one

hundred (100) micrometers as measured in the ambient air as specified in 10 CSR 10-6.040(4)(B);

(II) PM_{10} – Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers as measured in the ambient air as specified in 10 CSR 10-6.040(4)(J); and

(III) $PM_{2.5}$ – Particulate matter with an aerodynamic diameter less than or equal to a nominal two and one-half (2.5) micrometers including the filterable component as measured in the ambient air as specified in 10 CSR 10-6.040(4)(L);

B. For the purpose of 10 CSR 10-6.200, total particulate matter emitted from a hospital medical infectious waste incinerator as measured by EPA Method 5 of 40 CFR 60, Appendix A-3 or EPA Method 29 of 40 CFR 60, Appendix A-8; and

C. For all other purposes –

(I) Condensable particulate matter (PM) – Material that is vapor phase at stack conditions, but condenses and/or reacts upon cooling and dilution in the ambient air to form solid or liquid PM immediately after discharge from the stack. Note that all condensable PM is assumed to be in the $PM_{2.5}$ size fraction;

(II) Filterable PM – Particles that are emitted directly by a source as a solid or liquid at stack or release conditions and captured on the filter of a stack test train;

(III) Primary PM (Also known as direct PM) – Particles that enter the atmosphere as a direct emission from a stack or an open source. Primary PM has two (2) components: filterable PM and condensable PM. These two (2) PM components have no upper particle size limit;

(IV) Primary $PM_{2.5}$ (Also known as direct $PM_{2.5}$, total $PM_{2.5}$, $PM_{2.5}$, or combined filterable $PM_{2.5}$ and condensable PM) – PM with an aerodynamic diameter less than or equal to two and five-tenths (2.5) micrometers. These solid particles are emitted directly from an air emissions source or activity, or are the gaseous or vaporous emissions from an air emission source or activity that condense to form PM at ambient temperatures. Direct $PM_{2.5}$ emissions include elemental carbon, directly emitted organic carbon, directly emitted sulfate, directly emitted nitrate, and other inorganic particles (including but not limited to crustal material, metals, and sea salt); and

(V) Primary PM_{10} (Also known as direct PM_{10} , total PM_{10} , PM_{10} , or the combination of filterable PM_{10} and condensable PM) – PM with an aerodynamic diameter equal to or less than ten (10) micrometers.

[8. *Passenger tire equivalent (PTE)*—The weight of waste tires or parts of waste tires equivalent to the average weight of one (1) passenger tire. The average weight of one (1) passenger tire is equal to twenty (20) pounds.

9. *Passenger vehicle*—Every motor vehicle, except motorcycles, motor-driven cycles, and ambulances, designed for carrying ten (10) passengers or less and used for the transportation of persons.]

[10.]16. *Passive collection system* – A gas collection system that solely uses positive pressure within the landfill to move the gas rather than using gas mover equipment.

[11.]17. *Pathological waste* – Waste material consisting of only human or animal remains, anatomical parts, and/or tissue, the bags/containers used to collect and transport the waste material, and animal bedding (if applicable).

[12. *Peaking combustion unit*—A combustion turbine normally reserved for operation during the hours of highest daily, weekly, or seasonal loads.

13. *Perimeter bonded sheet flooring installation*—The installation of sheet flooring with vinyl backing onto a nonporous substrate using an adhesive designed to be applied only to a

strip of up to four inches (4") wide around the perimeter of the sheet flooring.]

[15.]18. *Permanent shutdown*—The permanent cessation of operation of any air pollution control equipment or process equipment, not to be placed back into service or have a start-up.

[15.]19. *Permitting authority*—Either the administrator or the state air pollution control agency, local agency, or other agency authorized by the administrator to carry out a permit program as intended by the Act.

[16. *Person*—Any individual, partnership, copartnership, association, firm, company, public or private corporation including the parent company of a wholly owned subsidiary, joint stock company, municipality, political subdivision, agency, board, department or bureau of the state or federal government, trust, estate, or other legal entity either public or private which is recognized by law as the subject of rights and duties. This shall include any legal successor, employee, or agent of the previous entities.

17. *Petroleum liquid*—Petroleum, condensate, and any finished or intermediate products manufactured in a petroleum refinery with the exception of Numbers 2–6 fuel oils as specified in ASTM D 396-13, gas turbine fuel oils Number 2-GT–4-GT, as specified in ASTM D 2880-13, and diesel fuel oils Number 2-D and 4-D, as specified in ASTM D 975-13.

18. *Petroleum refinery*—Any facility which produces gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, or other products through distillation, cracking, extraction, or reforming of unfinished petroleum derivatives.]

[19.]10. *Pharmaceutical* – Any compound or preparation included under the Standard Industrial Classification Codes 2833 (Medicinal Chemicals and Botanical Products) and 2834 (Pharmaceutical Preparations), excluding products formulated by fermentation, extraction from vegetable material or animal tissue, or formulation and packaging of the final product.

[20. *Pilot plants*—The installations which are of new type or design which will serve as a trial unit for experimentation or testing.]

[21.]11. *Plant-mix* – A mixture produced in an asphalt mixing plant that consists of mineral aggregate uniformly coated with asphalt cement, cutback asphalt, or emulsified asphalt.

[22.]12. *Plastic* – A synthetic material chemically formed by the polymerization of organic substances and capable of being molded, extruded, cast into various shapes and films, or drawn into filaments.

[23. *Plastic solvent welding adhesive*—An adhesive intended by the manufacturer for use to dissolve the surface of plastic to form a bond between mating surfaces.

24. *Plastic solvent welding adhesive primer*—A primer intended by the manufacturer for use to prepare plastic substrates prior to bonding or welding.

25. *Pleasure craft*—A marine vessel which is manufactured or operated primarily for recreational purposes or leased, rented, or chartered to a person or business for recreational purposes.

26. *Pleasure craft coating*—A marine coating, except unsaturated polyester resin (fiberglass) coatings, applied by brush, spray, roller, or other means to a pleasure craft.

27. *Plug-in hybrid electric vehicle (PHEV)*—A plug-in hybrid electric drive vehicle that is made by a manufacturer, has not been modified from original manufacturer specifications, and can operate solely on electric power and is capable of recharging its battery from an onboard generation source and an off-board electricity source.]

[28.]13. *Point source* – For the purpose of 10 CSR 10-6.110,

large, stationary (nonmobile), identifiable source of emissions that releases pollutants into the atmosphere. A point source is an installation that is either –

A. A major source under 40 CFR 70 for the pollutants for which reporting is required; or

B. A holder of an intermediate operating permit.

[29.]14. Pollutant – An air contaminant listed in subsection (3)(A) of this rule without regard to levels of emission or air quality impact.

[30.] Polyethylene bag sealing operation—*Any operation or facility engaged in the sealing of polyethylene bags, usually by the use of heat.*

31. Polystyrene resin—*The product of any styrene polymerization process, usually involving heat.*

[32.]15. Polyvinyl chloride (PVC) plastic – A polymer of the chlorinated vinyl monomer that contains fifty-seven percent (57%) chlorine.

[33.]16. Porous material – A substance that has tiny openings, often microscopic, in which fluids may be absorbed or discharged, including[,] but not limited to[,] paper and corrugated paperboard. For the purpose of 10 CSR 10-5.330, porous material does not include wood.

[34.]17. Portable equipment – Any equipment that is designed and maintained to be movable, primarily for use in noncontinuous operations. Portable equipment includes rock crushers, asphaltic concrete plants, and concrete batching plants.

[35.]18. Portable equipment installation – An installation made up solely of portable equipment, meeting the requirements of or having been permitted according to 10 CSR 10-6.060(4).

[36.]19. Portland cement – A hydraulic cement produced by pulverizing clinker consisting essentially of hydraulic calcium silicates, usually containing one (1) or more of the forms of calcium sulfate as an interground addition.

[37.]20. Portland cement kiln – A system, including any solid, gaseous, or liquid fuel combustion equipment, used to calcine and fuse raw materials, including limestone and clay, to produce Portland cement clinker.

[38.]21. Potential to emit – The emission rates of any pollutant at maximum design capacity. Annual potential shall be based on the maximum annual-rated capacity of the installation assuming continuous year-round operation. Federally enforceable permit conditions on the type of materials combusted or processed, operating rates, hours of operation, and the application of air pollution control equipment shall be used in determining the annual potential. Secondary emissions do not count in determining annual potential.

[39.]22. Potroom – A building unit which houses a group of electrolytic cells in which aluminum is produced.

[40.]23. Potroom group – An uncontrolled potroom, a potroom which is controlled individually, or a group of potrooms or potroom segments ducted to a common or similar control system.

[41.]24. Precursors of a criteria pollutant are –

A. For ozone, nitrogen oxides (NO_x), unless an area is exempted from NO_x requirements under section 182(f) of the Clean Air Act, and volatile organic compounds (VOCs);

B. For PM₁₀, those pollutants described in the PM₁₀ nonattainment area applicable state implementation plan as significant contributors to the PM₁₀ levels; and

C. For PM_{2.5} –

(I) Sulfur dioxide (SO₂) in all PM_{2.5} nonattainment and maintenance areas;

(II) NO_x in all PM_{2.5} nonattainment and maintenance

areas unless both the state and U.S. Environmental Protection Agency (EPA) determine that it is not a significant precursor; and

(III) VOC and ammonia (NH₃) only in PM_{2.5} nonattainment or maintenance areas where either the state or EPA determines that they are significant precursors.

[42.] Predictive emissions monitoring system (PEMS)—*A system that uses process and other parameters as inputs to a computer program or other data reduction system to predict values in terms of the applicable emission limitation or standard.*

43. Prefabricated architectural component coating—*A coating applied to metal parts and products which are to be used as an architectural structure.*

44. Preheater/precalciner kiln—*A kiln where the feed to the kiln system is preheated in cyclone chambers and that utilizes a second burner to provide heat for calcination of material prior to the material entering the rotary kiln which forms clinker.*

[45.]25. Preheater kiln – A kiln where the feed to the kiln system is preheated in cyclone chambers prior to the final fusion, which forms clinker.

[46.]26. Press – A printing production assembly that can be made up of one (1) or many units to produce a finished product. For the purpose of 10 CSR 10-5.442, this includes any associated coating, spray powder application, heatset web dryer, ultraviolet or electron beam curing units, or infrared heating units.

[47.] Pretreatment coating—*A coating which contains no more than twelve percent (12%) solids by weight, but at least one-half percent (0.5%) acids by weight, is used to provide surface etching, and is applied directly to metal surfaces to provide corrosion resistance, adhesion, and ease of stripping.*

48. Pretreatment wash primer—*A coating which contains no more than twenty-five percent (25%) solids by weight, but at least one-tenth of a percent (0.1%) acids by weight, is used to provide surface etching, and is applied directly to fiberglass and metal surfaces to provide corrosion resistance and adhesion of subsequent coatings.*

[49.]27. Primary aluminum reduction installation – Any facility manufacturing aluminum by electrolytic reduction of alumina.

[50.]28. Primary chamber – The chamber in an HMIWI that receives waste material, in which the waste is ignited, and from which ash is removed.

[51.]29. Primary fuel – The fuel that provides the principal heat input to the device. To be considered primary, the fuel must be able to sustain operation without the addition of other fuels.

[52.] Primer—*The first layer and any subsequent layers of identically formulated coating applied to the article to provide corrosion resistance, surface etching, surface leveling, adhesion promotion, or other property depending on the end use or exposure of the final product. Primers that are defined as specialty coatings are not included under this definition.*

53. Primer-surfacer—*An intermediate protective coating applied over the electrodeposition primer and under the topcoat at an automobile or light-duty truck assembly coating facility. Primer-surfacer provides adhesion, protection, and appearance properties to the total finish. Primer-surfacer may also be called guide coat or surfacer.*

54. Printed interior panel—*A panel whose grain or natural surface is obscured by fillers and basecoats upon which a simulated grain or decorative pattern is printed.*

[55.]30. Printing – Any operation that imparts color, images, or text onto a substrate using printing inks.

[56.]31. Printing ink – Any fluid or viscous composition used in printing, impressing, or transferring an image onto

a substrate. Varnishes and coatings applied with offset lithographic and letterpress printing presses are inks and are part of the applicable printing process, not a separate operation such as paper coating.

[57.]32. Process heater—Any enclosed device using controlled flame, that is not a boiler, and the unit's primary purpose is to transfer heat indirectly to a process material (liquid, gas, or solid) or to heat transfer material for use in a process unit, instead of generating steam. Process heaters are devices in which the combustion gases do not directly come into contact with process materials. Process heaters do not include units used for comfort heat or space heat, food preparation for on-site consumption, or autoclaves.

[58.]33. Process or production unit—For the purpose of 10 CSR 10-6.060(9), any collection of structures and/or equipment, that processes, assembles, applies, or otherwise uses material inputs to produce or store an intermediate or final product. A single facility may contain more than one (1) process or production unit.

[59.]34. Process unit—For the purpose of 10 CSR 10-5.550, equipment assembled and connected by pipes or ducts to produce, as intermediates or final products, one (1) or more chemicals included in Appendix A of Control of Volatile Organic Compound Emissions from Reactor Processes and Distillation Operations Processes in the Synthetic Organic Chemical Manufacturing Industry, EPA-450/4-91-031. A process unit can operate independently if supplied with sufficient feed or raw materials and sufficient product storage facilities.

[60.]35. Process weight—The total weight of all materials introduced into an emission unit, including solid fuels which may cause any emission of particulate matter, but excluding liquids and gases used solely as fuels and air introduced for purposes of combustion.

[61.]36. Process weight rate—A rate in tons per hour established as follows:

A. The rate of materials introduced to the process which may cause any emission of particulate matter;

B. For continuous or long-run steady-state emission units, the total process weight for the entire period of continuous operation or for a typical portion, divided by the number of hours of that period or portion;

C. For cyclical or batch emission units, the total process weight for a period of time which covers a complete operation or an integral number of cycles, divided by the hours of actual process operation during that period; or

D. Where the nature of any process or operation or the design of any equipment permits more than one (1) interpretation of this section, that interpretation which results in the minimum value for allowable emission shall apply.

[62.] *Product*—For the purpose of 10 CSR 10-5.550, any compound or chemicals included in Appendix A of Control of Volatile Organic Compound Emissions from Reactor Processes and Distillation Operations Processes in the Synthetic Organic Chemical Manufacturing Industry, EPA-450/4-91-031 that is produced as that chemical for sales as a product, by-product, co-product, or intermediate or for use in the production of other chemicals or compounds.]

[63.]37. Production equipment exhaust system—A device for collecting and directing out of the work area fugitive emissions from reactor openings, centrifuge openings, and other vessel openings and equipment for the purpose of protecting workers from excessive exposure.

[64.] *Protocol*—A replicable and workable method to estimate the mass of emissions reductions, or the amount of emissions reduction credits needed for compliance.

65. *Public vehicle*—Any motor vehicle, other than a

passenger vehicle, and any trailer, semitrailer, or pole trailer drawn by such a motor vehicle, which is designed, used, and maintained for the transportation of persons or property at the public expense and under public control.]

[66.]38. Publication rotogravure printing—Rotogravure printing upon paper which is subsequently formed into books, magazines, catalogues, brochures, directories, newspaper supplements, and other types of printed materials.

[67.]39. Pyrolysis—The endothermic gasification of hospital waste and/or medical/infectious waste using external energy.

(Q) All terms beginning with Q.

[1.] *Qualifying repair*—Any repair or adjustment performed on a vehicle's emissions control system after failing an initial emissions inspection that is reasonable to the test method failure. A qualifying repair is submitted as part of a cost-based waiver application and must document, to the department's satisfaction, the diagnostic testing or analysis method used by the person performing the repair. Repairs performed by a repair technician that were not authorized by the vehicle owner's signature or verbal consent may not be considered a qualifying repair. The qualifying repair must be performed within ninety (90) days after the date of initial emissions inspection. The initial or subsequent emissions reinspection should support the necessity of the qualifying repair. The qualifying repair may consist of either—

A. The parts costs, spent by a vehicle owner or charged to a vehicle owner by a repair technician, that are appropriate for the type of emissions inspection failure; or

B. The parts and recognized labor costs, charged to a vehicle owner by a Recognized Repair Technician, that are appropriate for the type of emissions inspection failure.

2. *Quantifiable*—The quantity of emission reductions can be measured or estimated by accurate and replicable techniques. These techniques shall be at least as accurate and replicable as the techniques accepted by the U.S. EPA, where accepted techniques exist.]

(R) All terms beginning with R.

1. *Reactor*—A vat or vessel, which may be jacketed to permit temperature control, designed to contain chemical reactions.

2. *Reactor processes*—Unit operations in which one (1) or more chemicals, or reactants other than air, are combined or decomposed in such a way that their molecular structures are altered and one (1) or more new organic compounds are formed.

[3.] *Readiness monitor*—A design feature of Onboard Diagnostics (OBD) systems. If a readiness monitor has been set, then the OBD system has completed a diagnostic check on that component. If a readiness monitor has not been set, then the OBD system has not completed a diagnostic check on that component.]

[4.]3. Reasonably foreseeable emissions—Projected future direct and indirect emissions that are identified at the time the conformity determination is made; the location of such emissions is known and the emissions are quantifiable, as described and documented by the federal agency based on its own information and after reviewing any information presented to the federal agency.

[5.]4. Receive or receipt of—When referring to the director or the administrator, to come into possession of a document, information, or correspondence (whether sent in writing or by authorized electronic transmission), as indicated in an official correspondence log, or by a notation made on the document, information, or correspondence, by the director or the administrator in the regular course of business.

[6. *Recognized labor costs*—The labor costs that a Recognized Repair Technician charges for emissions repair services rendered to a vehicle that fails its emissions inspection. Labor costs not tied to an emissions repair or solely for the purposes of setting readiness monitors may not be considered qualifying repairs.

7. *Recognized Repair Technician*—Any person who—

A. Is professionally engaged full-time in vehicle repair or employed by an ongoing business whose purpose is vehicle repair. A Recognized Repair Technician may only be recognized by the department at one (1) place of employment;

B. Has valid certifications from the National Institute for Automotive Service Excellence (ASE) in Electrical Systems (A6), Engine Performance (A8), and Advanced Engine Performance Specialist (L1) that have not expired; and

C. Has not been reported by the department to the attorney general for unlawful merchandising practices according to 643.330.4., RSMo.]

[8.]5. *Reconstruct a major source*—For the purpose of 10 CSR 10-6.060(9), replacement of components at an existing process or production unit where the replacement of components in and of itself emits or has the potential to emit ten (10) tons per year (tpy) of any hazardous air pollutant (HAP) or twenty-five (25) tpy of any combination of HAPs, whenever—

A. The fixed capital cost of the new components exceeds fifty percent (50%) of the fixed capital cost that would be required to construct a comparable process or production unit; and

B. It is technically and economically feasible for the reconstructed major source to meet the applicable maximum achievable control technology emission limitation for new sources established under this section.

[9.]6. *Reconstruction*—Where the fixed capital cost of the new components exceeds fifty percent (50%) of the fixed capital cost of a comparable entirely new source of operation or installation; the use of an alternative fuel or raw material by reason of an order in effect under sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974, by reason of a natural gas curtailment plan in effect pursuant to the Federal Power Act, or by reason of an order or rule under section 125 of the Clean Air Act, shall not be considered reconstruction. In determining whether a reconstruction will occur, the provisions of 40 CFR 60.15, December 1, 1979, shall be considered by the director.

[10. *Recordation, record, or recorded*—With regard to NO_x allowances, the movement of NO_x allowances by the director or administrator from one (1) NO_x allowance tracking system account to another, for purposes of allocation, transfer, or deduction.]

[11.]7. *Recoverable fuel*—Fuels that have been permitted for use for energy recovery under 10 CSR 10-6.065.

[12.]8. *Recovery device*—An individual unit of equipment, such as an adsorber, carbon adsorber, or condenser, capable of and used for the purpose of recovering chemicals for use, reuse, or sale.

[13.]9. *Recovery system*—An individual recovery device or series of such devices applied to the same vent stream.

[14. *Recycled on-site*—The reuse of an organic solvent in a process other than cleaning or washoff.]

[15.]10. *Reduction*—Any heated process, including rendering, cooking, drying, dehydrating, digesting, evaporating, and protein concentrating.

[16.]11. *Reference method*—Any method of sampling and analyzing for an air pollutant that is published in Appendix A of 40 CFR 60.

[17. *Refinishing*—The process of coating motor vehicles, or their parts, that is subsequent to the original coating applied at an original equipment manufacturing plant.]

[18.]12. *Refuse*—The garbage, rubbish, trade wastes, leaves, salvageable material, agricultural wastes, or other wastes.

[19.]13. *Regional water or wastewater projects*—Include construction, operation, and maintenance of water or wastewater conveyances, water or wastewater treatment facilities, and water storage reservoirs which affect a large portion of a nonattainment or maintenance area.

[20.]14. *Regulated air pollutant*—All air pollutants or precursors for which any standard has been promulgated.

[21. *Regulated asbestos-containing material (RACM)*—Friable asbestos material; category I nonfriable asbestos-containing material (ACM) that has become friable; category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of regulated demolition or renovation operations.]

[22.]15. *Reid vapor pressure (RVP)*—The absolute vapor pressure of a petroleum liquid as determined by “Tests for Determining Reid Vapor Pressure (RVP) of Gasoline and Gasoline-Oxygenate Blends,” 40 CFR 80, Appendix E as in effect July 1, 1990.

[23. *Reinforced plastic composite*—A composite material consisting of plastic reinforced with fibers.

24. *Related cleaning activity*—The removal of coating residue or other unwanted materials from equipment related to coating operations as well as the cleaning of spray guns, transfer line, tanks, and the interior of spray booths.

25. *Renewable fuel*—For the purpose of 10 CSR 10-6.380, renewable energy resources that include but are not limited to solar (photovoltaic), wind, and biomass. Biomass includes but is not limited to: agricultural crops and crop waste, untreated wood and wood wastes, livestock waste, wastepaper, and organic municipal solid waste.]

[26.]16. *Renewal*—The process by which an operating permit is reissued at the end of its term.

[27. *Repair coating*—A coating used to re-coat portions of a previously coated product which has sustained mechanical damage to the coating following normal coating operations.

28. *Reporting year*—Twelve (12)-month calendar year ending December 31. The reporting requirement for installations with three (3)-year reporting cycles begins with the 2011 reporting year. The subsequent reporting years will be every three (3) years following 2011 (i.e., 2014, 2017, 2020, etc.)]

[29.]17. *Research and development activities*—For the purpose of 10 CSR 10-6.060(9), activities conducted at a research or laboratory facility whose primary purpose is to conduct research and development into new processes and products, where such source is operated under the close supervision of technically trained personnel and is not engaged in the manufacture of products for sale or exchange for commercial profit, except in a *de minimis* manner.

[30. *Research and development emissions unit*—Any combustion unit operated only for the purpose of research and development work.]

[31.]18. *Residence time*—Period of time in which gas in a thermal oxidizer, incinerator, or afterburner is exposed to heat and oxygen at a specified temperature in order to destroy pollutants present in the gas.

[32.]19. *Residual fuel oil*—The heavier fuel oil variously known as Bunker C, PS 400, and Number 6 generally used

for the production of electric power, space heating, vessel bunkering, and various industrial purposes. It has a minimum flash point of one hundred forty degrees Fahrenheit (140 °F).

[33.]20. Resist coat – A coating that is applied to a plastic part before metallic plating to prevent deposits of metal on portions of the plastic part.

[34.]21. Responsible official – Includes one (1) of the following:

A. The president, secretary, treasurer, or vice-president of a corporation in charge of a principal business function, any other person who performs similar policy and decision-making functions for the corporation, or a duly authorized representative of this person if the representative is responsible for the overall operation of one (1) or more manufacturing, production, or operating facilities applying for or subject to a permit and either –

(I) The facilities employ more than two hundred fifty (250) persons or have a gross annual sales or expenditures exceeding twenty-five (25) million dollars (in second quarter 1980 dollars); or

(II) The delegation of authority to this representative is approved in advance by the permitting authority;

B. A general partner in a partnership or the proprietor in a sole proprietorship;

C. Either a principal executive officer or ranking elected official in a municipality or state, federal, or other public agency. For the purpose of this subparagraph, a principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency; or

D. The designated representative of an affected source insofar as actions, standards, requirements, or prohibitions under Title IV of the Act or the regulations promulgated under the Act are concerned and the designated representative for any other purposes under part 70.

[35.]22. Restricted information – Information that is privileged or that is otherwise protected from disclosure pursuant to applicable statutes, executive orders, or regulations. Such information includes, but is not limited to, classified national security information, protected critical infrastructure information, sensitive security information, and proprietary business information.

[36.]23. Rich-burn engine – A two- (2-)[-] or four- (4-)[-] stroke spark-ignited (SI) engine where the oxygen content in the exhaust stream before any dilution is one percent (1%) or less measured on a dry basis.

[37.]24. Road-mix – An asphalt course produced by mixing mineral aggregate and cutback or emulsified asphalt at the road site by means of travel plants, motor graders, drags, or special road-mixing equipment.

[38. Roll printing – The application of words, designs, and pictures to a substrate, usually by means of a series of hard rubber or steel rolls each with only partial coverage.

39. Rolling lubricant – Petroleum-based oil usually mixed with additives. The lubricant is used to cool the work rolls and provide lubrication for the product in contact with the work rolls.]

[40.]25. Rotogravure printing – The application of words, designs, and pictures to a substrate by means of a roll-printing technique which involves an intaglio or recessed image areas in the form of cells.

[41. Rubber – Any natural or manmade rubber substrate, including, but not limited to, styrene-butadiene rubber, polychloroprene (neoprene), butyl rubber, nitrile rubber, chlorosulfonated polyethylene, and ethylene propylene diene terpolymer.]

(S) All terms beginning with S.

[1. Safety-indicating coating – A coating which changes physical characteristics, such as color, to indicate unsafe conditions.

2. Salvage operation – Any business, trade, industry, or other activity conducted in whole or in part for the purpose of salvaging or reclaiming any product or material.]

[3.]1. Sealer – A finishing material used to seal the pores of a wood substrate before additional coats of finishing material are applied. Washcoats, which are used in some finishing systems to optimize aesthetics, are not sealers.

[4.]2. Secondary chamber – A component of the HMIWI that receives combustion gases from the primary chamber and in which the combustion process is completed.

[5.]3. Secondary emissions – The emissions which occur or would occur as a result of the construction or operation of an installation or major modification but do not come from the installation or major modification itself. Secondary emissions must be specific, well-defined, quantifiable, and impact the same general area as the installation or modification which causes the secondary emissions. Secondary emissions may include, but are not limited to [:-] –

A. Emissions from trucks, ships, or trains coming to or from the installation or modification; and

B. Emissions from any off-site support source which would not be constructed or increase its emissions except as a result of the construction or operation of the major stationary source or major modification.

[6. Section 502(b)(10) changes – Changes that contravene an express permit term. These changes do not include those that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements.

7. Self-priming topcoat – A topcoat that is applied directly to a vehicle or component for purposes of corrosion prevention, environmental protection, and function fluid resistance. More than one (1) layer of identical coating formulation may be applied to the vehicle or component.

8. Semi-aqueous cleaning solvent – A solution in which water is a primary ingredient (greater than sixty percent (60%) by weight of the solvent solution as applied must be water.)]

[9.]4. Serial number – When referring to NO_x allowances, the unique identification number assigned to each NO_x allowance by the administrator or director.

[10. Sheet basecoat – The roll coated primary interior surface coating applied to surfaces for the basic protection of buffering filling material from the metal can surface.

11. Sheet-fed – A printing press where individual sheets of substrate are fed into the press sequentially.

12. Sheet rubber lining installation – The process of applying sheet rubber liners by hand to metal or plastic substrates to protect the underlying substrate from corrosion or abrasion. These operations also include laminating sheet rubber to fabric by hand.

13. Shock-free coating – A coating applied to electrical components to protect the user from electric shock. The coating has characteristics of being of low capacitance and high resistance and having resistance to breaking down under high voltage.]

[14.]5. Shutdown – Defined as follows:

A. For the purpose of 10 CSR 10-6.200, the period of time after all waste has been combusted in the primary chamber. For continuous HMIWI, shutdown shall commence no less than two (2) hours after the last charge to the incinerator. For intermittent HMIWI, shutdown shall commence no less than four (4) hours after the last charge to the incinerator. For batch

HMIWI, shutdown shall commence no less than five (5) hours after the high-air phase of combustion has been completed; and

[B. For the purpose of 10 CSR 10-6.410, rendering an installation or unit inoperable by physically removing, dismantling, or otherwise disabling the installation or unit so that it could not be reactivated without obtaining a new permit in accordance with 10 CSR 10-6.060; and]

[C.]B. For all other purposes, the cessation of operation of any air pollution control equipment or process equipment, except the routine phasing out of process equipment.

[15.]6. Shutdown, permanent—Same as permanent shutdown.

[16. Side-seam coating—A coating applied on the interior and/or exterior of a welded, cemented, or soldered seam to protect the exposed metal.]

[17.]7. Significant – A net emissions increase or potential to emit at a rate equal to or exceeding the *de minimis* levels or create an ambient air concentration at a level greater than those listed in [10 CSR 10-6.060(11)(D)] **10 CSR 10-6.060(5)(E)3.**, or any emissions rate or any net emissions increase associated with an installation subject to 10 CSR 10-6.060 which would be constructed within ten kilometers (10 km) of a Class I area and have an air quality impact on the area equal to or greater than one microgram per cubic meter (1 µg/m³) (twenty-four- (24-)[-]hour average). For purposes of new source review under 10 CSR 10-6.060 sections (7) and (8), net emission increases of hazardous air pollutants exceeding the *de minimis* levels are considered significant only if they are also criteria pollutants.

[18. Silicone release coating—A coating which contains silicone resin and is intended to prevent food from sticking to metal surfaces, such as baking pans.

19. Similar source—A stationary source or process that has comparable emissions and is structurally similar in design and capacity to a constructed or reconstructed major source such that the source could be controlled using the same control technology.

20. Single-ply roof membrane—A prefabricated single sheet of rubber, normally ethylene-propylenediene terpolymer, that is field applied to a building roof using one (1) layer of membrane material. For the purpose of 10 CSR 10-5.330, single-ply roof membrane does not include membranes prefabricated from ethylene propylene diene monomer.

21. Single-ply roof membrane adhesive primer—A primer labeled for use to clean and promote adhesion of the single-ply roof membrane seams or splices prior to bonding.

22. Single-ply roof membrane installation and repair adhesive—An adhesive labeled for use in the installation or repair of single-ply roof membrane. Installation includes, as a minimum, attaching the edge of the membrane to the edge of the roof and applying flashings to vents, pipes, or ducts that protrude through the membrane. Repair includes gluing the edges of torn membrane together, attaching a patch over a hole, and reapplying flashings to vents, pipes, or ducts installed through the membrane.]

[23.]8. Six- (6-)[-]minute period—A three[-]hundred[-]sixty- (360-)[-]consecutive-second time interval. Six- (6-)[-]minute block averages shall be utilized for continuous opacity monitoring system data per the provisions of Appendix B to 40 CFR 60, Performance Specification 1, promulgated as of July 1, 2007, and hereby incorporated by reference in this rule, as published by the U.S. Government Printing Office, 732 N Capitol Street NW, Washington, DC 20401. This rule does not incorporate any subsequent amendments or additions.

[24.]9. Sludge—Any solid, semisolid, or liquid waste

generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility, exclusive of the treated effluent from a wastewater treatment plant.

[25.]10. Small HMIWI – An HMIWI whose maximum design waste burning capacity is less than or equal to two hundred (200) pounds per hour, or a continuous or intermittent HMIWI whose maximum charge rate is less than or equal to two hundred (200) pounds per hour, or a batch HMIWI whose maximum charge rate is less than or equal to one thousand six hundred (1,600) pounds per day. The following are not small HMIWI: a continuous or intermittent HMIWI whose maximum charge rate is more than two hundred (200) pounds per hour; a batch HMIWI whose maximum charge rate is more than one thousand six hundred (1,600) pounds per day.

[26.]11. Small source – For the purpose of 10 CSR 10-6.110, an installation subject to 10 CSR 10-6.110 but not a point source as defined in 10 CSR 10-6.020 for the purpose of 10 CSR 10-6.110.

[27.]12. Smoke – Small gas-borne particles resulting from combustion, consisting of carbon, ash, and other material.

[28. Smoke generating device—A specialized piece of equipment which is not an integral part of a commercial, industrial, or manufacturing process and whose sole purpose is the creation and dispersion of fine solid or liquid particles in a gaseous medium.

29. Soils—Includes, but is not limited to, unwanted grease, wax, grit, ash, dirt, and oil.

30. Solar absorbent coating—A coating which has as its prime purpose the absorption of solar radiation.

31. Solid film lubricant—A very thin coating consisting of a binder system containing as its chief pigment material one (1) or more of the following:

A. Molybdenum;

B. Graphite;

C. Polytetrafluoroethylene (PTFE); and

D. Other solids that act as a dry lubricant between closely or tightly fitting surfaces.]

[32.]13. Solid fuel—A solid material used as a fuel that includes[,] but is not limited to[,] coal, wood, biomass, tires, plastics, and other nonfossil solid materials.

[33.]14. Solid waste – Any garbage, refuse, sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility; and other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations, and from community activities but does not include solid or dissolved material in domestic sewage, or solid or dissolved materials in irrigation return flows or industrial discharges that are point sources subject to permits under 33 U.S.C. 1342, or source, special nuclear, or by-product material as defined by the Atomic Energy Act of 1954, as amended (42 U.S.C. 2014).

[34.]15. Solids – Same as coating solids.

[35. Solids turnover ratio (RT)—The ratio of total volume of coating solids that is added to the electrodeposition primer system in a calendar month divided by the total volume design capacity of the electrodeposition primer system.]

[36.]16. Solvent – Organic materials which are liquid at standard conditions and which are used as solvents, viscosity reducers, or cleaning agents.

[37.]17. Solvent metal cleaning – The process of cleaning soils from metal surfaces by cold cleaning or open-top vapor degreasing or conveyorized degreasing.

[38.]18. Source – Any governmental, institutional, commercial, or industrial structure, installation, plant, building, or facility that emits or has the potential to emit

any regulated air pollutant under the Clean Air Act (CAA). For purposes of section 502(c) of the CAA, a source, including a source with multiple units, shall be considered a single facility.

[39.]19. Source gas volume—The volume of gas arising from a process or other source operation.

[40.]20. Source operation—Use definition of emissions unit.

[41. Specially constructed vehicle—A motor vehicle that has not been originally constructed under a distinctive name, make, model, or type by a manufacturer of motor vehicles, that has been issued a specially constructed vehicle identification number (VIN) number from the Missouri Department of Revenue, and that has had the specially constructed VIN installed by the Missouri State Highway Patrol. The term specially constructed vehicle includes kit vehicles that are motor vehicles assembled by a person other than a generally recognized manufacturer of motor vehicles by the use of a glider kit or replica purchased from an authorized manufacturer and accompanied by a manufacturer's statement of origin.

42. Specialty coating—A coating that, even though it meets the definition of a primer, topcoat, or self-priming topcoat, has additional performance criteria beyond those of primers, topcoats, and self-priming topcoats for specific applications. These performance criteria may include, but are not limited to, temperature or fire resistance, substrate compatibility, anti-reflection, temporary protection, or marking, sealing, adhesively joining substrates, or enhanced corrosion protection.

43. Spray gun cleaner—Equipment used to clean spray guns used to apply, but not limited to, primers, paints, specialty coatings, adhesives, sealers, resins, or deadeners incorporated into a product distributed in commerce.

44. Spray gun soils—Include, but are not limited to, unwanted grease, wax, grit, ash, dirt, oil, unwanted primers, paint, specialty coatings, adhesives, sealers, resins, and deadeners.]

[45.]21. Springfield-Greene County area—The geographical area contained within Greene County.

[46.]22. St. Louis metropolitan area—The geographical area comprised of St. Louis, St. Charles, Jefferson, and Franklin counties and the City of St. Louis.

[47.]23. Stack—Any spatial point in an installation designed to emit air contaminants into ambient air. An accidental opening such as a crack, fissure, or hole is a source of fugitive emissions, not a stack.

[48.]24. Staff director—Director of the Air Pollution Control Program of the Department of Natural Resources.

[49. Stage I vapor recovery system—A system used to capture the gasoline vapors that would otherwise be emitted when gasoline is transferred from a loading installation to a cargo tank or from a cargo tank to a storage tank.

50. Stage II vapor recovery system—A system used to capture the gasoline vapors that would otherwise be emitted when gasoline is dispensed from a storage tank to the fuel tank of a motor vehicle. Stage II vapor recovery includes both Stage I and Stage II Vapor Recovery equipment and requirements, unless otherwise stated.]

[51.]25. Stain—Any color coat having a solids content by weight of no more than eight percent (8%) that is applied in single or multiple coats directly to the substrate. Includes[,] but is not limited to[,] nongrain raising stains, equalizer stains, sap stains, body stains, no-wipe stains, penetrating stains, and toners.

[52.]26. Standard conditions—A gas temperature of seventy degrees Fahrenheit (70 °F) and a gas pressure of 14.7 pounds per square inch absolute (psia).

[53.]27. Standard metropolitan statistical area (SMSA)—Any areas listed in Office of Management and Budget Bulletin No. 93-17 entitled "Revised Statistical Definitions for Metropolitan Areas" dated June 30, 1993, and hereby incorporated by reference in this rule, as published by the National Technical Information Services, 5285 Port Royal Road, Springfield, VA 22161. This rule does not incorporate any subsequent amendments or additions.

[54.]28. Start-up—Defined as follows:

A. For the purpose of 10 CSR 10-6.200, the period of time between the activation of the system and the first charge to the unit. For batch HMIWI, start-up means the period of time between activation of the system and ignition of the waste; and

B. For all other purposes, the setting into operation of any air pollution control equipment or process equipment, except the routine phasing in of process equipment.

[55. Start-up unit—A unit operated only to start-up larger electric generating units.

56. State—Defined as follows:

A. For the purpose of 10 CSR 10-6.360, one (1) of the forty-eight (48) contiguous states and the District of Columbia specified in 40 CFR 51.121, or any nonfederal authority in or including such states or the District of Columbia (including local agencies and statewide agencies) or any eligible Indian tribe in an area of such state or the District of Columbia that adopts a NO_x budget trading program pursuant to 40 CFR 51.121. To the extent a state incorporates by reference the provisions of 40 CFR 51.121, the term, state, shall mean the incorporating state. The term, state, shall have its conventional meaning where such meaning is clear from the context; and

B. For all other purposes, any nonfederal permitting authority, including any local agency, interstate association, or statewide program. When clear from its context, state shall have its conventional territorial definition.]

29. State—Any nonfederal permitting authority, including any local agency, interstate association, or statewide program. When clear from its context, state shall have its conventional territorial definition.

[57.]30. State implementation plan (SIP)—A series of plans adopted by the commission, submitted by the director, and approved by the administrator detailing methods and procedures to be used in attaining and maintaining the ambient air quality standards in Missouri.

[58.]31. State trading program NO_x budget—The total number of tons apportioned to all NO_x budget units in a given state, in accordance with the NO_x budget trading program, for use in a given control period.

[59. Stationary internal combustion engine—Internal combustion engine of the reciprocating type that is either attached to a foundation at a facility or is designed to be capable of being carried or moved from one (1) location to another and remains at a single site at a building, structure, facility, or installation for more than twelve (12) consecutive months. Any engine(s) that replace(s) an engine at a site that is intended to perform the same or similar function as the engine replaced is included in calculating the consecutive time period. Nonroad engines and engines used solely for competition are not stationary internal combustion engines.

60. Stationary source—Any building, structure, facility, or installation which emits or may emit any air pollutant subject to regulation under the Clean Air Act. Building, structure, facility, or installation includes all pollutant emitting activities that are located on one (1) or more contiguous or adjacent properties and are under common control of the same person(s).

61. Stencil coating—An ink or a pigmented coating which

is applied over a stencil in order to add identifying letters, symbols, and/or numbers.

62. *Stoker boiler*—A boiler design that employs a grate assembly to combust coal.]

[63.]32. *Storage container*—Vessel or tank, including mix equipment, used to hold finishing, cleaning, or washoff materials.

[64.]33. *Storage tank*—Any tank, reservoir, or vessel which is a container for liquids or gases, where no manufacturing process or part of it takes place.

[65.] *Strippable booth coating*—A coating that—

A. Is applied to a booth wall to provide a protective film to receive overspray during finishing operations;

B. Is subsequently peeled off and disposed; and

C. By achieving A. and B. above, reduces or eliminates the need to use organic solvents to clean booth walls.

66. *Structural glazing*—A process that includes the application of adhesive to bond glass, ceramic, metal, stone, or composite panels to exterior building frames.

67. *Submerged fill pipe*—Any fill pipe the discharge opening of which is entirely submerged when the liquid level is six inches (6") above the bottom of the tank. Submerged fill pipe when applied to a tank which is loaded from the side is defined as any fill pipe, the discharge opening of which is entirely submerged when the liquid level is eighteen inches (18") or twice the diameter of the fill pipe, whichever is greater, above the bottom of the tank.

68. *Submerged filling*—The filling of a gasoline storage tank through a submerged fill pipe with a discharge no more than six inches (6") (no more than twelve inches (12") for submerged fill pipes installed on or before November 9, 2006) from the bottom of the tank. Bottom filling of gasoline storage tanks is included in this definition.]

[69.]34. *Submit or serve*—To send or transmit a document, information, or correspondence to the person specified in accordance with the applicable regulation—

A. In person;

B. By United States Postal Service; or

C. By other means of dispatch or transmission and delivery. Compliance with any submission, service, or mailing deadline shall be determined by the date of dispatch, transmission, or mailing and not the date of receipt.

[70.]35. *Substrate*—The surface onto which coatings are applied (or into which coatings are impregnated).

[71.] *Sufficient density*—Any number, spacing, and combination of collection system components, including vertical wells, horizontal collectors, and surface collectors, necessary to maintain emission and migration control as determined by measures of performance as set forth.

72. *Sufficient extraction rate*—A rate sufficient to maintain a negative pressure at all wellheads in the collection system without causing air infiltration, including any wellheads connected to the system as a result of expansion or excess surface emissions, for the life of the blower.

73. *Surface coating operation*—Same as industrial surface coating operation.

74. *Surface coating unit*—One (1) or more coating applicators and any associated drying area and/or oven wherein a coating is applied, dried, and/or cured. A coating unit ends at the point where the coating is dried or cured, or prior to any subsequent application of a different coating. It is not necessary for a coating unit to have an oven or flash-off area.]

[75.]36. *Synthesized pharmaceutical manufacturing*—Manufacture of pharmaceutical products by chemical synthesis.

(T) All terms beginning with T.

[1. *Tangentially fired boiler*—A boiler that has coal and air nozzles mounted in each corner of the furnace where the vertical furnace walls meet. Both pulverized coal and air are directed from the furnace corners along a line tangential to a circle lying in a horizontal plane of the furnace.

2. *Temporary boiler*—Any gaseous or liquid fuel boiler that is designed to be, and is capable of being, carried or moved from one (1) location to another. A temporary boiler that remains at a location for more than one hundred eighty (180) days during any three hundred sixty-five (365)-day period is no longer considered to be a temporary boiler. Any temporary boiler that replaces a temporary boiler at a location and is intended to perform the same or similar function will be included in calculating the consecutive time period.]

[3.]1. *Temporary installation*—An installation which operates or emits pollutants less than two (2) years.

[4. *Texture coat*—A coating that is applied to a plastic part which, in its finished form, consists of discrete raised spots of the coating.

5. *Thin metal laminating adhesive*—An adhesive intended by the manufacturer for use in bonding multiple layers of metal to metal or metal to plastic in the production of electronic or magnetic components in which the thickness of the bond line(s) is less than 0.25 millimeters.

6. *Tileboard*—A premium interior wall paneling product made of hardboard that is used in high-moisture areas of the home, such as kitchens and bathrooms, and meets the specifications for Class I hardboards as approved by the American National Standards Institute.

7. *Tire-derived fuel*—The end product of a process that converts whole scrap tires into a specific chipped form capable of being used as fuel.

8. *Tire repair*—A process that includes expanding a hole, tear, fissure, or blemish in a tire casing by grinding or gouging, applying adhesive, and filling the hole or crevice with rubber.]

[9.]2. *Title I modification*—Any modification that requires a permit under 10 CSR 10-6.060 section (7) or (8) or that is subject to any requirement under 10 CSR 10-6.070 or 10 CSR 10-6.080.

[10.]3. *Title V operating permit*—A permit issued under Title V of the Clean Air Act and 40 CFR 70 or 40 CFR 71.

[11.]4. *Title V operating permit regulations*—The regulations that the administrator has approved or issued as meeting the requirements of Title V of the Clean Air Act and 40 CFR 70 or 40 CFR 71.

[12.]5. *Ton or tonnage*—Any short ton (i.e., two thousand pounds (2,000 lbs)). For the purpose of determining compliance with the NO_x budget emissions limitation, total tons for a control period shall be calculated as the sum of all recorded hourly emissions (or the tonnage equivalent of the recorded hourly emissions rates) in accordance with applicable requirements, with any remaining fraction of a ton equal to or greater than one-half (0.50) ton deemed to equal one (1) ton and any fraction of a ton less than one-half (0.50) ton deemed to equal zero (0) tons.

[13.]6. *Topcoat*—Defined as follows:

A. For the purposes of 10 CSR 10-2.205 and 10 CSR 10-5.295, a coating that is applied over a primer on an aerospace vehicle or component for appearance, identification, camouflage, or protection. Topcoats that are defined as specialty coatings are not included under this definition; and

B. For all other purposes, the last film building finishing material applied for the purpose of establishing the color or protective surface, or both, including groundcoat and paint sealer materials, base coat, and clear coat. Nonpermanent final finishes are not topcoats.

[14.]7. Total fluoride—The elemental fluorine and all fluoride compounds as measured by reference methods specified in 10 CSR 10-6.030(12) or equivalent or alternative methods.

[15.]8. Total of direct and indirect emissions—The sum of direct and indirect emissions increases and decreases caused by the federal action; that is, the net emissions considering all direct and indirect emissions. Any emissions decreases used to reduce such total shall have already occurred or shall be enforceable under state and federal law. The portion of emissions which are exempt or presumed to conform under subsection (3)(C), (D), (E), or (F) of 10 CSR 10-6.300 are not included in the total of direct and indirect emissions, except as provided in subsection (3)(J) of 10 CSR 10-6.300. The total of direct and indirect emissions includes emissions of criteria pollutants and emissions of precursors of criteria pollutants. The segmentation of projects for conformity analyses when emissions are reasonably foreseeable is not permitted by 10 CSR 10-6.300.

[16. Total organic compounds (TOC)—Those compounds measured according to the procedures of EPA Method 18 of 40 CFR 60, Appendix A. For the purposes of measuring molar compositions as required in subparagraph (3)(B)3.D. of 10 CSR 10-5.550, hourly emissions rate as required in subparagraph (3)(B)5.D. of 10 CSR 10-5.550 and paragraph (3)(B)2. of 10 CSR 10-5.550, and TOC concentration as required in paragraph (4)(A)4. of 10 CSR 10-5.550; the definition of TOC excludes those compounds the administrator designates as having negligible photochemical reactivity. The administrator has designated the following organic compounds negligibly reactive: methane; ethane; 1,1,1-trichloroethane; methylene chloride; trichlorofluoromethane; dichlorodifluoromethane; chlorodifluoromethane; trifluoromethane; trichlorotrifluoroethane; dichlorotetrafluoroethane; and chloropentafluoroethane.

17. Total resource effectiveness (TRE) index value—A measure of the supplemental total resource requirement per unit reduction of organic hazardous air pollutants associated with a process vent stream, based on vent stream flow rate, emission rate of volatile organic compound, net heating value, and corrosion properties (whether or not the vent stream contains halogenated compounds) as quantified by the given equations in 10 CSR 10-5.550. The TRE index is a decision tool used to determine if the annual cost of controlling a given vent gas stream is acceptable when considering the emissions reduction achieved.

18. Touch-up coating—A coating used to cover minor coating imperfections appearing after the main coating operation.

19. Touch-up and repair operation—That portion of the coating operation that is the incidental application of finishing materials used to cover minor imperfections in the coating finish or to achieve complete coverage. This definition includes out-of-sequence or out-of-cycle coating.]

[20.]9. Trade waste—The solid, liquid, or gaseous material resulting from construction or the prosecution of any business, trade, or industry or any demolition operation including[,] but not limited to[,] plastics, cardboard cartons, grease, oil, chemicals, or cinders.

[21. Traffic coatings—Coatings formulated for and applied to public streets, highways, and other surfaces including, but not limited to, curbs, berms, driveways, and parking lots.

22. Transfer efficiency (TE)—Ratio of the amount of coating solids transferred onto a product to the total of coating solids used. In any surface coating operation, TE is the ratio of solids in a coating that adhere on a target surface to the total

solids used in the process for coating the target surface.

23. Translucent coating—A coating which contains binders and pigment and is formulated to form a colored, but not opaque, film.

24. Treated wood—Wood that has been subjected to a chemical process or application.]

[25.]10. Tribal implementation plan (TIP)—A plan to implement the national ambient air quality standards adopted and submitted by a federally recognized Indian tribal government determined to be eligible under 40 CFR 49.9 and the plan has been approved by the U.S. Environmental Protection Agency.

[26. True vapor pressure—The equilibrium partial pressure exerted by a petroleum liquid as determined in American Petroleum Institute Bulletin 2517, Evaporation Loss from Floating Roof Tanks, 1962.

27. Type I etchant—A chemical milling etchant that contains varying amounts of dissolved sulfur and does not contain amines.

28. Type II etchant—A chemical milling etchant that is a strong sodium hydroxide solution containing amines.]

(U) All terms beginning with U.

1. Uncombined water—The visible condensed water which is not bound, physically or chemically, to any air contaminant.

2. Unit—A fossil-fuel-fired combustion device such as a stationary boiler, combustion turbine, or combined cycle system. For the purpose of 10 CSR 10-6.390, unit is any diesel, lean-burn, or rich-burn stationary internal combustion engine as defined in this rule.

3. Unit load—The total (i.e., gross) output of a unit in any control period (or other specified time period) produced by combusting a given heat input of fuel expressed in terms of—

A. The total electrical generation (expressed as megawatt) produced by the unit, including generation for use within the plant; or

B. In the case of a unit that uses heat input for purposes other than electrical generation, the total steam flow (lb/hr) or total steam pressure (psia) produced by the unit, including steam for use by the unit.

4. Unit operating day—A calendar day in which a unit combusts any fuel.

5. Unit operating hour or hour of unit operation—Any hour or fraction of an hour during which a unit combusts fuel.

6. Unit operations—Discrete processing steps that occur within distinct equipment that are used to prepare reactants, facilitate reactions, separate and purify products, and recycle materials.

[7. Untreated wood—Lumber and other wooden materials that have not been chemically treated for resistance to moisture, fire, fungi, insects, and other pests, or has not otherwise been treated or manufactured with chemicals, or that does not contain adhesives or resins. Untreated wood does not include plywood, particleboard, chipboard, and wood with other-than-insignificant quantities of paint, coating, or finish.]

[8.]7. User source—Any source that seeks to use emission reduction credits to comply with an applicable emission reduction requirement.

[9.]8. Utilization—The heat input (expressed in mmBtu/time) for a unit. The unit's total heat input for the control period in each year will be determined in accordance with 40 CFR 75 if the NO_x budget unit was otherwise subject to the requirements of 40 CFR 75 for the year or will be based on the best available data reported to the administrator for the unit if the unit was not otherwise subject to the requirements of 40 CFR 75 for the year.

[10. Utilization rate—The amount of an engine's capacity reported in horsepower-hours that is utilized.]

(V) All terms beginning with V.

[1. Vacuum-metalizing coating—Topcoats and basecoats that are used in the vacuum-metalizing process.]

[2.]1. Vapor recovery system—A vapor gathering system capable of collecting the hydrocarbon vapors and gases discharged and a vapor disposal system capable of processing the hydrocarbon vapors and gases so as to limit their emission to the atmosphere.

[3. Vapor recovery system modification—Any repair, replacement, alteration, or upgrading of Stage I or Stage II vapor recovery control equipment or gasoline dispensing equipment equipped with Stage II vapor recovery beyond normal maintenance of the system as permitted by the staff director.

4. Vapor tight—When applied to a delivery vessel or vapor recovery system as one that sustains a pressure change of no more than seven hundred fifty (750) pascals (three inches (3") of H₂O) in five (5) minutes when pressurized to a gauge pressure of four thousand five hundred (4,500) pascals (eighteen inches (18") of H₂O) or evacuated to a gauge pressure of one thousand five hundred (1,500) pascals (six inches (6") of H₂O).]

[5.]2. Varnish—An unpigmented surface coating containing volatile organic compounds and composed of resins, oils, thinners, and driers used to give a glossy surface to wood, metal, etc.

[6.]3. Vehicle—Any mechanical device on wheels, designed primarily for use on streets, roads, or highways, except those propelled or drawn by human or animal power or those used exclusively on fixed rails or tracks.

[7. Vehicle Inspection Database (VID)—The vehicle inspection database, operated and maintained by the department's contractor. All vehicle emissions inspection information is uploaded by the Missouri Decentralized Analyzer System inspection equipment to the VID on a real-time basis as soon as each inspection is complete.

8. Vehicle Inspection Report (VIR)—The vehicle inspection report printed by the Missouri Decentralized Analyzer System inspection equipment at the conclusion of each vehicle's emissions inspection. The VIR is designed solely to provide information regarding the emissions inspection results to motorists and may not be valid for vehicle registration purposes.]

[9.]4. Vent—A point of emission from a unit operation. Typical process vents from batch processes include condenser vents, vacuum pumps, steam ejectors, and atmospheric vents from reactors and other process vessels. Vents also include relief valve discharges. Equipment exhaust systems that discharge from unit operations also would be considered process vents.

[10.]5. Vent stream—Any gas stream discharge directly from a distillation operation or reactor process to the atmosphere or indirectly to the atmosphere after diversion through other process equipment. The vent stream excludes relief valve discharges and equipment leaks including[,] but not limited to[,] pumps, compressors, and valves.

[11. Vinyl coating—A functional, decorative, or protective topcoat or printing applied to vinyl-coated fabric or vinyl sheets.]

[12.]6. Visible emission—Any discharge of an air contaminant, including condensables, which reduces the transmission of light or obscures the view of an object in the background.

[13.]7. Volatile organic compounds (VOC)—Any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, that participates in atmospheric

photochemical reactions to produce ozone.

A. The following compounds are not considered VOCs because of their known lack of participation in the atmospheric reactions to produce ozone:

CAS #	Compound
138495428	1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC 43-10mee)
431890	1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea)
375031	1,1,1,2,2,3,3-heptafluoropropane (n-C ₃ F ₇ OCH ₃ or HFE-7000)
690391	1,1,1,3,3,3-hexafluoropropane (HFC-236fa)
679867	1,1,2,2,3-pentafluoropropane (HFC-245ca)
24270664	1,1,2,3,3-pentafluoropropane (HFC-245ea)
431312	1,1,1,2,3-pentafluoropropane (HFC-245eb)
460731	1,1,1,3,3-pentafluoropropane (HFC-245fa)
431630	1,1,1,2,3,3-hexafluoropropane (HFC-236ea)
406586	1,1,1,3,3-pentafluorobutane (HFC-365mfc)
422560	3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)
507551	1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)
354234	1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
1615754	1-chloro-1-fluoroethane (HCFC-151a)
163702076	1,1,1,2,2,3,3,4,4-nonfluoro 4-methoxy-butane (C ₄ F ₉ OCH ₃ or HFE-7100)
163702087	2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF ₃) ₂ CF ₂ OCH ₃)
163702054	1-ethoxy-1,1,2,2,3,3,4,4,4-nonfluorobutane (C ₄ F ₉ OC ₂ H ₅ or HFE-7200)
163702065	2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF ₃) ₂ CF ₂ OC ₂ H ₅)
297730939	3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500)
71556	1,1,1-trichloroethane (methyl chloroform)
67641	acetone
75683	1-chloro 1,1-difluoroethane (HCFC-142b)
75456	chlorodifluoromethane (HCFC-22)
593704	chlorofluoromethane (HCFC- 31)
76153	chloropentafluoroethane (CFC- 115)
2837890	2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
75718	dichlorodifluoromethane (CFC- 12)
1717006	1,1-dichloro 1-fluoroethane (HCFC-141b)
76142	1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114)
75376	1,1-difluoroethane (HFC-152a)

75105	difluoromethane (HFC-32)
74840	ethane
353366	ethylfluoride (HFC-161)
74828	methane
79209	methyl acetate
75092	methylene chloride (dichloromethane)
98566	parachlorobenzotrifluoride (PCBTF)
354336	pentafluoroethane (HFC-125)
127184	perchloroethylene (tetrachloroethylene)
359353	1,1,2,2-tetrafluoroethane (HFC-134)
811972	1,1,1,2-tetrafluoroethane (HFC-134a)
75694	trichlorofluoromethane (CFC-11)
26523648	1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
306832	1,1,1-trifluoro 2,2-dichloroethane (HCFC-123)
420462	1,1,1-trifluoroethane (HFC-143a)
75467	trifluoromethane (HFC-23)
107313	methyl formate (HCOOCH ₃),
132182924	1,1,1,2,2,3,4,5,5,5-decafluoro- 3-methoxy-4-trifluoromethylpentane (HFE-7300)
108327	propylene carbonate
616386	dimethyl carbonate
29118249	<i>trans</i> -1,3,3,3-tetrafluoropropene (HFO-1234ze)
1691174	1,1,3,3-tetrafluorodimethyl ether (HCF ₂ OCF ₂ H or HFE-134)
78522471	bis (difluoromethoxy)(difluoro) methane (HCF ₂ OCF ₂ OCF ₂ H or HFE-236cal2)
188690780	1,2-bis (difluoromethoxy)- 1,1,2,2-tetrafluoroethane (HCF ₂ OCF ₂ CF ₂ OCF ₂ H or HFE-338pcc13)
188690779	1-(difluoromethoxy)-2- [(difluoromethoxy)(difluoro) methoxy]-1,1,1,2,2-tetrafluoro- ethane (HCF ₂ OCF ₂ OCF ₂ CF ₂ OCF ₂ H or H-Galden 1040x or H-Galden ZT 130 (or 150 or 180))
102687650	trans-1-chloro-3,3,3-trifluoroprop- 1-ene (Solstice™ 1233zd(E))
754141	2,3,3,3-tetrafluoropropene
124685	2-amino-2-methyl-1-propanol (AMP)
540885	t-butyl acetate (TBAC)
406780	1,1,2,2-tetrafluoro-1- (2,2,2-trifluoroethoxy) ethane (HFE-347pcfe)
692499	cis-1,1,1,4,4,4-hexafluorobut-2-ene (HFO-1336mzz-Z)
66711862	trans-1,1,1,4,4,4-hexafluorobute-2-ene (HFO-1336mzz(E))
Perfluorocarbon compounds in the following classes:	
0	Cyclic, branched or linear, completely fluorinated alkanes
0	Cyclic, branched or linear, completely fluorinated ethers with

no unsaturations
0 Cyclic, branched or linear, completely
methylated siloxanes
0 Cyclic, branched or linear, completely
fluorinated tertiary
amines with no unsaturations
0 Sulfur-containing perfluorocarbons
with no unsaturations and with sulfur
bonds only to carbon and fluorine
VOC may be measured by a reference method, an equivalent
method, an alternative method, or by procedures specified
in either 10 CSR 10-6.030 or 40 CFR 60. These methods and
procedures may measure nonreactive compounds, so an
owner or operator must exclude these nonreactive compounds
when determining compliance.

[B. The following compound(s) are considered VOC
for purposes of all record keeping, emissions reporting,
photochemical dispersion modeling, and inventory requirements
which apply to VOC and shall be uniquely identified in emission
reports, but are not VOC for purposes of VOC emissions
limitations or VOC content requirements.

CAS # Compound

540885 *t-butyl acetate*]
[14.]8. Volatile organic liquid—Any substance which is
a liquid at storage conditions and which contains one (1) or
more volatile organic compounds as defined in this rule.

[15.]9. Volatility—For purposes of 10 CSR 10-5.540, low
volatility materials are defined as those which have a vapor
pressure less than or equal to seventy-five (75) mmHg at
twenty degrees Celsius (20 °C), moderate volatility materials
have a vapor pressure greater than seventy-five (75) and less
than or equal to one hundred fifty (150) mmHg at twenty
degrees Celsius (20 °C), and high volatility materials have a
vapor pressure greater than one hundred fifty (150) mmHg at
twenty degrees Celsius (20 °C). To evaluate volatile organic
compound (VOC) volatility for single unit operations that
service numerous VOCs or for processes handling multiple
VOCs, the weighted average volatility can be calculated from
knowing the total amount of each VOC used in a year, and
the individual component vapor pressure, per the equation in
paragraph (1)(E)1. of 10 CSR 10-5.540.

(W) All terms beginning with W.

[1. *Wall-fired boiler*—A boiler that has pulverized coal
burners arranged on the wall of the furnace. The burners have
discrete, individual flames that extend perpendicularly into the
furnace area.

2. *Washcoat*—A transparent special-purpose coating
having a solids content by weight of twelve percent (12%) or
less. They are applied over initial stains to protect and control
color and to stiffen the wood fibers in order to aid sanding.

3. *Washing*—Purifying, cleaning, or removing impurities
from coal by mechanical process, regardless of the cleaning
medium used.

4. *Washoff operations*—Those operations in which organic
solvent is used to remove coating from a substrate.

5. *Waterproof resorcinol glue*—A two (2)-part resorcinol-
resin-based adhesive designed for applications where the bond
line must be resistant to conditions of continuous immersion in
fresh or salt water.

6. *Waxy, heavy pour crude oil*—A crude oil with a pour
point of fifty degrees Fahrenheit (50 °F) or higher as determined
by the ASTM D 97-12.

7. *Web*—A printing process where a continuous roll of
substrate is fed into the press.]

[8.]1. Wet scrubber—An add-on air pollution control device that utilizes an alkaline scrubbing liquor to collect particulate matter (including nonvaporous metals and condensed organics) and/or to absorb and neutralize acid gases.

[9.]2. Wood furniture—Any product made of wood, a wood product such as rattan or wicker, or an engineered wood product such as particleboard that is manufactured under any of the following standard industrial classification codes: 2434, 2511, 2512, 2517, 2519, 2521, 2531, 2541, 2599, or 5712.

[10.]3. Wood furniture component—Any part that is used in the manufacture of wood furniture. Examples include[,] but are not limited to[,] drawer sides, cabinet doors, seat cushions, and laminated tops.

[11. Wood furniture manufacturing operations—The finishing, cleaning, and washoff operations associated with the production of wood furniture or wood furniture components.]

[12.]4. Working day—A day, or any part of a day, in which a facility is engaged in manufacturing.

(3) General Provisions. Common reference tables are provided in this section of the rule.

(C) Table 3 – Hazardous Air Pollutants.

CAS #	Hazardous Air Pollutant		
75070	Acetaldehyde	1319773	Cresols/Cresylic acid (isomers and mixture)
60355	Acetamide	108394	m-Cresol
75058	Acetonitrile	95487	o-Cresol
98862	Acetophenone	106445	p-Cresol
53963	2-Acetylaminofluorene	98828	Cumene
107028	Acrolein	94757	2,4-D, salts and esters
79061	Acrylamide	3547044	DDE
79107	Acrylic acid	334883	Diazomethane
107131	Acrylonitrile	132649	Dibenzofurans
107051	Allyl chloride	96128	1,2-Dibromo-3-chloropropane
92671	4-Aminobiphenyl	84742	Dibutylphthalate
62533	Aniline	106467	1,4-Dichlorobenzene(p)
90040	o-Anisidine	91941	3,3-Dichlorobenzidene
1332214	Asbestos	111444	Dichloroethyl ether (Bis(2-chloroethyl)ether)
71432	Benzene (including from gasoline)	542756	1,3-Dichloropropene
92875	Benzidine	62737	Dichlorvos
98077	Benzotrichloride	111422	Diethanolamine
100447	Benzyl chloride	121697	N,N-Diethyl aniline (N,N-Dimethylaniline)
92524	Biphenyl	64675	Diethyl sulfate
117817	Bis(2-ethylhexyl)phthalate (DEHP)	119904	3,3-Dimethoxybenzidine
542881	Bis(chloromethyl)ether	60117	Dimethyl aminoazobenzene
75252	Bromoform	119937	3,3-Dimethyl benzidine
106945	1-Bromopropane	79447	Dimethyl carbamoyl chloride
106990	1,3-Butadiene	68122	Dimethyl formamide
156627	Calcium cyanamide	57147	1,1-Dimethyl hydrazine
133062	Captan	131113	Dimethyl phthalate
63252	Carbaryl	77781	Dimethyl sulfate
75150	Carbon disulfide	534521	4,6-Dinitro-o-cresol and salts
56235	Carbon tetrachloride	51285	2,4-Dinitrophenol
463581	Carbonyl sulfide	121142	2,4-Dinitrotoluene
120809	Catechol	123911	1,4-Dioxane (1,4-Diethyleneoxide)
133904	Chloramben	122667	1,2-Diphenylhydrazine
57749	Chlordane	106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
7782505	Chlorine	106887	1,2-Epoxybutane
79118	Chloroacetic acid	140885	Ethyl acrylate
532274	2-Chloroacetophenone	100414	Ethyl benzene
108907	Chlorobenzene	51796	Ethyl carbamate (Urethane)
510156	Chlorobenzilate	75003	Ethyl chloride (Chloroethane)
67663	Chloroform	106934	Ethylene dibromide (1,2-Dibromoethane)
107302	Chloromethyl methyl ether	107062	Ethylene dichloride (1,2-Dichloroethane)
126998	Chloroprene	107211	Ethylene glycol
		151564	Ethylene imine (Aziridine)
		75218	Ethylene oxide
		96457	Ethylene thiourea
		75343	Ethylidene dichloride (1,1-Dichloroethane)
		50000	Formaldehyde
		76448	Heptachlor
		118741	Hexachlorobenzene
		87683	Hexachlorobutadiene
		77474	Hexachlorocyclopentadiene
		67721	Hexachloroethane
		822060	Hexamethylene-1,6-diisocyanate
		680319	Hexamethylphosphoramide
		110543	Hexane
		302012	Hydrazine
		7647010	Hydrochloric acid
		7664393	Hydrogen fluoride (hydrofluoric acid)
		123319	Hydroquinone
		78591	Isophorone
		58899	Lindane (all isomers)

108316	Maleic anhydride	79005	1,1,2-Trichloroethane
67561	Methanol	79016	Trichloroethylene
72435	Methoxychlor	95954	2,4,5-Trichlorophenol
74839	Methyl bromide (Bromomethane)	88062	2,4,6-Trichlorophenol
74873	Methyl chloride (Chloromethane)	121448	Triethylamine
71556	Methyl chloroform (1,1,1- Trichloroethane)	1582098	Trifluralin
60344	Methyl hydrazine	540841	2,2,4-Trimethylpentane
74884	Methyl iodide (Iodomethane)	108054	Vinyl acetate
108101	Methyl isobutyl ketone (Hexone)	593602	Vinyl bromide (bromoethene)
624839	Methyl isocyanate	75014	Vinyl chloride
80626	Methyl methacrylate	75354	Vinylidene chloride (1,1-Dichloroethylene)
1634044	Methyl tert butyl ether	1330207	Xylenes (isomers and mixture)
101144	4,4-Methylene bis(2-chloroani- line)	108383	m-Xylenes
75092	Methylene chloride (Dichloromethane)	95476	o-Xylenes
101688	Methylene diphenyl diisocyanate (MDI)	106423	p-Xylenes
101779	4,4-Methylenedianiline	0	Antimony Compounds
91203	Naphthalene	0	Arsenic Compounds (inorganic including arsine)
98953	Nitrobenzene	0	Beryllium Compounds
92933	4-Nitrobiphenyl	0	Cadmium Compounds
100027	4-Nitrophenol	0	Chromium Compounds
79469	2-Nitropropane	0	Cobalt Compounds
684935	N-Nitroso-N-methylurea	0	Coke Oven Emissions
62759	N-Nitrosodimethylamine	0	Cyanide Compounds ¹
59892	N-Nitrosomorpholine	0	Glycol ethers ²
56382	Parathion	0	Lead Compounds
82688	Pentachloronitrobenzene (Quintobenzene)	0	Lead Compounds
87865	Pentachlorophenol	0	Manganese Compounds
108952	Phenol	0	Mercury Compounds
106503	p-Phenylenediamine	0	Fine mineral fibers ³
75445	Phosgene	0	Nickel Compounds
7803512	Phosphine	0	Polycyclic Organic Matter ⁴
7723140	Phosphorus	0	Radionuclides (including radon) ⁵
85449	Phthalic anhydride	0	Selenium Compounds
1336363	Polychlorinated biphenyls (Aroclors)		
1120714	1,3-Propane sultone		
57578	beta-Propiolactone		
123386	Propionaldehyde		
114261	Propoxur (Baygon)		
78875	Propylene dichloride (1,2- Dichloropropane)		
75569	Propylene oxide		
75558	1,2-Propylenimine (2-Methylaziridine)		
91225	Quinoline		
106514	Quinone		
100425	Styrene		
96093	Styrene oxide		
1746016	2,3,7,8-Tetrachlorodibenzop-dioxin		
79345	1,1,2,2-Tetrachloroethane		
127184	Tetrachloroethylene (Perchloroethylene)		
7550450	Titanium tetrachloride		
108883	Toluene		
95807	2,4-Toluene diamine		
584849	2,4-Toluene diisocyanate		
95534	o-Toluidine		
8001352	Toxaphene (chlorinated camphene)		
120821	1,2,4-Trichlorobenzene		

Note: For all listings in this table that contain the word compounds and for glycol ethers, the following applies: Unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical (that is, antimony, arsenic, and the like) as part of that chemical's infrastructure.

¹ X'CN where X-H' or any other group where a formal dissociation may occur, for example, KCN or Ca(CN)₂.

² Includes mono- and diethers of ethylene glycol, diethylene glycol and triethylene glycol R(OCH₂CH₂)_n-OR' where n = 1, 2, or 3; R = Alkyl or aryl groups; R' = R, H, or groups which, when removed, yield glycol ethers with the structure R-(OCH₂CH₂)_n-OH. Polymers and ethylene glycol monobutyl ether are excluded from the glycol category.

³ Includes glass microfibers, glass wool fibers, rock wool fibers, and slag wool fibers, each characterized as respirable (fiber diameter less than three and one-half (3.5) micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) greater than or equal to three (3), as emitted from production of fiber and fiber products.

⁴ Includes organic compounds with more than one (1) benzene ring, and which have a boiling point greater than or equal to one hundred degrees Celsius (100 °C).

⁵ A type of atom which spontaneously undergoes radioactive decay.

AUTHORITY: section 643.050, RSMo Supp. [2013] 2023, and section 643.055, RSMo [2000] 2016. Original rule filed Aug. 16, 1977, effective Feb. 11, 1978. For intervening history, please consult the **Code of State Regulations**. Amended: Filed Sept. 19, 2023.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: The Missouri Air Conservation Commission will hold a public hearing on December 7, 2023, beginning at 9 a.m., at the Elm Street Conference Center, 1730 East Elm Street, Lower Level, Bennett Springs Conference Room, Jefferson City, MO. Public participants of the meeting will also be able to attend via Webex or telephone conference. The commission will provide meeting details in advance on the commission website, <https://dnr.mo.gov/commissions-boards-councils/air-conservation-commission>. A recording of the public hearing meeting will be available at the same website. Opportunity to be sworn in by the court reporter over the phone to give testimony at the hearing shall be afforded to any interested person. Interested persons, whether or not heard, may submit a statement of their views until 5 p.m., December 14, 2023. Send online comments via the proposed rules webpage www.dnr.mo.gov/proposed-rules, email comments to apcprulespn@dnr.mo.gov, or mail written comments to Chief, Air Quality Planning Section, Missouri Department of Natural Resources' Air Pollution Control Program, PO Box 176, Jefferson City, MO 65102-0176.

TITLE 10 – DEPARTMENT OF NATURAL RESOURCES
Division 140 – Division of Energy
Chapter 6 – Missouri Propane Education and Research Program

PROPOSED RESCISSION

10 CSR 140-6.010 Definitions and General Provisions – Membership. This rule described the membership and activities of the Missouri Propane Education and Research Council.

PURPOSE: This rule is being rescinded because the Department of Natural Resources determined that it largely duplicates statutory text.

AUTHORITY: sections 414.500, 414.510, 414.520, 414.530, 414.540, 414.550, 414.560, 414.570, 414.580, and 414.590, RSMo 2016 and RSMo Supp. 2018. This rule originally filed as 10 CSR 140-6.010 and 4 CSR 340-6.010. Original rule filed Feb. 2, 1994, effective July 30, 1994. For intervening history, please consult the **Code of State Regulations**. Rescinded: Filed Oct. 2, 2023.

PUBLIC COST: This proposed rescission will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in

support of or in opposition to this proposed rescission with the Missouri Department of Natural Resources' Division of Energy, PO Box 176, Jefferson City, MO 65102, by fax at (573) 751-6860, or via email at energy@dnr.mo.gov or online at <http://apps5.mo.gov/proposed-rules/welcome.action#OPEN>. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. No public hearing is scheduled.

TITLE 16 – RETIREMENT SYSTEMS
Division 50 – The County Employees' Retirement Fund
Chapter 20 – County Employees' Deferred Compensation Plan

PROPOSED AMENDMENT

16 CSR 50-20.120 Additional Provisions. The board of directors of the County Employees' Retirement Fund is amending sections (1), (2), and (4).

PURPOSE: This amendment permits Roth deferral elections and changes the time at which participant deferral elections may become effective.

(1) The following words and terms, when used in this section, have the meaning set forth below:

(B) Account Balance – The bookkeeping account maintained with respect to each Participant which reflects the value of the deferred Compensation credited to the Participant, including the Participant's Annual Deferrals, the earnings or loss of the Trust Fund (net of Trust Fund expenses) allocable to the Participant, any transfers for the Participant's benefit and any distribution made to the Participant or the Participant's Beneficiary. The Account Balance includes any account established under section (5) for rollover contributions and plan-to-plan transfers made for a Participant. **In addition, a Participant's Roth deferrals pursuant to paragraph (2)(A)2., if any, will be credited to a separate subaccount. The Plan will maintain a record of the amount of Roth deferrals in each Participant's Roth subaccount. Gains, losses, and other credits or charges must be separately allocated on a reasonable and consistent basis to each Participant's Roth subaccount and the Participant's other subaccounts under the Plan. No contributions other than Roth deferrals and any direct rollovers from a designated Roth account and properly attributable earnings will be credited to each Participant's Roth subaccount;**

(2) Participation and contributions shall be in accordance with the following:

(A) Election Required for Participation.

1. An Employee may elect to become a Participant by executing an election to defer a portion of his or her Compensation (and have that amount contributed as an Annual Deferral on his or her behalf) and filing it in accordance with such other applicable Plan terms. This participation election shall be made on the deferral agreement provided by the Administrator under which the Employee agrees to be bound by all the terms and conditions of the Plan. The participation election shall also include designation of investment funds and a designation of Beneficiary. Any such election shall remain in effect until a new election is filed[;].

2. **At the time of a Participant's election to contribute**

his or her Compensation to the Plan, a Participant may irrevocably designate all or a portion of the pre-tax deferrals the Participant is otherwise eligible to make under paragraph (2)(A)1. and the other provisions of the Plan as Roth deferrals. If a Participant makes such an election, such Roth deferrals shall be includible in the Participant's income at the time the Participant would have received that amount in cash if the Participant had not elected to make Roth deferrals. Unless specifically stated otherwise, Roth deferrals will be treated as other (pre-tax) Annual Deferrals for all purposes under the Plan;

(B) Commencement of Participation. An Employee shall become a Participant as soon as administratively practicable following the date the Employee files a participation election pursuant to subsection (2)(A). Such election shall become effective [no earlier than the calendar month following the month in which] as soon as administratively practicable with respect to Compensation provided that the election is made. A new Employee may defer Compensation payable in the calendar month during which the Participant first becomes an Employee if an agreement providing for the deferral is entered into on or before the first day on which the Participant performs services for the Employer] before applicable Compensation is currently available to the Employee;

(E) Amendment of Annual Deferrals Election. Subject to other provisions of the Plan, a Participant may at any time revise his or her participation election, including a change of the amount of his or her Annual Deferrals, his or her investment direction, and his or her designated Beneficiary. A Participant may also designate the Annual Deferrals made on his or her behalf as Roth deferrals or revoke any such designation. A change in the amount of the Annual Deferrals shall take effect [as soon as administratively practicable but not earlier than the first day of the first pay period beginning in]—

1. Except as otherwise determined pursuant to paragraph (2)(E)2., not earlier than the first day of the first pay period beginning in the next calendar year quarter following the receipt of the properly completed Deferral Agreement by the Employer; or

2. If so determined by the county clerk of the Employer, [the calendar month] following receipt of the properly completed Deferral Agreement by the Employer, as soon as administratively practicable, provided that the agreement is made before applicable Compensation is currently available to the Employee. A change in the investment direction shall take effect as of the date provided by the Administrator on a uniform basis for all Employees. A change in the Beneficiary designation shall take effect when the election is accepted by the Administrator;

(4) Benefit distributions shall be in accordance with the following:

(K) Rollover Distributions.

1. A [d]Distributee who is entitled to an eligible rollover distribution may elect, at the time and in the manner prescribed by the Administrator, to have all or any portion of the distribution paid directly to an eligible retirement plan specified by the [d]Distributee in a direct rollover.

2. For purposes of this subsection (4)(K), an eligible rollover distribution means any distribution of all or any portion of a Participant's Account Balance, determined in accordance with applicable law and the terms of the Plan, except that an eligible rollover distribution does not include—

A. Any installment payment under subsection (4)(C) for a period of ten (10) years or more;

B. Any distribution made under subsection (4)(I) as a

result of an unforeseeable emergency; or

C. For any other distribution, the portion, if any, of the distribution under section 401(a)(9) of the Code. In addition, an eligible retirement plan means an individual retirement account described in section 408(a) of the Code, an individual retirement annuity described in section 408(b) of the Code, a qualified trust described in section 401(a) of the Code, an annuity plan described in section 403(a) or 403(b) of the Code, an eligible government plan described in section 457(b) of the Code, that accepts the eligible rollover distribution, or, effective January 1, 2008, a Roth IRA described under section 408A of the Code, to the extent permitted by applicable law. If any portion of an eligible rollover distribution is attributable to payments or distributions from a Participant's Roth subaccount, an eligible retirement plan with respect to such portion shall include only another designated Roth account of the Participant (from whose account the payments or distributions were made) or a Roth IRA of such Participant.

3. A "[d]Distributee" means a Participant or the spouse of a deceased Participant. Effective January 1, 2007, a Participant's designated non-spouse Beneficiary may be a [d]Distributee but only with respect to an eligible retirement plan that is an individual retirement account described in Code section 408(a) or an individual retirement annuity described in Code section 408(b).

AUTHORITY: section 50.1300, RSMo 2016. Original rule filed Nov. 10, 2005, effective May 30, 2006. For intervening history, please consult the Code of State Regulation. Amended: Filed Sept. 27, 2023.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with The County Employees' Retirement Fund, 2121 Schotthill Woods Drive, Jefferson City, MO 65101. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

TITLE 19 – DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 30 – Division of Regulation and Licensure Chapter 1 – Controlled Substances

PROPOSED AMENDMENT

19 CSR 30-1.002 Schedules of Controlled Substances. The department is amending section (1).

PURPOSE: This amendment updates the Schedules of Controlled Substances to be consistent with 21 CFR Part 1308.

PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. This material as incorporated by reference in this rule shall be maintained by the agency

at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. The entire text of the rule is printed here..

(1) Schedules of Controlled Substances.

(A) Schedule I shall consist of the drugs and other substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this section. Each drug or substance has been assigned the Drug Enforcement Administration (DEA) Controlled Substances Code Number set forth opposite it.

1. Opiates. Unless specifically excepted or unless listed in another schedule, any of the following opiates, including their isomers, esters, ethers, salts, and salts of isomers, esters, and ethers, whenever the existence of such isomers, esters, ethers, and salts is possible within the specific chemical designation:

A. Acetyl-alpha-methylfentanyl (N-(1-(1-methyl-2-phenethyl)-4-piperidinyl)-N-phenylacetamide)	9815
B. Acetylmethadol	9601
C. Acetyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylacetamide)	9821
D. N-(1-phenethylpiperidin-4-yl)-N-phenylacrylamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other names: acryl fentanyl, acryloylfentanyl)	9811
E. AH-7921(3,4-dichloro-N-[(1-dimethylamino)cyclohexylmethyl]benzamide)	9551
F. Allylprodine	9602
G. Alphacetylmethadol (except levoalphacetylmethadol also known as levo-alpha-acetylmethadol levothadyl acetate or LAAM)	9603
H. Alphameprodine	9604
I. Alphamethadol	9605
J. Alpha-methylfentanyl (N-1-(alphamethyl-beta-phenyl) ethyl-4-piperidyl) propionanilide; 1-(1-methyl-2-phenylethyl)-4 ((N-propanilido) piperidine)	9814
K. Alpha-methylthiofentanyl (N-(1-methyl-2-(2-thienyl) ethyl-4-piperidinyl)-N-phenylpropanamide)	9832
L. Benzethidine	9606
M. Betacetylmethadol	9607
N. Beta-hydroxyfentanyl (N-(1-(2-hydroxy-2-phenethyl)-4-piperidinyl)-N-phenylpropanamide)	9830
O. Beta-hydroxy-3-methylfentanyl (other name: N-(1-(2-hydroxy-2-phenethyl)-3-methyl-4-piperidinyl)-N-phenylpropanamide)	9831
P. N-[1-[2-hydroxy-2-(thiophen-	

2-yl) ethyl]piperidin-4-yl]-N-phenylpropionamide (other names: beta-hydroxythiofentanyl)	9836
Q. Betameprodine	9608
R. Betamethadol	9609
S. beta-Methyl fentanyl (N-phenyl-N-(1-(2-phenylpropyl)piperidin-4-yl) propionamide (Other name: beta-methyl fentanyl)	9856
T. beta'-Phenyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N,3-diphenylpropanamide (other names: beta'-phenyl fentanyl; 3-phenylpropanoyl Fentanyl)	9842
U. Betaprodine	9611
V. Brorphine (1-(1-(1-(4-bromophenyl) ethyl)piperidin-4-yl)-1,3-dihydro-2H-benzo[d]imidazol-2-one)	9098
W. Butyryl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylbutyramide)	9822
[V.]X. Clonitazene	9612
[W.]Y. Crotonyl fentanyl ((E)-N-(1-phenethylpiperidin-4-yl)-N-phenylbut-2-enamide)	9844
[X.]Z. N-(1-phenethylpiperidin-4-yl)-N-Phenylcyclopentanecarboxamide (other name: cyclopentyl fentanyl)	9847
[Y.]AA. Cyclopropyl fentanyl (N-(1-phenethylpiperidin-4-yl)-N-phenylcyclopropanecarboxamide)	9845
[Z.]BB. Dextromoramide	9613
[AA.]CC. Diampromide	9615
[BB.]DD. Diethylthiambutene	9616
[CC.]EE. Difenoxin	9168
[DD.]FF. Dimenoxadol	9617
[EE.]GG. Dimepheptanol	9618
[FF.]HH. Dimethylthiambutene	9619
[GG.]II. Dioxaphetyl butyrate	9621
[HH.]JJ. Dipipanone	9622
[II.]KK. Ethylmethylthiambutene	9623
[JJ.]LL. Etonitazene	9624
[KK.]MM. Etoxidine	9625
[LL.]NN. Fentanyl carbamate (ethyl (1-phenethylpiperidin-4-yl) (phenyl)carbamate)	9851
[MM.]OO. N-(4-fluorophenyl)-N-(1-phenethylpiperidin-4-yl)isobutyramide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other names: 4-fluoroisobutyryl fentanyl, para-fluoroisobutyryl fentanyl)	9824
[NN.]PP. 2'-Fluoro ortho-fluorofentanyl (N-(1-(2-fluorophenethyl) piperidin-4-yl)-N-(2-fluorophenyl)	

propionamide (other names: 2'-fluoro 2-fluorofentanyl)	9855	[KKK.]NNN. <i>ortho</i> -Fluorofentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)propionamide); other name: 2-fluorofentanyl)	9816
[OO.]QQ. <i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenylfuran-2-carboxamide (other names: furanyl fentanyl)	9834	[LLL.]OOO. <i>ortho</i> -Fluoroisobutyryl fentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)isobutyramide)	9853
[PP.]RR. Furethidine	9626	[MMM.]PPP. <i>ortho</i> -Methyl acetylfentanyl (<i>N</i> -(2-methylphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)acetamide (other name: 2-methyl acetylfentanyl)	9848
[QQ.]SS. Hydroxypethidine	9627	[NNN.]QQQ. <i>ortho</i> -Methyl methoxyacetyl fentanyl (2-methoxy- <i>N</i> -(2-methylphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)acetamide (other name: 2-methyl methoxyacetyl fentanyl)	9820
[RR.]TT. <i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenylisobutyramide (other name: isobutyryl fentanyl)	9827	[OOO.]RRR. <i>N</i> -(4-chlorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)isobutyramide (other name: para-chloroisobutyryl fentanyl)	9826
[SS.]UU. Isotonitazene (<i>N,N</i> -diethyl-2-(2-(4-isopropoxybenzyl)-5-nitro-1 <i>H</i> -benzimidazol-1-yl)ethan-1-amine)	9614	[PPP.]SSS. <i>para</i> -Fluorobutyryl fentanyl (<i>N</i> -(4-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)butyramide)	9823
[TT.]VV. Ketobemidone	9628	[QQQ.]TTT. <i>para</i> -[f]Fluorofentanyl(<i>N</i> -(4-fluorophenyl)- <i>N</i> -(1-(2-phenethyl)-4-piperidinyl)propanamide)	9812
[UU.]VW. Levomoramide	9629	[RRR.]UUU. <i>para</i> -Fluoro furanyl fentanyl (<i>N</i> -(4-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)furan-2-carboxamide)	9854
[VV.]XX. Levophenacylmorphane	9631	[SSS.]VVV. <i>para</i> -Methoxybutyryl fentanyl (<i>N</i> -(4-methoxyphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)butyramide)	9837
[WW.]YY. Methoxyacetyl fentanyl (2-methoxy- <i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenylacetamide)	9825	[TTT.]WWW. <i>para</i> -Methylfentanyl (<i>N</i> -(4-methylphenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)propionamide (other name: 4-methylfentanyl)	9817
[XX.]ZZ. 4'-Methyl acetyl fentanyl (<i>N</i> -(1-(4-methylphenethyl) piperidin-4-yl)- <i>N</i> -phenylacetamide)	9819	[UUU.]XXX. PEPAP (1-(2-phenethyl)-4-phenyl-4-acetoxypiperidine)	9663
[YY.]AAA. 3-Methylfentanyl (<i>N</i> -(3-methyl-1-(2-phenylethyl)-4-piperidyl)- <i>N</i> -phenylpropanamide), its optical and geometric isomers, salts, and salts of isomers	9813	[VVV.]YYY. Phenadoxone	9637
[ZZ.]BBB. 3-Methylthiofentanyl (<i>N</i> -(3-methyl-1-(2-thienyl)ethyl-4-piperidinyl)- <i>N</i> -phenylpropanamide)	9833	[WWW.]ZZZ. Phenampromide	9638
CCC. Metonitazene (<i>N,N</i>-diethyl-2-(2-(4-methoxybenzyl)-5-nitro-1<i>H</i>-benzimidazol-1-yl)ethan-1-amine)	9757	[XXX.]AAA. Phenomorphan	9647
[AAA.]DDD. Morpheridine	9632	[YYY.]BBB. Phenoperidine	9641
[BBB.]EEE. MPPP (1-methyl-4-phenyl-4-propionoxypiperidine)	9661	[ZZZ.]CCCC. Phenyl fentanyl (<i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenylbenzamide (other name: benzoyl fentanyl)	9841
[CCC.]FFF. MT-45 (1-cyclohexyl-4-(1,2-diphenylethyl) piperazine)	(9560)	[AAAA.]DDDD. Piritramide	9642
[DDD.]GGG. Noracymethadol	9633	[BBBB.]EEEE. Proheptazine	9643
[EEE.]HHH. Norlevorphanol	9634		
[FFF.]III. Normethadone	9635		
[GGG.]JJJ. Norpiperone	9636		
[HHH.]KKK. <i>N</i> -(2-fluorophenyl)-2-methoxy- <i>N</i> -(1-phenethylpiperidin-4-yl)acetamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other name: ocfentanyl)	9838		
[III.]LLL. <i>ortho</i> -Fluoroacryl fentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)acrylamide)	9852		
[JJJ.]MMM. <i>ortho</i> -Fluorobutyryl fentanyl (<i>N</i> -(2-fluorophenyl)- <i>N</i> -(1-phenethylpiperidin-4-yl)butyramide (other name: 2-fluorobutyryl fentanyl)	9846		

[CCCC.]FFFF. Properidine	9644	A. Butyryl fentanyl (<i>N</i> - (1-phenethylpiperidin-4-yl)- <i>N</i> -phenylbutyramide)	9822
[DDDD.]GGGG. Propiram	9649	B. U-47700 (3,4-Dichloro- <i>N</i> -[2-(dimethylamino) cyclohexyl]- <i>N</i> - methylbenzamide)	9547
[EEEE.]HHHH. Racemoramide	9645	C. <i>N</i> -(1-phenethylpiperidin- 4-yl)- <i>N</i> -phenylpentanamide (other name: valeryl fentanyl)	9840]
[FFFF.]IIII. <i>N</i> -(1-phenethylpiperidin-4-yl)- <i>N</i> -phenyltetrahydrofuran- 2-carboxamide, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (other name: tetrahydrofuranyl fentanyl)	9843	[4.]3. Hallucinogenic substances. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture or preparation, which contains any quantity of the following hallucinogenic substances or which contains any of its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation (For purposes of paragraph (1)(A)/4.]3. of this rule only, the term isomer includes the optical, position, and geometric isomers.):	
[GGGG.]JJJJ. Thiofentanyl (<i>N</i> -phenyl- <i>N</i> -(1-(2-thienyl)ethyl-4- piperidinyl)-propanamide	9835	A. Alpha-ethyltryptamine	7249
[HHHH.]KKKK. Thiofuranyl fentanyl (<i>N</i> -(1-phenethylpiperidin- 4-yl)- <i>N</i> -phenylthiophene- 2-carboxamide (other names: 2-thiofuranyl fentanyl; thiophene fentanyl)	9839	Some trade or other names: etryptamine; Monase; alpha- ethyl-1H-indole-3-ethenamine; 3-(2-aminobutyl)indole; alpha- ET; and AET;	
[IIII.]LLLL. Tilidine	9750	B. 4-bromo-2,5-dimethoxyamphetamine	7391
[JJJJ.]MMMM. Trimeperidine	9646	Some trade or other names: 4-bromo-2, 5- dimethoxy-a- methylphenethylamine; 4-bromo- 2, 5-DMA;	
NNNN. U-47700 (3,4-Dichloro- <i>N</i> -[2-(dimethylamino) cyclohexyl]- <i>N</i> - methylbenzamide)	9547	C. 4-bromo-2,5-dimethoxyphenethylamine	7392
OOOO. <i>N</i> -(1-phenethylpiperidin- 4-yl)- <i>N</i> -phenylpentanamide (other name: valeryl fentanyl)	9840	D. 2,5-dimethoxyamphetamine	7396
PPPP. Zipeprol (1-methoxy-3-[4- (2-methoxy-2-phenylethyl) piperazin-1-yl]-1-phenylpropan-2-ol)	9873	Some trade or other names: 2,5-dimethoxy- amethylphenethylamine; 2,5-DMA;	
2. Opium derivatives. Unless specifically excepted or unless listed in another schedule, any of the following opium derivatives, its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:		E. 2,5-dimethoxy-4-ethylamphetamine	7399
A. Acetorphine	9319	Some trade or other names: DOET;	
B. Acetyldihydrocodeine	9051	F. 2,5-dimethoxy-4-(n)-propylthiophenethylamine (other name: 2C-T-7)	7348
C. Benzylmorphine	9052	G. 2-(2,5-Dimethoxy-4-(n)-propylphenyl) ethanamine (2C-P)	7524
D. Codeine methylbromide	9070	H. 2-(2,5-Dimethoxy-4-ethylphenyl) ethanamine (2C-E)	7509
E. Codeine-N-Oxide	9053	I. 2-(2,5-Dimethoxy-4-methylphenyl) ethanamine (2C-D)	7508
F. Cyprenorphine	9054	J. 2-(2,5-Dimethoxy-4-nitro- phenyl) ethanamine (2C-N)	7521
G. Desomorphine	9055	K. 2-(2,5-Dimethoxyphenyl) ethanamine (2C-H)	7517
H. Dihydromorphine	9145	L. 2-(4-Chloro-2,5-dimethoxyphenyl) ethanamine (2C-C)	7519
I. Drotebanol	9335	M. 2-(4-Ethylthio-2,5-dimethoxyphenyl) ethanamine (2C-T-2)	7385
J. Etorphine (except hydrochloride salt)	9056	N. 2-(4-Iodo-2,5-dimethoxyphenyl) ethanamine (2C-I)	7518
K. Heroin	9200	O. 2-(4-Isopropylthio)-2,5-dimethoxyphenyl) ethanamine (2C-T-4)	7532
L. Hydromorphanol	9301	P. 4-methoxyamphetamine	7411
M. Methyldesorphine	9302	Some trade or other names: 4-methoxy- amethylphenethylamine; paramethoxyamphetamine; PMA;	
N. Methyldihydromorphine	9304	Q. 5-methoxy-3,4- methylenedioxyamphetamine	7401
O. Morphine methylbromide	9305	R. 4-methyl-2,5-dimethoxyamphetamine	7395
P. Morphine methylsulfonate	9306	Some trade and other names: 4-methyl-2, 5- dimethoxy-a- methylphenethylamine; DOM; and STP;	
Q. Morphine-N-Oxide	9307	S. 3,4-methylenedioxyamphetamine	7400
R. Myrophine	9308	T. 3,4-methylenedioxyametham- phetamine(MDMA)	7405
S. Nicocodeine	9309	U. 3,4-methylenedioxy- <i>N</i> - ethylamphetamine (also known as <i>N</i> -ethylalpha-	
T. Nicomorphine	9312		
U. Normorphine	9313		
V. Pholcodine	9314		
W. Thebacon	9315		
[3. Opiate Similar Synthetic Substances. Substances scheduled by the United States Drug Enforcement Administration as substances that share a pharmacological profile similar to fentanyl, morphine, and other synthetic opioids, unless specifically excepted or unless listed in another schedule. These substances are—			

methyl-3,4 (methylenedioxy) phenethylamine, <i>N</i> -ethyl MDA, MDE, and MDEA)	7404	(1-phenylcyclohexyl) ethylamine, <i>N</i> -(1-phenylcyclohexyl)-ethylamine, cyclohexamine, PCE;	
V. <i>N</i> -hydroxy-3,4-methylenedioxyamphetamine (also known as <i>N</i> -hydroxy-alpha-methyl-3,4 (methylenedioxy) phenethylamine and <i>N</i> -hydroxy MDA)	7402	PP. Pyrrolidine analog of phencyclidine	7458
W. 3,4,5-trimethoxyamphetamine	7390	Some trade or other names: 1-(1-phenylcyclohexyl)-pyrrolidine PCPy, PHP;	
X. 5-MeO-DMT or 5-methoxy- <i>N,N</i> -dimethyltryptamine	7431	QQ. Thiophene analog of phencyclidine	7470
Y. Alpha-methyltryptamine	7432	Some trade or other names: 1-(1-(2-thienyl)-cyclohexyl)-piperidine, 2-thienyl analog of phencyclidine, TPCP, TCP;	
Z. Bufotenine	7433	RR. 1-(1-(2-thienyl)cyclohexyl) pyrrolidine	7473
Some trade and other names: 3-(<i>b</i> -Dimethylaminoethyl)-5-hydroxyindole; 3-(2-dimethylaminoethyl)-5-indolol; <i>N,N</i> -dimethylserotonin; 5-hydroxy- <i>N,N</i> -dimethyltryptamine; mappine;		Some other names: TCPy;	
AA. Diethyltryptamine	7434	SS. <i>Salvia divinorum</i>	
Some trade and other names: <i>N,N</i> -Diethyltryptamine; DET;		TT. Salvinorin A	
BB. Dimethyltryptamine	7435	UU. 3-Fluoromethcathinone	1233
Some trade or other names: DMT;		VV. 4-Fluoromethcathinone	1238
CC. 5-methoxy- <i>N,N</i> -diisopropyltryptamine (other name: 5-MeODIPT)	7439	WW. Mephedrone, or 4-methylmethcathinone	1248
DD. Ibogaine	7260	XX. Methylenedioxy-pyrovalerone, MDPV, or (1-(1,3-Benzodioxol-5-yl)-2-(1-pyrrolidinyl)-1-pentanone	7535
Some trade and other names: 7-Ethyl- 6,6 β ,7,8,9,10,12,13-octahydro-2-methoxy-6, 9-methano-5H-pyrido [1',2':1,2]azepino[5,4- <i>b</i>] indole; <i>Tabernanthe iboga</i> ;		YY. Methylone, or 3,4-Methylenedioxy-methcathinone	7540
EE. Lysergic acid diethylamide	7315	ZZ. Quinolin-8-yl 1-pentyl-1Hindole-3-carboxylate (PB-22; QUPIC)	7222
FF. Marihuana	7360	AAA. Quinolin-8-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate (5-fluoro-PB-22; 5F-PB-22)	7225
Some trade or other names: marijuana;		BBB. <i>N</i> -(1-amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1Hindazole-3-carboxamide (AB-FUBINACA)	7012
GG. Mescaline	7381	CCC. <i>N</i> -(1-amino-3, 3-dimethyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide (ADB-PINACA)	7035
HH. Parahexyl	7374	DDD. (1-pentyl-1H-indol-3-yl) (2,2,3,3-tetramethylcyclopropyl) methanone (other names: UR-144, 1-pentyl-3-(2,2,3,3-tetramethylcyclopropyl)indole)	7144
Some trade or other names: 3-Hexyl-1- hydroxy-7,8,9,10-tetrahydro-6,6,9-trimethyl- 6H-dibenzo[<i>b,d</i>]pyran; Synhexyl;		EEE. [1-(5-fluoro-pentyl)-1Hindol-3-yl](2,2,3,3-tetramethylcyclopropyl) methanone (other names: 5-fluoro-UR-144, 5-F-UR-144, XLR11, 1-(5-fluoropentyl)-3-(2,2,3,3-tetramethylcyclopropyl)indole)	7011
II. Peyote	7415	FFF. <i>N</i> -(1-adamantyl)-1-pentyl-1Hindazole-3-carboxamide (other names: APINACA, AKB48)	7048
Meaning all parts of the plant presently classified botanically as <i>Lophophora williamsii</i> Lemaire, whether growing or not; the seeds thereof; any extract from any part of such plant; and every compound, manufacture, salt, derivative, mixture, or preparation of such plant, its seeds, or extracts;		GGG. 2-(4-iodo-2,5-dimethoxyphenyl)- <i>N</i> -(2-methoxybenzyl)ethanamine (other names: 251-NBOMe; 2C-I-NBOMe; 251; Cimbi-5)	7538
JJ. <i>N</i> -ethyl-3-piperidyl benzilate	7482	HHH. 2-(4-chloro-2,5-dimethoxyphenyl)- <i>N</i> -(2-methoxybenzyl)ethanamine (other names: 25C-NBOMe; 2C-C-NBOMe;	
KK. <i>N</i> -methyl-3-piperidyl benzilate	7484		
LL. Psilocybin	7437		
MM. Psilocyn	7438		
NN. Tetrahydrocannabinols naturally contained in a plant of the genus <i>Cannabis</i> (<i>cannabis</i> 7370 plant), as well as synthetic equivalents of the substances contained in the <i>cannabis</i> plant or in the resinous extractives of such plant, and/or synthetic substances, derivatives, and their isomers, or both, with similar chemical structure and pharmacological activity to those substances contained in the plant, such as the following:			
(I) 1 <i>cis</i> or <i>trans</i> tetrahydrocannabinol and their optical isomers;			
(II) 6 <i>cis</i> or <i>trans</i> tetrahydrocannabinol and their optical isomers;			
(III) 3,4 <i>cis</i> or <i>trans</i> tetrahydrocannabinol and its optical isomers; and			
(IV) Since nomenclature of these substances is not internationally standardized, compounds of these structures, regardless of numerical designation of atomic positions are covered;			
OO. Ethylamine analog of phencyclidine	7455		
Some trade or other names: <i>N</i> -ethyl-1- phenylcyclohexylamine,			

25C; Cimbi-82)	7537	1H-indazole-3-carboxamido)-3,3-dimethylbutanoate (other names: 5F-ADB; 5F-MDMB-PINACA)	7034
III. 2-(4-bromo-2,5-dimethoxyphenyl)-N-(2-methoxybenzyl)ethanamine (other names: 25B-NBOMe; 2C-B-NBOMe; 25B; Cimbi-36)	7536	WWW. methyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3-methylbutanoate (other names: 5F-AMB)	7033
III. 4-methyl-N-ethylcathinone (other names: 4-MEC; 2-(ethylamino)-1-(4-methylphenyl)propan-1-one)	1249	XXX. N-(adamantan-1-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide (other names: 5F-APINACA, 5F-AKB48)	7049
KKK. 4-methyl- α -pyrrolidinopropiophenone, (other names: 4-MePPP; MePPP; 4-methyl- α -pyrrolidinopropiophenone; 1-(4-methylphenyl)-2-(pyrrolidin-1-yl)propan-1-one)	7498	YYY. N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide (other names: ADB-FUBINACA)	7010
LLL. <i>alpha</i> -pyrrolidinopentio-phenone (other names: α -PVP; α -pyrrolidinovalerophenone; 1-phenyl-2-(pyrrolidin-1-yl)pentan-1-one)	7545	ZZZ. methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate (other names: MDMB-CHMICA, MMB-CHMINACA)	7042
MMM. Butylone (other names: bk-MBDB; 1-(1,3-benzodioxol-5-yl)-2-(methylamino)butan-1-one)	7541	AAAA. methyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate (other names: MDMB-FUBINACA)	7020
NNN. Pentadrone (other names: α -methylaminovalerophenone; 2-(methylamino)-1-phenylpentan-1-one)	1246	BBBB. methyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3-methylbutanoate (other names: FUB-AMB, MMB-FUBINACA, AMB-FUBINACA)	(7021)
OOO. Pentylone (other names: bk-MBDP; 1-(1,3-benzodioxol-5-yl)-2-(methylamino)pentan-1-one)	7542	CCCC. 1-(1,3-benzodioxol-5-yl)-2-(ethylamino)propan-1-one (ethylone)	7547
PPP. Naphyrone (other names: naphthylpyrovalerone; 1-(naphthalen-2-yl)-2-(pyrrolidin-1-yl)pentan-1-one)	1258	DDDD. Naphthalen-1-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate (other names: NM2201; CBL2201)	7221
QQQ. <i>alpha</i> -pyrrolidinobutio-phenone (other names: α -PBP; 1-phenyl-2-(pyrrolidin-1-yl)butan-1-one)	7546	EEEE. N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide (other name: 5F-AB-PINACA)	7025
RRR. N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide (other names: AB-CHMINACA)	7031	FFFF. 1-(4-cyanobutyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide (other names: 4-CN-CUMYLBUTINACA; 4-cyano-CUMYL-BUTINACA; 4-CN-CUMYLBINACA; CUMYL-4CNBINACA; SGT-78)	7089
SSS. N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide (other names: AB-PINACA)	7023	GGGG. methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3-methylbutanoate (other names: MMB-CHMICA; AMB-CHMICA)	7044
TTT. [1-(5-fluoropentyl)-1H-indazol-3-yl](naphthalen-1-yl)methanone (other names: THJ-2201)	7024	HHHH. 1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-pyrrolo[2,3-b]pyridine-3-carboxamide (other name: 5F-CUMYL-P7AICA)	7085
UUU. N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide (other names: MAB-CHMINACA; ADB-CHMINACA)	7032	IIII. N-ethylpentylone (other names: ephylone, 1-(1,3-benzodioxol-5-yl)-2-	
VVV. methyl 2-(1-(5-fluoropentyl)-			

(ethylamino)-pentan-1-one	7543
JJJJ. methyl 2-(1-(4-fluorobutyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate (4F-MDMB-BINACA, 4F-MDMB-BUTINACA)	7043
KKKK. 1-(4-methoxyphenyl)-N-methylpropan-2-amine (other names: <i>para</i> -methoxymethamphetamine, PMMA)	1245
LLLL. ethyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate (other name: 5F-EDMB-PINACA)	7036
MMMM. methyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3,3-Dimethylbutanoate (other names: 5F-MDMB-PICA; 5F-MDMB-2201)	7041
NNNN. N-(adamantan-1-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide (other names: FUB-AKB48; FUB-APINACA; AKB48 N-(4-FLUOROBENZYL))	7047
OOOO. 1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide (other names: 5F-CUMYL-PINACA; SGT-25)	7083
PPPP. (1-(4-fluorobenzyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone (other name: FUB-144)	7014
QQQQ. <i>N</i> -Ethylhexedrone (other names: α -ethylaminohexanophenone; 2-(ethylamino)-1-phenylhexan-1-one)	7246
RRRR. <i>alpha</i> -Pyrrolidinohexanophenone (other names: α -PHP; α -pyrrolidinohexanophenone; 1-phenyl-2-(pyrrolidin-1-yl)hexan-1-one)	7544
SSSS. 4-Methyl- <i>alpha</i> -ethylaminopentiophenone (other names: 4-MEAP; 2-(ethylamino)-1-(4-methylphenyl)pentan-1-one)	7245
TTTT. 4'-Methyl- <i>alpha</i> -pyrrolidinohexiophenone (other names: MPHP; 4'-methyl- <i>alpha</i> -pyrrolidinohexanophenone; 1-(4-methylphenyl)-2-(pyrrolidin-1-yl)hexan-1-one)	7446
UUUU. <i>alpha</i> -Pyrrolidinoheptaphenone (other names: PV8; 1-phenyl-2-(pyrrolidin-1-yl)heptan-1-one)	7548
VVVV. 4'-Chloro- <i>alpha</i> -pyrrolidinovalerophenone (other names: 4-chloro- α -PVP; 4'-chloro- α -pyrrolidinopentiophenone; 1-(4-chlorophenyl)-2-(pyrrolidin-1-yl) pentan-1-one)	7443
WWWW. 2-(ethylamino)-2-(3-methoxyphenyl)cyclohexan-1-one (methoxetamine, MXE)	7286
XXXX. 1-(1,3-benzodioxol-5-yl)-2-9 (ethylamino)butan-1-one (other names: eutylone; bk-EBDB)	7549

Unless specifically exempted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances, or which contains their salts, isomers, and salts of isomers whenever the

existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

(I) Any compound structurally derived from 3-(1-naphthoyl)indole or 1Hindol-3-yl-(1-naphthyl)methane by substitution at the nitrogen atom of the indole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent, whether or not substituted in the naphthyl ring to any extent. Including, but not limited to:

- (a) AM2201, or 1-(5-fluoropentyl)-3-(1-naphthoyl)indole 7201
- (b) JWH-007, or 1-pentyl-2-methyl-3-(1-naphthoyl)indole
- (c) JWH-015, or 1-propyl-2-methyl-3-(1-naphthoyl)indole
- (d) JWH-018, or 1-pentyl-3-(1-naphthoyl)indole 7118
- (e) JWH-019, or 1-hexyl-3-(1-naphthoyl)indole 7019
- (f) JWH-073, or 1-butyl-3-(1-naphthoyl)indole 7173
- (g) JWH-081, or 1-pentyl-3-(4-methoxy-1-naphthoyl)indole 7081
- (h) JWH-098, or 1-pentyl-2-methyl-3-(4-methoxy-1-naphthoyl)indole
- (i) JWH-122, or 1-pentyl-3-(4-methyl-1-naphthoyl)indole 7122
- (j) JWH-164, or 1-pentyl-3-(7-methoxy-1-naphthoyl)indole
- (k) JWH-200, or 1-(2-(4-(morpholinyl)ethyl))-3-(1-naphthoyl)indole 7200
- (l) JWH-210, or 1-pentyl-3-(4-ethyl-1-naphthoyl)indole
- (m) JWH-398, or 1-pentyl-3-(4-chloro-1-naphthoyl)indole 7398

(II) Any compound structurally derived from 3-(1-naphthoyl)pyrrole by substitution at the nitrogen atom of the pyrrole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the pyrrole ring to any extent, whether or not substituted in the naphthyl ring to any extent;

(III) Any compound structurally derived from 1-(1-naphthylmethyl)indene by substitution at the 3-position of the indene ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indene ring to any extent, whether or not substituted in the naphthyl ring to any extent;

(IV) Any compound structurally derived from 3-phenylacetylindole by substitution at the nitrogen atom of the indole ring with alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(N-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent, whether or not substituted in the phenyl ring to any extent. Including, but not limited to:

- (a) JWH-201, or 1-pentyl-3-(4-methoxyphenylacetyl)indole
- (b) JWH-203, or 1-pentyl-3-(2-chlorophenylacetyl)indole 7203
- (c) JWH-250, or 1-pentyl-3-(2-methoxyphenylacetyl)indole 6250
- (d) JWH-251, or 1-pentyl-3-(2-methylphenylacetyl)indole

(e) RCS-8, or 1-(2-cyclohexylethyl)-3-(2-methoxyphenyl-lacetyl)indole 7008

(V) Any compound structurally derived from 2-(3-hydroxycyclohexyl)phenol by substitution at the 5-position of the phenolic ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not substituted in the cyclohexyl ring to any extent. Including, but not limited to:

(a) CP 47,497 & homologues, or 2-[(1*R*,3*S*)-3-hydroxycyclohexyl]-5-(2-methyloctan-2-yl)phenol, where side chain *n*=5, and homologues where side chain *n*=4, 6, or 7 7297, 7298

(VI) Any compound containing a 3- (benzoyl)indole structure with substitution at the nitrogen atom of the indole ring by alkyl, haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, 1-(*N*-methyl-2-piperidinyl)methyl or 2-(4-morpholinyl)ethyl group, whether or not further substituted in the indole ring to any extent and whether or not substituted in the phenyl ring to any extent. Including, but not limited to:

(a) AM-694, or 1-(5-fluoropentyl)-3-(2-iodobenzoyl)indole 7694

(b) RCS-4, or 1-pentyl-3-(4-methoxybenzoyl)indole (SR-19 and RCS-4) 7104

(VII) CP 50,556-1, or [(6*S*,6*aR*,9*R*,10*aR*)-9-hydroxy-6-methyl-3-[(2*R*)-5-phenylpentan-2-yl]oxy-5,6,7,8,9,10,10a-octahydrophenanthridin-1-yl] acetate;

(VIII) HU-210, or (6*aR*,10*aR*)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6*a*,7,10,10*a*-tetrahydrobenzo[*c*]chromen-1-ol;

(IX) HU-211, or Dexanabinol,(6*aS*,10*aS*)-9-(hydroxymethyl)-6,6-dimethyl-3-(2-methyloctan-2-yl)-6*a*,7,10,10*a*-tetrahydrobenzo[*c*]chromen-1-ol;

(X) Dimethylheptylpyran, or DMHP.

[5.4]. Depressants. Unless specifically excepted or unless listed in another schedule, any material compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system, including its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

- A. Gamma-hydroxybutyric acid and other names GHB; gamma-hydroxybutyrate; 4-hydroxybutyrate; 4-hydroxybutonic acid; sodium oxybate; sodium oxybutyrate 2010
- B. Meclizolone 2572
- C. Methaqualone 2565

[6.5]. Stimulants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system, including its salts, isomers, and salts of isomers:

- A. Amineptine (7-[(10,11-dihydro-5*H*-dibenzo[*a,d*]cyclohepten-5-yl)amino]heptanoic acid) 1219**

[A.1B.] Aminorex 1585

Some trade or other names: aminoxaphen; 2-amino-5-phenyl-2-oxazoline; 4,5-dihydro-5-phenyl-2-oxazolamine;

[B.1C.] *N*-benzylpiperazine (some other names: BZP, 1-benzylpiperzaine) 7493

[C.1D.] Cathinone (Some trade or other names: 2-amino-1-phenyl-1-propanone,

alphaaminopropiophenone, 2-aminopropiophenone and norephedrone) 1235

[D.1E.] 4,4'-Dimethylaminorex (4,4'-DMAR; 4,5-dihydro-4-methyl-5-(4-methylphenyl)-2-oxazolamine; 4-methyl-5-(4-methylphenyl)-4,5-dihydro-1,3-oxazol-2-amine) 1595

[E.1F.] Fenethylline 1503

G. Mesocarb (*N*-phenyl-*N'*-(3-(1-phenylpropan-2-yl)-1,2,3-oxadiazol-3-ium-5-yl)carbamide) 1227

[F.1H.] Methcathinone 1237

Some trade or other names: 2-(methylamino)-propionophenone; alpha-(methylamino) propionophenone; 2-(methylamino)-1-phenylpropan-1-one; alpha-*N*-methylaminopropionophenone; monomethylpropion; ephedrone; *N*-methylcathinone; methylcathinone; AL-464; AL-422; AL-463 and URI 432;

I. Methiopropamine (*N*-methyl-1-(thiophen-2-yl)propan-2-amine) 1478

[G.1J.] 4-methoxymethcathinone

[H.1K.] cis-4-methylaminorex (cis-4,5-dihydro-4-methyl-5-phenyl-2-oxazolamine) 1590

[I.1L.] 4-Methyl-alpha-pyrrolidinobutiophenone, or MPBP

[J.1M.] *N*-ethylamphetamine 1475

[K.1N.] *N,N*-dimethylamphetamine 1480

(some other names: *N,N*-alpha-trimethylbenzeneethanamine; *N,N*-alpha-trimethylphenethylamine)

[7.16.] A temporary listing of substances subject to emergency scheduling under federal law shall include any material, compound, mixture, or preparation which contains any quantity of the following substances:

- A. Fentanyl-related substances, their isomers, esters, ethers, salts, and salts of isomers, esters, and ethers. 9850

(I) Fentanyl-related substance means any substance not otherwise listed under another Administration Controlled Substance Code Number, and for which no exemption or approval is in effect under section 505 of the Federal Food, Drug, and Cosmetic Act 21 U.S.C. 355, that is structurally related to fentanyl by one (1) or more of the following modifications:

(a) Replacement of the phenyl portion of the phenethyl group by any monocycle, whether or not further substituted in or on the monocycle;

(b) Substitution in or on the phenethyl group with alkyl, alkenyl, alkoxy, hydroxyl, halo, haloalkyl, amino, or nitro groups;

(c) Substitution in or on the piperidine ring with alkyl, alkenyl, alkoxy, ester, ether, hydroxyl, halo, haloalkyl, amino, or nitro groups;

(d) Replacement of the aniline ring with any aromatic monocycle whether or not further substituted in or on the aromatic monocycle; and/or

(e) Replacement of the *N*-propionyl group by another acyl group.

[B. 1-(1-(1-(4-bromophenyl) ethyl)piperidin-4-yl)-1, 3-dihydro-2*H*-benzo[*d*]imidazol- 2-one, its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers (Other names: bromphine; -[1-[1-(4-bromophenyl) ethyl]-4-piperidinyl]-1,3-dihydro-2*H*-benzimidazol-2-one) 9098]

[C. 1B.] 2-(2-(4-butoxybenzyl)-5-nitro-1*H*-

benzimidazol-1-yl)-*N,N*-diethylethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Butonitazene) 9751

[D.]C. 2-(2-(4-ethoxybenzyl)-1*H*-benzimidazol-1-yl)-*N,N*-diethylethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other names: Etodesnitazene; etazene) 9765

[E.]D. *N,N*-diethyl-2-(2-(4-fluorobenzyl)-5-nitro-1*H*-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Flunitazene) 9756

[F.]E. *N,N*-diethyl-2-(2-(4-methoxybenzyl)-1*H*-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Metodesnitazene) 9764

[G.] *N,N*-diethyl-2-(2-(4-methoxybenzyl)-5-nitro-1*H*-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Metonitazene) 9757]

[H.]F. 2-(4-ethoxybenzyl)-5-nitro-1-(2-(pyrrolidin-1-yl)ethyl)-1*H*-benzimidazole, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other names: N-pyrrolidino etonitazene; etonitazepyne) 9758

[I.]G. *N,N*-diethyl-2-(5-nitro-2-(4-propoxybenzyl)-1*H*-benzimidazol-1-yl)ethan-1-amine, its isomers, esters, ethers, salts, and salts of isomers, esters and ethers (other name: Protonitazene) 9759

H. 4-(2-chlorophenyl)-2-ethyl-9-methyl-6*H*-thieno[3,2-*f*][1,2,4]triazolo [4,3-*a*][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: etizolam) 2780

I. 8-chloro-6-(2-fluorophenyl)-1-methyl-4*H*-benzo[*f*][1,2,4]triazolo [4,3-*a*][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: flualprazolam) 2785

J. 6-(2-chlorophenyl)-1-methyl-8-nitro-4*H*-benzo[*f*][1,2,4]triazolo [4,3-*a*][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: clonazolam) 2786

K. 8-bromo-6-(2-fluorophenyl)-1-methyl-4*H*-benzo[*f*][1,2,4]triazolo [4,3-*a*][1,4]diazepine, its salts, isomers, and salts of isomers (Other name: flubromazolam) 2788

L. 7-chloro-5-(2-chlorophenyl)-1-methyl-1,3-dihydro-2*H*benzo [*e*][1,4]diazepin-2-one, its salts, isomers, and salts of isomers (Other name: diclazepam) 2789

[8.]7. Khat, to include all parts of the plant presently classified botanically as *catha edulis*, whether growing or not; the seeds thereof; any extract from any part of such plant; and every compound, manufacture, salt, derivative, mixture, or preparation of the plant, its seed, or extracts. 7032

(B) Schedule II shall consist of the drugs and other

substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this section. Each drug or substance has been assigned the Controlled Substances Code Number set forth opposite it.

1. Substances, vegetable origin, or chemical synthesis. Unless specifically excepted or unless listed in another schedule, Schedule II shall include any of the following substances whether produced directly or indirectly by extraction from substances of vegetable origin or independently by means of chemical synthesis or by a combination of extraction and chemical synthesis:

A. Opium and opiate; and any salt, compound, derivative, or preparation of opium or opiate, excluding apomorphine, thebaine-derived butorphanol, dextrophan, nalbuphine, nalmefene, naloxegol, naloxone, and naltrexone and their respective salts, but including the following:

- (I) Raw opium 9600
- (II) Opium extracts 9610
- (III) Opium fluid 9620
- (IV) Powdered opium 9639
- (V) Granulated opium 9640
- (VI) Tincture of opium 9630
- (VII) Codeine 9050
- (VIII) Dihydroetorphine 9334
- (IX) Ethylmorphine 9190
- (X) Etorphine hydrochloride 9059
- (XI) Hydrocodone 9193
- (XII) Hydromorphone 9150
- (XIII) Metopon 9260
- (XIV) Morphine 9300
- (XV) Oripavine 9330
- (XVI) Oxycodone 9143
- (XVII) Oxymorphone 9652
- (XVIII) Thebaine 9333

B. Any salt, compound, derivative, or preparation thereof which is chemically equivalent or identical with any of the substances referred to in subparagraph (I)(B)1.A. of this rule shall be included in Schedule II, except that these substances shall not include the isoquinoline alkaloids of opium;

C. Opium poppy and poppy straw 9650

D. Coca leaves (9040) and any salt, compound, derivative, or preparation of coca leaves (including cocaine (9041) and ecgonine (9180) and their salts, isomers, derivatives, and salts of isomers and derivatives), and any salt, compound, derivative, or preparation thereof which is chemically equivalent or identical with any of these substances, except that the substances shall not include:

(I) Decocainized coca leaves or extraction of coca leaves, which extractions do not contain cocaine or ecgonine; or

(II) Ioflupane;

E. Concentrate of poppy straw (the crude extract of poppy straw in either liquid, solid, or powder form which contains the phenanthrene alkaloids of the opium poppy) 9670

2. Opiates. Unless specifically excepted or unless in another schedule any of the following opiates, including its isomers, esters, ethers, salts, and salts of isomers, esters, and ethers whenever the existence of such isomers, esters, ethers, and salts is possible within the specific chemical designation, dextrophan, and levopropoxyphene excepted:

- A. Alfentanil 9737
- B. Alphaprodine 9010
- C. Anileridine 9020
- D. Bezitramide 9800
- E. Bulk Dextropropoxyphene

(Non-dosage Forms)	9273
F. Carfentanil	9743
G. Dihydrocodeine	9120
H. Diphenoxylate	9170
I. Fentanyl	9801
J. Isomethadone	9226
K. Levo-alphaacetylmethadol	
Some other names: levo-alphaacetylmethadol,	
levomethadyl acetate, LAAM	9648
L. Levomethorphan	9210
M. Levorphanol	9220
N. Metazocine	9240
O. Methadone	9250
P. Methadone-Intermediate,	
4-cyano-2-dimethylamino-	
4,4-diphenyl butane	9254
Q. Moramide-Intermediate, 2-	
methyl-3-morpholino-1,	
1-diphenylpropane-carboxylic acid	9802
R. Oliceridine (N-[(3-methoxythiophen-2-yl)	
methyl] {[2-[(9R)-9-(pyridin-2-yl)-6-oxaspiro	
[4.5]decan-9-yl]ethyl})amine fumarate)	9245
S. Pethidine (Meperidine)	9230
T. Pethidine-Intermediate-A,	
4-cyano-1-methyl-4-phenylpiperidine	9232
U. Pethidine-Intermediate-B,	
ethyl-4-phenylpiperidine-4-carboxylate	9233
V. Pethidine-Intermediate-C, 1-	
methyl-4-phenylpiperidine-	
4-carboxylic acid	9234
W. Phenazocine	9715
X. Piminodine	9730
Y. Racemethorphan	9732
Z. Racemorphan	9733
AA. Remifentanil	9739
BB. Sufentanil	9740
CC. Tapentadol	9780
DD. Thiafentanil	9729

3. Stimulants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system:

A. Amphetamine, its salts, optical isomers, and salts of its optical isomers	1100
B. Lisdexamfetamine, its salts, isomers, and salts of its isomers	1205
C. Methamphetamine, its salts, isomers, and salts of its isomers	1105
D. Phenmetrazine and its salts	1631
E. Methylphenidate	1724

4. Depressants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system, including its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

A. Amobarbital	2125
B. Glutethimide	2550
C. Pentobarbital	2270
D. Phencyclidine	7471
E. Secobarbital	2315

5. Hallucinogenic substances:

A. Nabilone	7379
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Another name for nabilone: (±)trans-3-(1, 1-dimethylheptyl)-6,

6a,7,8,10a-hexahydro-1-hydroxy-6, 6-dimethyl-9H-dibenzo(b,d)pyran-9-one.

B. Dronabinol [(−)-delta-9-*trans* tetrahydrocannabinol] in an oral solution in a drug product approved for marketing by the United States Food and Drug Administration. (7365)

6. Immediate precursors. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances:

A. Immediate precursor to amphetamine and methamphetamine:

(I) Phenylacetone	8501
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Some trade or other names: phenyl-2-propanone; P2P; benzyl methyl ketone; methyl benzyl ketone;

B. Immediate precursors to phencyclidine (PCP):

(I) 1-phenylcyclohexylamine	7460
(II) 1-piperidinocyclohexanecarbonitrile (PCC)	8603

C. Immediate precursor to fentanyl:

(I) 4-anilino- <i>N</i> -phenethyl-4-piperidine (ANPP)	8333
(II) <i>N</i> -phenyl- <i>N</i> -(piperidin-4-yl)propionamide (norfentanyl)	8366

7. Any material, compound, mixture, or preparation which contains any quantity of the following alkyl nitrites:

- A. Amyl nitrite;
B. Butyl nitrite.

(C) Schedule III shall consist of the drugs and other substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this section. Each drug or substance has been assigned the DEA Controlled Substances Code Number set forth opposite it.

1. Stimulants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system, including its salts, isomers (whether optical, position, or geometric), and salts of such isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

A. Those compounds, mixtures, or preparations in dosage unit form containing any stimulant substances listed in Schedule II which compounds, mixtures, or preparations were listed on August 25, 1971, as excepted compounds under 21 CFR 308.32 and any other drug of the quantitative composition shown in that list for those drugs or which is the same except that it contains a lesser quantity of controlled substances

B. Benzphetamine	1228
C. Chlorphentermine	1645
D. Clortermine	1647
E. Phendimetrazine	1615

2. Depressants. Unless specifically excepted or unless listed in another schedule, any material compound, mixture, or preparation which contains any quantity of the following substances having a depressant effect on the central nervous system:

A. Any compound, mixture, or preparation containing –

(I) Amobarbital	2126
(II) Secobarbital	2316
(III) Pentobarbital	2271

or any salt thereof and one (1) or more other active medicinal ingredients which are not listed in any schedule;

B. Any suppository dosage form containing –

(I) Amobarbital	2126
(II) Secobarbital	2316
(III) Pentobarbital	2271
or any salt of any of these drugs and approved by the Food and Drug Administration for marketing only as a suppository;	
C. Any substance which contains any quantity of a derivative of barbituric acid or any salt thereof	2100
D. Chlorhexadol	2510
E. Embutramide	2020
F. Any drug product containing gamma hydroxybutyric acid, including its salts, isomers, and salts of isomer, for which an application is approved under section 505 of the Federal Food, Drug, and Cosmetic Act;	2012
G. Ketamine, its salts, isomer, and salts of isomers (some other names for ketamine: (±)-2-(2-chlorophenyl)-2-(methylamino)-cyclohexanone)	7285
H. Lysergic acid	7300
I. Lysergic acid amide	7310
J. Methyprylon	2575
K. Perampanel, and its salts, isomers, and salts of isomers	2261
L. Sulfondiethylmethane	2600
M. Sulfonethylmethane	2605
N. Sulfonmethane	2610
O. Tiletamine and zolazepam or any salt thereof	7295

Some trade or other names for a tiletaminezolazepam combination product: Telazol.

Some trade or other names for tiletamine: 2-(ethylamino)-2-(2-thienyl)-cyclohexanone.

Some trade or other names for zolazepam: 4-(2-fluorophenyl)-6-8-dihydro-1,3,8-trimethylpyrazolo-(3,4-e) (1,4)-diazepin-7(1H)-one, flupyrzapon.

3. Nalorphine 9400

4. Narcotics drugs. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing limited quantities of any of the following narcotic drugs or any salts thereof:

A. Not more than one and eight tenths grams (1.8gm) of codeine per one hundred milliliters (100 mL) or not more than ninety milligrams (90 mg) per dosage unit, with an equal or greater quantity of an isoquinoline alkaloid of opium 9803

B. Not more than one and eight tenths grams (1.8gm) of codeine per one hundred milliliters (100 mL) or not more than ninety milligrams (90 mg) per dosage unit, with one (1) or more active, nonnarcotic ingredients in recognized therapeutic amounts 9804

C. Not more than one and eight tenths grams (1.8gm) of dihydrocodeine per one hundred milliliters (100 mL) or not more than ninety milligrams (90 mg) per dosage unit, with one (1) or more active, nonnarcotic ingredients in recognized therapeutic amounts 9807

D. Not more than three hundred milligrams (300 mg) of ethylmorphine per one hundred milliliters (100 mL) or not more than fifteen milligrams (15 mg) per dosage unit, with one (1) or more active, nonnarcotic ingredients in recognized therapeutic amounts 9808

E. Not more than five hundred milligrams (500 mg) of opium per one hundred milliliters (100 mL) or per one hundred grams (100 gm) or not more than twenty-five milligrams (25 mg) per dosage unit, with one (1) or more active nonnarcotic ingredients in recognized therapeutic amounts 9809

F. Not more than fifty milligrams (50 mg) of morphine per one hundred milliliters (100 mL) or per one hundred grams (100 gm), with one (1) or more active, nonnarcotic ingredients

in recognized therapeutic amounts 9810

5. Any material, compound, mixture, or preparation containing any of the following narcotic drugs or their salts, as set forth below:

A. Buprenorphine 9064

6. Anabolic steroids. [Unless specially excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing any quantity of the following substances, including its salts, isomers, and salts of isomers whenever the existence of such salts of isomers is possible within the specific chemical designation. DEA has assigned code 4000 for all anabolic steroids. Anabolic steroids. Any drug or hormonal substance, chemically and pharmacologically related to testosterone (other than estrogens, progestins, corticosteroids, and dehydroepiandrosterone) that promotes muscle growth, except an anabolic steroid which is expressly intended for administration through implants to cattle or other nonhuman species and which has been approved by the Secretary of Health and Human Services for that administration. If any person prescribes, dispenses, or distributes such steroid for human use, such person shall be considered to have prescribed, dispensed, or distributed an anabolic steroid within the meaning of this paragraph. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing any quantity of the following substances, including its salts, esters, and ethers:

A. 3β,17β-dihydroxy-5α-androstane

B. 3α,17β-dihydroxy-5α-androstane

C. 5α-androstan-3,17-dione

D. 1-androstenediol (3β,17β-dihydroxy-5α-androst-1-ene)

E. 1-androstenediol (3α,17β-dihydroxy-5α-androst-1-ene)

F. 4-androstenediol (3β,17β-dihydroxy-androst-4-ene)

G. 5-androstenediol (3β,17β-dihydroxy-androst-5-ene)

H. 1-androstenedione ([5α]-androst-1-en-3,17-dione)

I. 4-androstenedione (androst-4-en-3,17-dione)

J. 5-androstenedione (androst-5-en-3,17-dione)

K. Bolasterone (7α,17α-dimethyl-17β-hydroxyandrost-4-en-3-one)

L. Boldenone (17β-hydroxyandrost-1,4-diene-3-one)

M. Boldione (androstra-1,4-diene-3,17-dione)

N. Calusterone (7β,17α-dimethyl-17β-hydroxyandrost-4-en-3-one)

O. Clostebol (4-chloro-17β-hydroxyandrost-4-en-3-one)

P. Dehydrochloromethyltestosterone (4-chloro-17β-hydroxy-17α-methyl-androst-1,4-dien-3-one)

Q. Desoxymethyltestosterone (17α-methyl-5α-androst-2-en-17β-ol) (a.k.a. madol)

R. Δ1-dihydrotestosterone (a.k.a. '1-testosterone')(17β-hydroxy-5α-androst-1-en-3-one)

S. 4-dihydrotestosterone (17β-hydroxy-androstan-3-one)

T. Drostanolone (17β-hydroxy-2α-methyl-5α-androstan-3-one)

U. Ethylestrenol (17α-ethyl-17β-hydroxyestr-4-ene)

V. Fluoxymesterone (9-fluoro-17α-methyl-11β,17β-dihydroxyandrost-4-en-3-one)

W. Formebolone (Formebolone) (2-formyl-17α-methyl-11α,17β-dihydroxyandrost-1,4-dien-3-one)

X. Furazabol (17α-methyl-17β-hydroxyandrostano[2,3-c]-furan)

Y. 13β-ethyl-17β-hydroxygon-4-en-3-one

Z. 4-hydroxytestosterone (4,17β-dihydroxy-androst-4-en-3-one)

AA. 4-hydroxy-19-nortestosterone (4,17β-dihydroxy-

estr-4-en-3-one)
 BB. Mestanolone (17 α -methyl-17 β -hydroxy-5 α -androst-3-one)
 CC. Mesterolone (1 α -methyl-17 β -hydroxy-[5 α]-androst-3-one)
 DD. Methandienone (17 α -methyl-17 β -hydroxyandrost-1,4-dien-3-one)
 EE. Methandriol (17 α -methyl-3 β ,17 β -dihydroxyandrost-5-ene)
 FF. Methasterone (2 α ,17 α -dimethyl-5 α -androst-17 β -ol-3-one)
 GG. Methenolone (1-methyl-17 β -hydroxy-5 α -androst-1-en-3-one)
 HH. 17 α -methyl-3 β ,17 β -dihydroxy-5 α -androstane
 II. 17 α -methyl-3 α ,17 β -dihydroxy-5 α -androstane
 JJ. 17 α -methyl-3 β ,17 β -dihydroxyandrost-4-ene
 KK. 17 α -methyl-4-hydroxyandrolone (17 α -methyl-4-hydroxy-17 β -hydroxyestr-4-en-3-one)
 LL. Methyldienolone (17 α -methyl-17 β -hydroxyestra-4,9(10)-dien-3-one)
 MM. Methyltrienolone (17 α -methyl-17 β -hydroxyestra-4,9,11-trien-3-one)
 NN. Methyltestosterone (17 α -methyl-17-hydroxyandrost-4-en-3-one)
 OO. Mibolerone (7 α ,17 α -dimethyl-17 β -hydroxyestr-4-en-3-one)
 PP. 17 α -methyl- Δ 1-dihydrotestosterone (17 β -hydroxy-17 α -methyl-5 α -androst-1-en-3-one) (a.k.a. 17- α -methyl-1-testosterone)
 QQ. Nandrolone (17 β -hydroxyestr-4-ene-3-one)
 RR. 19-nor-4-androstenediol (3 β ,17 β -dihydroxyestr-4-ene)
 SS. 19-nor-4-androstenediol (3 α ,17 β -dihydroxyestr-4-ene)
 TT. 19-nor-4,9(10)-androstadienedione (estra-4,9(10)-diene-3,17-dione)
 UU. 19-nor-5-androstenediol (3 β ,17 β -dihydroxyestr-5-ene)
 VV. 19-nor-5-androstenediol (3 α ,17 β -dihydroxyestr-5-ene)
 WW. 19-nor-4-androstenedione (estr-4-en-3,17-dione)
 XX. 19-nor-5-androstenedione (estr-5-en-3,17-dione)
 YY. Norbolethone (13 β ,17 α -diethyl-17 β -hydroxygon-4-en-3-one)
 ZZ. Norclostebol (4-chloro-17 β -hydroxyestr-4-en-3-one)
 AAA. Norethandrolone (17 α -ethyl-17 β -hydroxyestr-4-en-3-one)
 BBB. Normethandrolone (17 α -methyl-17 β -hydroxyestr-4-en-3-one)
 CCC. Oxandrolone (17 α -methyl-17 β -hydroxy-2-oxa-[5 α]-androst-3-one)
 DDD. Oxymesterone (17 α -methyl-4,17 β -dihydroxyandrost-4-en-3-one)
 EEE. Oxymetholone (17 α -methyl-2-hydroxymethylene-17 β -hydroxy-[5 α]-androst-3-one)
 FFF. Prostanazol (17 β -hydroxy-5 α -androstano[3,2-*c*]pyrazole)
 GGG. Stanolone (Δ 1-dihydrotestosterone (a.k.a. 1-testosterone)(17 β -hydroxy-5 α -androst-1-en-3-one))
 HHH. Stanozolol (17 α -methyl-17 β -hydroxy-[5 α]-androst-2-en-3,2-*c*]pyrazole)
 III. Stenbolone (17 β -hydroxy-2-methyl-[5 α]-androst-1-en-3-one)
 JJJ. Testolactone (13-hydroxy-3-oxo-13,17-secoandrost-1,4-dien-17-oic acid lactone)
 KKK. Testosterone (17 β -hydroxyandrost-4-en-3-one);

LLL. Tetrahydrogestrinone (13 β ,17 α -diethyl-17 β -hydroxygon-4,9,11-trien-3-one)

MMM. Trenbolone (17 β -hydroxyestr-4,9,11-trien-3-one)
 NNN. Any salt, ester, or isomer of a drug or substance described or listed in this subparagraph, if that salt, ester, or isomer promotes muscle growth except an anabolic steroid which is expressly intended for administration through implants to cattle or other nonhuman species and which has been approved by the Secretary of Health and Human Services for that administration.]

Unless specifically excepted or unless listed in another schedule, any substance meeting the definition of anabolic steroid as set forth in 21 CFR 1300.01, of the August 1, 2023, Code of Federal Regulations, as published by the Office of the Federal Register, National Archives and Records Administration, 700 Pennsylvania Avenue, Washington, DC 20408, which is hereby incorporated by reference and does not include later amendments or additions, including any material, compound, mixture or preparation containing any quantity of the following substances, including its salts, esters, and ethers (4000):

A. 5 α -androst-3,17-dione;
 B. 5 α -androst-3,6,17-trione;
 C. 1-androstenediol (3 β ,17 β -dihydroxy-5 α -androst-1-ene);
 D. 1-androstenediol (3 α ,17 β -dihydroxy-5 α -androst-1-ene);
 E. 4-androstenediol (3 β ,17 β -dihydroxy-androst-4-ene);
 F. 5-androstenediol (3 β ,17 β -dihydroxy-androst-5-ene);
 G. 1-androstenedione (5 α -androst-1-en-3,17-dione);
 H. 4-androstenedione (androst-4-en-3,17-dione);
 I. 5-androstenedione (androst-5-en-3,17-dione);
 J. bolasterone (7 α ,17 α -dimethyl-17 β -hydroxyandrost-4-en-3-one);
 K. boldenone (17 β -hydroxyandrost-1,4-diene-3-one);
 L. boldione (androsta-1,4-diene-3,17-dione);
 M. 6-bromo-androsta-1,4-diene-3,17-dione;
 N. 6-bromo-androst-3,17-dione;
 O. calusterone (7 β ,17 α -dimethyl-17 β -hydroxyandrost-4-en-3-one);
 P. 4-chloro-17 α -methyl-androsta-1,4-diene-3,17 β -diol;
 Q. 4-chloro-17 α -methyl-androst-4-ene-3 β ,17 β -diol;
 R. 4-chloro-17 α -methyl-17 β -hydroxy-androst-4-en-3-one;
 S. 4-chloro-17 α -methyl-17 β -hydroxy-androst-4-ene-3,11-dione;
 T. clostebol (4-chloro-17 β -hydroxy-androst-4-en-3-one);
 U. dehydrochloromethyltestosterone (4-chloro-17 β -hydroxy-17 α -methyl-androst-1,4-dien-3-one);
 V. desoxymethyltestosterone (17 α -methyl-5 α -androst-2-en-17 β -ol) (a.k.a. "madol");
 W. 4-dihydrotestosterone (17 β -hydroxy-androst-3-one);
 X. Δ 1-dihydrotestosterone (a.k.a. "1-testosterone") (17 β -hydroxy-5 α -androst-1-en-3-one);
 Y. 3 β ,17 β -dihydroxy-5 α -androstane;
 Z. 3 α ,17 β -dihydroxy-5 α -androstane;
 AA. 2 α ,17 α -dimethyl-17 β -hydroxy-5 β -androst-3-one;
 BB. drostanolone (17 β -hydroxy-2 α -methyl-5 α -androst-3-one);
 CC. 2 α ,3 α -epithio-17 α -methyl-5 α -androst-17 β -ol;
 DD. estra-4,9,11-triene-3,17-dione;

EE. 13 β -ethyl-17 β -hydroxygon-4-en-3-one;
FF. ethylestrenol (17 α -ethyl-17 β -hydroxyestr-4-ene);
GG. fluoxymesterone (9-fluoro-17 α -methyl-11 β ,17 β -dihydroxyandrost-4-en-3-one);
HH. formebolone (2-formyl-17 α -methyl-11 α ,17 β -dihydroxyandrost-1,4-dien-3-one);
II. furazabol (17 α -methyl-17 β -hydroxyandrostano[2,3-c]furazan);
JJ. [3,2-c]furazan-5 α -androstan-17 β -ol;
KK. 18 α -homo-3-hydroxy-estra-2,5(10)-dien-17-one;
LL. 4-hydroxy-19-nortestosterone (4,17 β -dihydroxy-estr-4-en-3-one);
MM. 4-hydroxy-androst-4-ene-3,17-dione;
NN. 17 β -hydroxy-androstano[2,3-d]isoxazole;
OO. 17 β -hydroxy-androstano[3,2-c]isoxazole;
PP. 3 β -hydroxy-estra-4,9,11-trien-17-one;
QQ. 4-hydroxytestosterone (4,17 β -dihydroxy-androst-4-en-3-one);
RR. mestanolone (17 α -methyl-17 β -hydroxy-5 α -androstan-3-one);
SS. mesterolone (1 α -methyl-17 β -hydroxy-5 α -androstan-3-one);
TT. methandienone (17 α -methyl-17 β -hydroxyandrost-1,4-dien-3-one);
UU. methandriol (17 α -methyl-3 β ,17 β -dihydroxyandrost-5-ene);
VV. methasterone (2 α ,17 α -dimethyl-5 α -androstan-17 β -ol-3-one or 2 α ,17 α -dimethyl-17 β -hydroxy-5 α -androstan-3-one);
WW. methenolone (1-methyl-17 β -hydroxy-5 α -androst-1-en-3-one);
XX. 17 α -methyl-androsta-1,4-diene-3,17 β -diol;
YY. 17 α -methyl-5 α -androstan-17 β -ol;
ZZ. 17 α -methyl-androstan-3-hydroxyimine-17 β -ol;
AAA. 6 α -methyl-androst-4-ene-3,17-dione;
BBB. 17 α -methyl-androst-2-ene-3,17 β -diol;
CCC. 17 α -methyl-3 β ,17 β -dihydroxy-5 α -androstane;
DDD. 17 α -methyl-3 α ,17 β -dihydroxy-5 α -androstane;
EEE. 17 α -methyl-3 β ,17 β -dihydroxyandrost-4-ene;
FFF. 17 α -methyl-4-hydroxynandrolone (17 α -methyl-4-hydroxy-17 β -hydroxyestr-4-en-3-one);
GGG. methyldienolone (17 α -methyl-17 β -hydroxyestra-4,9(10)-dien-3-one);
HHH. 17 α -methyl- Δ 1-dihydrotestosterone (17 β -hydroxy-17 α -methyl-5 α -androst-1-en-3-one) (a.k.a. "17 α -methyl-1-testosterone");
III. methyltestosterone (17 α -methyl-17 β -hydroxyandrost-4-en-3-one);
JJJ. methyltrienolone (17 α -methyl-17 β -hydroxyestra-4,9,11-trien-3-one);
KKK. mibolerone (7 α ,17 α -dimethyl-17 β -hydroxyestr-4-en-3-one);
LLL. nandrolone (17 β -hydroxyestr-4-en-3-one);
MMM. 19-nor-4-androstenediol (3 β ,17 β -dihydroxyestr-4-ene);
NNN. 19-nor-4-androstenediol (3 α ,17 β -dihydroxyestr-4-ene);
OOO. 19-nor-5-androstenediol (3 β ,17 β -dihydroxyestr-5-ene);
PPP. 19-nor-5-androstenediol (3 α ,17 β -dihydroxyestr-5-ene);
QQQ. 19-nor-4,9(10)-androstadienedione (estra-4,9(10)-diene-3,17-dione);
RRR. 19-nor-4-androstenedione (estr-4-en-3,17-dione);
SSS. 19-nor-5-androstenedione (estr-5-en-3,17-dione);

TTT. norbolethone (13 β ,17 α -diethyl-17 β -hydroxygon-4-en-3-one);
UUU. norclostebol (4-chloro-17 β -hydroxyestr-4-en-3-one);
VVV. norethandrolone (17 α -ethyl-17 β -hydroxyestr-4-en-3-one);
WWW. normethandrolone (17 α -methyl-17 β -hydroxyestr-4-en-3-one);
XXX. oxandrolone (17 α -methyl-17 β -hydroxy-2-oxa-5 α -androstan-3-one);
YYY. oxymesterone (17 α -methyl-4,17 β -dihydroxyandrost-4-en-3-one);
ZZZ. oxymetholone (17 α -methyl-2-hydroxymethylene-17 β -hydroxy-5 α -androstan-3-one);
AAAA. prostanazol (17 β -hydroxy-5 α -androstano[3,2-c]pyrazole or [3,2-c]pyrazole-5 α -androstan-17 β -ol);
BBBB. [3,2-c]pyrazole-androst-4-en-17 β -ol;
CCCC. stanozolol (17 α -methyl-17 β -hydroxy-5-androst-2-eno[3,2-c]-pyrazole);
DDDD. stenbolone (17 β -hydroxy-2-methyl-5 α -androst-1-en-3-one);
EEEE. testolactone (13-hydroxy-3-oxo-13,17-secoandrosta-1,4-dien-17-oic acid lactone);
FFFF. testosterone (17 β -hydroxyandrost-4-en-3-one);
GGGG. tetrahydrogestrinone (13 β ,17 α -diethyl-17 β -hydroxygon-4,9,11-trien-3-one); and
HHHH. trenbolone (17 β -hydroxyestr-4,9,11-trien-3-one).

7. Dronabinol (synthetic) in sesame oil and encapsulated in a soft gelatin capsule in a United States Food and Drug Administration approved drug product 7369

(Some other names for dronabinol: (6 α Rtrans)- 6a,7,8,10 α -tetrahydro-6.6.9-trimethyl-3-pentyl-6H-dibenzo (b,d) pyran-1-ol, or (-)-delta-9-(trans)-tetrahydrocannabinol.)

(D) Schedule IV shall consist of the drugs and other substances, by whatever official name, common or usual name, chemical name, or brand name designated, listed in this subsection. Each drug or substance has been assigned the DEA Controlled Substances Code Number set forth opposite it.

1. Narcotic drugs. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation containing limited quantities of any of the following narcotic drugs or any salts thereof:

A. Not more than one milligram (1 mg) of difenoxin (DEA Drug Code No. 9168) and not less than twenty-five micrograms (25 mcg) of atropine sulfate per dosage unit 9167

B. Dextropropoxyphene (alpha-(+)-4-dimethylamino-1,2-diphenyl-3-methyl-2-propionoxybutane) 9278

C. 2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol, its salts, optical and geometric isomers, and salts of these isomers (including tramadol) 9752

D. Narcotic drugs containing nonnarcotic active medicinal ingredients. Any compound, mixture, or preparation containing any of the following limited quantities of narcotic drugs or salts thereof, which shall include one (1) or more nonnarcotic active medicinal ingredients in sufficient proportion to confer upon the compound, mixture, or preparation valuable medicinal qualities other than those possessed by the narcotic drug alone:

(I) Not more than two hundred milligrams (200 mg) of codeine per one hundred milliliters (100 mL) or per one hundred grams (100 gm);

(II) Not more than one hundred milligrams (100 mg) of dihydrocodeine per one hundred milliliters (100 mL) or per one hundred grams (100 gm); or

(III) Not more than one hundred milligrams (100 mg) of ethylmorphine per one hundred milliliters (100 mL) or per one hundred grams (100 gm).

2. Depressants. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts, isomers, and salts of isomers whenever the existence of such salts, isomers, and salts of isomers is possible within the specific chemical designation:

A. Alfaxalone	2731
B. Alprazolam	2882
C. Barbitol	2145
D. Brexanolone	2400
E. Bromazepam	2748
F. Camazepam	2749
G. Carisoprodol	8192
H. Chloral betaine	2460
I. Chloral hydrate	2465
J. Chlordiazepoxide	2744
K. Clobazam	2751
L. Clonazepam	2737
M. Clorazepate	2768
N. Clotiazepam	2752
O. Cloxazolam	2753
P. Daridorexant	2410
Q. Delorazepam	2754
R. Diazepam	2765
S. Dichloralphenazone	2467
T. Estazolam	2756
U. Ethchlorvynol	2540
V. Ethinamate	2545
W. Ethyl loflazepate	2758
X. Fludiazepam	2759
Y. Flunitrazepam	2763
Z. Flurazepam	2767
AA. Fospropofol	2138
BB. Halazepam	2762
CC. Haloxazolam	2771
DD. Ketazolam	2772
EE. Lemborexant	2245
FF. Loprazolam	2773
GG. Lorazepam	2885
HH. Lormetazepam	2774
II. Mebutamate	2800
JJ. Medazepam	2836
KK. Meprobamate	2820
LL. Methohexital	2264
MM. Methylphenobarbital (Mephobarbital)	2250
NN. Midazolam	2884
OO. Nimetazepam	2837
PP. Nitrazepam	2834
QQ. Nordiazepam	2838
RR. Oxazepam	2835
SS. Oxazolam	2839
TT. Paraldehyde	2585
UU. Petrichloral	2591
VV. Phenobarbital	2285
WW. Pinazepam	2883
XX. Prazepam	2764
YY. Quazepam	2881
ZZ. Remimazolam	2846
AAA. Suvorexant	2223
BBB. Temazepam	2925
CCC. Tetrazepam	2886
DDD. Triazolam	2887
EEE. Zaleplon	2781

FFF. Zolpidem 2783

GGG. Zopiclone 2784

[3. *Fenfluramine*. Any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts, isomers (whether optical, position, or geometric), and salts of such isomers, whenever the existence of such salts, isomers, and salts of isomers is possible:

A. *Fenfluramine* 1670J

[4.3. *Lorcaserin*. Any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts, isomers, and salts of isomers, whenever the existence of such salts, isomers, and salts of isomers is possible:

A. *Lorcaserin* 1625

[5.4. *Stimulants*. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system, including its salts, isomers, and salts of isomers:

A. *Cathine ((+)-norpseudoephedrine)* 1230

B. *Diethylpropion* 1610

C. *Fencamfamin* 1760

D. *Fenproporex* 1575

E. *Mazindol* 1605

F. *Mefenorex* 1580

G. *Modafinil* 1680

H. *Pemoline* (including organometallic complexes and chelates thereof) 1530

I. *Phentermine* 1640

J. *Pipradrol* 1750

K. *Serdexmethylphenidate* 1729

L. *Sibutramine* 1675

M. *Solriamfetol* (2-amino-3-phenylpropyl carbamate; benzenepropanol, beta-amino-, carbamate (ester)) 1650

N. *SPA (-)-1-dimethylamino-1,2-diphenylethane* 1635

[6.5. *Other substances*. Unless specifically excepted or unless listed in another schedule, any material, compound, mixture, or preparation which contains any quantity of the following substances, including its salts:

A. *Pentazocine* 9709

B. *Butorphanol* (including its optical isomers) 9720

C. *Eluxadoline* (5-[[[(2S)-2-amino-3-[4-aminocarbonyl]-2,6-dimethylphenyl]-1-oxopropyl] [(1S)-1-(4-phenyl-1H-imidazol-2-yl)ethyl]amino]methyl]-2-methoxybenzoic acid) (including its optical isomers) and its salts, isomers, and salts of isomers 9725

[7.6. *Ephedrine*. Any material, compound, mixture, or preparation which contains any quantity of the following substances having a stimulant effect on the central nervous system including their salts, isomers, and salts of isomers:

A. *Ephedrine* or its salts, optical isomers, or salts of optical isomers as the only active medicinal ingredient or contains ephedrine or its salts, optical isomers, or salts of optical isomers and therapeutically insignificant quantities of another active medicinal ingredient.

AUTHORITY: section 195.015, RSMo Supp. [2022] 2023, and section 195.195, RSMo 2016. Material found in this rule previously filed as 19 CSR 30-1.010. Original rule filed April 14, 2000, effective Nov. 30, 2000. For intervening history, please consult the Code of State Regulations. Emergency amendment filed Sept. 25, 2023, effective Oct. 10, 2023, expires April 6, 2024. Amended: Filed Sept. 5, 2023.

PUBLIC COST: This amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support or in opposition to this proposed amendment with E.J. Jackson, Missouri Department of Health and Senior Services, Bureau of Narcotics and Dangerous Drugs, PO Box 570, Jefferson City, MO 65102, or via email at BNDD@health.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. No public hearing is scheduled.*

This section will contain the final text of the rules proposed by agencies. The order of rulemaking is required to contain a citation to the legal authority upon which the order or rulemaking is based; reference to the date and page or pages where the notice of proposed rulemaking was published in the Missouri Register; an explanation of any change between the text of the rule as contained in the notice of proposed rulemaking and the text of the rule as finally adopted, together with the reason for any such change; and the full text of any section or subsection of the rule as adopted that has been changed from the text contained in the notice of proposed rulemaking. The effective date of the rule shall be not less than thirty (30) days after the date of publication of the revision to the Code of State Regulations.

The agency is also required to make a brief summary of the general nature and extent of comments submitted in support of or opposition to the proposed rule and a concise summary of the testimony presented at the hearing, if any, held in connection with the rulemaking, together with a concise summary of the agency's findings with respect to the merits of any such testimony or comments that are opposed in whole or in part to the proposed rule. The ninety-(90-) day period during which an agency shall file its order of rulemaking for publication in the Missouri Register begins either: 1) after the hearing on the proposed rulemaking is held; or 2) at the end of the time for submission of comments to the agency. During this period, the agency shall file with the secretary of state the order of rulemaking, either putting the proposed rule into effect, with or without further changes, or withdrawing the proposed rule.

TITLE 2 – DEPARTMENT OF AGRICULTURE
Division 30 – Animal Health
Chapter 9 – Animal Care Facilities

ORDER OF RULEMAKING

By the authority vested in the Animal Health Division under section 265.020, RSMo 2016, the division rescinds a rule as follows:

2 CSR 30-9.100 Eurasian, Russian, and Captured Feral Swine Facility Act Definitions is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the Missouri Register on July 3, 2023 (48 MoReg 1180). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the Code of State Regulations.

SUMMARY OF COMMENTS: No comments were received.

TITLE 2 – DEPARTMENT OF AGRICULTURE
Division 30 – Animal Health
Chapter 9 – Animal Care Facilities

ORDER OF RULEMAKING

By the authority vested in the Animal Health Division under

section 265.020, RSMo 2016, the division rescinds a rule as follows:

2 CSR 30-9.110 Feral Swine Confinement Permit and Standards is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the Missouri Register on July 3, 2023 (48 MoReg 1180). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the Code of State Regulations.

SUMMARY OF COMMENTS: No comments were received.

TITLE 5 – DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
Division 20 – Division of Learning Services
Chapter 200 – Office of College and Career Readiness

ORDER OF RULEMAKING

By the authority vested in the State Board of Education (board) under section 170.307, RSMo Supp. 2023, the board amends a rule as follows:

5 CSR 20-200.275 is adopted.

A notice of proposed rulemaking containing the text of the proposed rule was published in the Missouri Register on June 1, 2023 (48 MoReg 955). Those sections with changes are reprinted here. This proposed rule becomes effective thirty (30) days after publication in the Code of State Regulations. This rule sets forth the requirements for section 170.307, RSMo Supp. 2023, pertaining to mental health awareness training in Missouri schools.

SUMMARY OF COMMENTS: The board received forty-three (43) comments on the proposed rule.

COMMENTS #1-#42: The Department of Elementary and Secondary Education (department) received forty-two (42) comments from the Missouri National Education Association (MNEA) which included one (1) comment from President Phil Murray, and forty-one (41) comments from MNEA members. MNEA recommends including mental health professionals and using evidence-based research when developing the training; ensuring the training will align with the department's Social-Emotional Learning (SEL) Standards; and verifying districts offer professional development opportunities and allocate time for educators who will be delivering mental health awareness training.

RESPONSE: With regard to the first recommendation, while this comment is not relevant to the proposed rule, the department can provide that in developing the Missouri K-12 Learning Standards for SEL, mental health professionals acted as stakeholders and relied on evidence-based research. No changes have been made to the rule based on this comment.

With regard to the second recommendation, the department agrees that this clarification is needed. Section (2) has been amended.

With regard to the third recommendation, the department appreciates this comment but believes that it is beyond the scope of rulemaking because the statute does not authorize these recommendations. The department currently offers and funds several professional development opportunities for school staff related to mental health. No changes have been made based on this comment.

COMMENT #43: Natalie Cook, Director of Treatment Integration for the Missouri Behavioral Health Council (MBHC), recommends adding a statement to the rule regarding whether schools are expected to follow a standardized curriculum outlined by the department.

RESPONSE: Per section 170.307.2, RSMo, "Instruction shall be based on a program established by the department" (emphasis added). The department will provide bes-practice curriculum for local education agencies to adopt. No changes have been made based on this comment.

5 CSR 20-200.275 Mental Health Awareness Training

(2) The mental health awareness instruction shall be aligned to Missouri K-12 Learning Standards for Social-Emotional Learning (SEL), Missouri and/or national standards and course level expectations in health education, physical education, and school counseling and shall address the following domains:

- (A) Defining Mental Health;
- (B) Identifying Strategies for Achieving and Maintaining Sound Mental Wellness;
- (C) Decreasing the Stigma of Mental Health Concerns; and
- (D) Recognizing How to Connect to Services When Needed.

**TITLE 11 – DEPARTMENT OF PUBLIC SAFETY
Division 45 – Missouri Gaming Commission
Chapter 10 – Licensee’s Responsibilities**

ORDER OF RULEMAKING

By the authority vested in the Missouri Gaming Commission under section 313.805, RSMo Supp. 2023, the commission rescinds a rule as follows:

11 CSR 45-10.150 Child Care Facilities – License Required is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on June 1, 2023 (48 MoReg 956). No changes have been made to the text of the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The public comment period ended July 1, 2023, and the commission held a public hearing on the proposed rescission on July 6, 2023. No one commented at the public hearing, and no comments were received.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 2 – Income Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under

section 143.961, RSMo 2016, the director amends a rule as follows:

12 CSR 10-2.105 Report of Changes in Federal Income Tax Return is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on June 15, 2023 (48 MoReg 1014-1015). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 2 – Income Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under sections 143.091, 143.401, and 143.581, RSMo 2016, the director amends a rule as follows:

12 CSR 10-2.140 Partnership Filing Requirements is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on June 15, 2023 (48 MoReg 1015). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 6 – Motor Vehicle Fuel Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under sections 142.896.3 and 142.953, RSMo 2016, the director amends a rule as follows:

12 CSR 10-6.030 Motor Fuel Bond Trust Fund is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on June 15, 2023 (48 MoReg 1015-1018). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120.9, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.140 General is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1278). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120.9, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.150 Definitions is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1278). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.160 Exceptions is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1278). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.170 Tax Year is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1278-1279). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.180 Payment is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1279). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.200 Reports, Contents, Date Due is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1279). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.280 Limitations on Collection of Tax, Refunds is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1279). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 9 – Corporation Franchise Tax**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 147.120, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-9.290 Compliance with the American with Disabilities Act is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1280). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 10 – Financial Institutions**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 148.100, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-10.100 Multiple Assessments of Banking Institutions for a Single Year is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1280). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code*

of State Regulations.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 10 – Financial Institutions**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 148.100, RSMo 2016, the director rescinds a rule as follows:

12 CSR 10-10.125 Income Period is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1280). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 23 – Motor Vehicle**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under sections 301.553 and 301.559, RSMo Supp. 2023, and sections 301.114 and 301.221, RSMo 2016, the director amends a rule as follows:

12 CSR 10-23.160 Good Moral Character of Motor Vehicle Dealers, Manufacturers, Boat Dealers, Salvage Dealers, and Title Service Agents is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on June 15, 2023 (48 MoReg 1019). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 23 – Motor Vehicle**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 301.144, RSMo 2016, the director amends a rule as follows:

12 CSR 10-23.185 Obscene License Plates is amended.

A notice of proposed rulemaking containing the text of the

proposed amendment was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1280-1281). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Revenue received no comments during the thirty (30) day review.

**TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 112 – Sales/Use Tax – Contractors**

ORDER OF RULEMAKING

By the authority vested in the Director of Revenue under section 144.270, RSMo 2016, the director adopts a rule as follows:

12 CSR 10-112.020 Solar Photovoltaic Energy Systems Sales Tax Exemption **is adopted**.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on June 15, 2023 (48 MoReg 1019-1024). No changes have been made to the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 13 – DEPARTMENT OF SOCIAL SERVICES
Division 35 – Children’s Division
Chapter 71 – Rules for Residential Treatment
Agencies for Children and Youth**

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, Children’s Division, under sections 207.020 and 660.017, RSMo 2016, the division amends a rule as follows:

13 CSR 35-71.015 Background Checks for Personnel of Residential Care Facilities and Child Placing Agencies **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1281-1282). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 13 – DEPARTMENT OF SOCIAL SERVICES
Division 70 – MO HealthNet Division
Chapter 10 – Nursing Home Program**

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services,

MO HealthNet Division, under sections 208.153, 208.159, 208.201, and 660.017, RSMo 2016, the division adopts a rule as follows:

13 CSR 70-10.020 Prospective Reimbursement Plan for Nursing Facility and HIV Nursing Facility Services **is adopted**.

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1282-1305). No changes have been made to the text of the proposed rule, so it is not reprinted here. This proposed rule becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 13 – DEPARTMENT OF SOCIAL SERVICES
Division 70 – MO HealthNet Division
Chapter 15 – Hospital Program**

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, MO HealthNet Division, under sections 208.201 and 660.017, RSMo 2016, the division amends a rule as follows:

13 CSR 70-15.070 Inpatient Psychiatric Services for Individuals Under Age Twenty-One **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on July 3, 2023 (48 MoReg 1306). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 15 – ELECTED OFFICIALS
Division 40 – State Auditor
Chapter 2 – Rules Applying to State Agencies**

ORDER OF RULEMAKING

By the authority vested in the State Auditor under section 34.125, RSMo 2016, the auditor amends a rule as follows:

15 CSR 40-2.031 Control of Fixed Assets **is amended**.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on July 17, 2023 (48 MoReg 1387). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

This section may contain notice of hearings, correction notices, public information notices, rule action notices, statements of actual costs, and other items required to be published in the *Missouri Register* by law.

**TITLE 19 – DEPARTMENT OF HEALTH AND SENIOR
SERVICES**

**Division 60 – Missouri Health Facilities Review
Committee**

Chapter 50 – Certificate of Need Program

**NOTIFICATION OF REVIEW:
APPLICATION REVIEW SCHEDULE**

The Missouri Health Facilities Review Committee has initiated review of the CON applications listed below. A decision is tentatively scheduled for November 21, 2023. These applications are available for public inspection at the address shown below.

Date Filed

Project Number: Project Name

City (County)

Cost, Description

10/06/2023

#6055 HT: The Children’s Mercy Hospital
Kansas City (Jackson County)
\$2,778,319, Replace PET/CT scanner

10/10/2023

#6049 HT: Mercy Hospital Washington
Washington (Franklin County)
\$2,100,000, Replace linear accelerator

Any person wishing to request a public hearing for the purpose of commenting on these applications must submit a written request to this effect, which must be received by November 10, 2023. All written requests and comments should be sent to:

Chairman
Missouri Health Facilities Review Committee
c/o Certificate of Need Program
3418 Knipp Drive, Suite F
PO Box 570
Jefferson City, MO 65102

For additional information, contact Alison Dorge at alison.dorge@health.mo.gov.

Missouri Department of Revenue

Run Date : 10/1/2023 6:01:25 AM

Taxation Division

EI0130

Show Secretary of State Cover: Yes

Construction Transient Employer Listing

The following is a list of all construction contractors performing work on construction projects in Missouri who are known by the Department of Revenue to be transient employers pursuant to Section 285.230, RSMo. This list is provided as a guideline to assist public bodies with their responsibilities under this section that states, "any county, city, town, village or any other political subdivision which requires a building permit for a person to perform certain construction projects shall require a transient employer to show proof that the employer has been issued a tax clearance and has filed a financial assurance instrument as required by Section 285.230 before such entity issues a building permit to the transient employer."

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
1ST INTERIORS INC	1100 SE WESTBROOKE DR		WAUKEE	IA	50263-8371
2H&V CONSTRUCTION SERVICES LLC	PO BOX 1301		BONIFAY	FL	32425-4301
4MC CORPORATION	8040 JORDAN RD		OAKLEY	IL	62501-6999
4X INDUSTRIAL LLC	800 8TH AVE STE 300		GREELEY	CO	80631-1190
7B BUILDING DEVELOPMENT LLC	13105 COUNTY ROAD 1820		LUBBOCK	TX	79424-8531
A & K CONSTRUCTION SERVICES INC	100 CALLOWAY CT		PADUCAH	KY	42001-9035
A AND M ENGINEERING AND ENVIRONMENTAL SERVICES INC	10010 E 16TH ST		TULSA	OK	74128-4611
A EPSTEIN & SONS INTERNATIONAL INC	600 W FULTON ST STE 800		CHICAGO	IL	60661-1254
A I INTERNATIONAL INC	8055A NATIONAL TPKE		LOUISVILLE	KY	40214-5201
A.J. VENEKLASEN INCORPORATED	5000 KENDRICK ST SE		GRAND RAPIDS	MI	49512-9648
A.W. OAKES AND SON INCORPORATED	2000 OAKES RD		RACINE	WI	53406-4681
AAD CONTRACTING INC	PO BOX 14287		YOUNGSTOWN	OH	44514-7287
ABSOLUTE CONSTRUCTION NW INC	954 KENNEDY AVE		SCHERERVILLE	IN	46375-7100
ACADEMY ROOFING & SHEET METAL OF THE MIDWEST INC	6361 NE 14TH ST		DES MOINES	IA	50313-1212
ACCEL CONSTRUCTION LLC	4015 N WOODLAWN CT STE 1		BEL AIRE	KS	67220-3877
ACCESS RIGGING LLC	514 ANCLOTE RD		TARPON SPGS	FL	34689-6701
ACE AIR CONDITIONING INC	2985 ENTERPRISE RD STE A		DEBARY	FL	32713-2710
ACE AVANT CONCRETE CONSTRUCTION CO INC	PO BOX 14006		ARCHDALE	NC	27263-7006

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Construction Transient Employer Listing

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
ACE SIGN COMPANY	2540 S 1ST ST		SPRINGFIELD	IL	62704-4700
A-CORE CONCRETE CUTTING INC	5360 S RILEY LN		MURRAY	UT	84107-5820
ACRONYM MEDIA INC	350 5TH AVE STE 6500		NEW YORK	NY	10118-6500
ADT SOLAR LLC	1501 W YAMATO RD		BOCA RATON	FL	33431-4438
ADVANCE ELECTRIC INC	353 N INDIANA AVE		WICHITA	KS	67214-4034
ADVANCED PROJECT SOLUTIONS LLC	PO BOX 1770		HIGH SPRINGS	FL	32655-1770
ADVANCED SYSTEMS INC	6627 COMMERCE PKWY		WOODSTOCK	GA	30189-1438
AE MFG INC	6468 N YALE AVE		TULSA	OK	74117-2411
AES MECHANICAL SERVICES GROUP INC	PO BOX 780115		TALLASSEE	AL	36078-0014
AG PROPERTY SOLUTIONS	3826 460TH AVE		EMMETSBURG	IA	50536-8582
AH BECK FOUNDATION CO INC	9014 GREEN RD		CONVERSE	TX	78109-3356
AHTNA DESIGN-BUILD INC	110 W 38TH AVE STE 100H		ANCHORAGE	AK	99503-5677
AIR QUALITY SYSTEMS LLC	207 W MAIN STREET #202		ALLEN	TX	75013
AIRCO SERVICE COMPANY INC	3131 STARLIGHT LN		EDWARDSVILLE	IL	62025-6950
ALDRIDGE ELECTRIC INC	844 E ROCKLAND RD		LIBERTYVILLE	IL	60048-3358
ALL AMERICAN SCAFFOLD LLC	1325 COBB INTERNATIONAL DR NW STE A1		KENNESAW	GA	30152-8243
ALL AMERICAN TRACK INC	PO BOX 186		ASH FORK	AZ	86320-0186
ALL PURPOSE ERECTORS INC	1112 STARLIFTER DR		LEBANON	IL	62254-2724
ALL SERVICE CONTRACTING CORP	2024 E DAMON AVE		DECATUR	IL	62526-4749
ALLIANCE GLAZING TECHNOLOGIES INC.	646 FORESTWOOD DR		ROMEDEVILLE	IL	60446-1378
ALLIANCE RESTORATION LLC	5251 W 116TH PL STE 200		LEAWOOD	KS	66211-2011
ALLIANCE RETAIL CONSTRUCTION INC	5952 CLARK CENTER AVE		SARASOTA	FL	34238-2715

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ALLIED CORROSION INDUSTRIES INC	1550 COBB INDUSTRIAL DR		MARIETTA	GA	30066-6625
ALSTON CONSTRUCTION COMPANY INC	400 CAPITOL MALL STE 2060		SACRAMENTO	CA	95814-4436
ALTERED GROUNDS OUTDOOR SERVICES LLC	4937 REDWOOD LN		GRANITE CITY	IL	62040-2651
AMARBOR SERVICES INC	8500 WHITE TAIL TRL		CHESTER	IL	62233-2838
AMC INSPECTION & LOCATORS LLC	PO BOX 592		BEEBE	AR	72012-0592
AMERICAN CIVIL CONSTRUCTORS WEST COAST LLC	6325 DIGITAL WAY STE 460		INDIANAPOLIS	IN	46278-1679
AMERICAN INDUSTRIAL GROUP LLC	9746 PFLUMM RD		LENEXA	KS	66215-1206
AMERICAN LIFT & SIGN SERVICE COMPANY	6958 N 97TH CIR		OMAHA	NE	68122-1060
AMERICAN ROOFING	2500 S 2ND ST		LEAVENWORTH	KS	66048-4542
AMERICAN SEALANTS INC	2483 RIVERSIDE PKWY		GRAND JCT	CO	81505-1319
AMERICOM WEST INC	2910 WATERS RD STE 170		EAGAN	MN	55121-1587
AMES CONSTRUCTION INC	2500 COUNTY ROAD 42 W		BURNSVILLE	MN	55337-6911
ANAYA RACK INSTALLATIONS INC	96 FERNWOOD RD		MONTGOMERY	IL	60538-2055
ANCHOR SIGN INC	PO BOX 22737		CHARLESTON	SC	29413-2737
ANDREW'S ELECTRIC CO INC	PO BOX 273		GENEVA	NE	68361-0273
ANDRITZ HYDRO CORP.	10735 DAVID TAYLOR DR STE 500		CHARLOTTE	NC	28262-1289
AP FABRICATIONS LLC	801 E 2ND ST		STUTTGART	AR	72160-3836
AP PROFESSIONALS OF PHOENIX LLC	350 LINDEN OAKS		ROCHESTER	NY	14625-2807
APC INDUSTRIAL FLOORING INC	18702 142ND AVE NE		WOODINVILLE	WA	98072-5100
APPLE ELECTRIC INTEGRATED SOLUTIONS INC	PO BOX 998		LOUISBURG	KS	66053-0998
APPLIED KEYSTONE TECHNOLOGIES INC.	820 OLD MOUNT GRETN RD		LEBANON	PA	17042-4848

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APPLIED POLYMERICS INC	131 SAINT JAMES WAY		MOUNT AIRY	NC	27030-6068
ARACREBS1 LLC	PO BOX 1670		SPRINGDALE	AR	72765-1670
ARCHER WESTERN CONTRACTORS LLC	PAYROLL 929 W ADAMS ST		CHICAGO	IL	60607
ARCHITECTURAL FABRICATION INC	2100 E RICHMOND AVE		FORT WORTH	TX	76104-6304
ARCHON CONSTRUCTION CO. INC.	563 S ROUTE 53		ADDISON	IL	60101-4236
ARCHWALL LLC	PO BOX 38		STRAWBERRY PT	IA	52076-0038
ARENA PRODUCTS AND SERVICES LLC	PO BOX 2230		ELIZABETH	CO	80107-2230
ARNDT ENTERPRISES INC	2579 195TH ST		DE WITT	IA	52742-9114
ARVOS LJUNGSTROM LLC	3020 TRUAX RD		WELLSVILLE	NY	14895-9531
ASA CARLTON INC	100 HIGHPOINT PARK WAY		BRASELTON	GA	30517-3326
ASPHALT STONE COMPANY	PO BOX 1060		JACKSONVILLE	IL	62651-1060
ASSOCIATED FIRE PROTECTION	4905 S 97TH ST		OMAHA	NE	68127-2202
ATLANTIC TRACK RUNWAY SERVICES LLC	2903 ARKANSAS BLVD		TEXARKANA	AR	71854-2535
ATLAS LAND CONSULTING LLC	14500 PARALLEL RD STE R		BASEHOR	KS	66007-3001
ATWOOD ELECTRIC INC	PO BOX 311		SIGOURNEY	IA	52591-0311
AUTOBUILDERS GENERAL CONTRACTING SERVICES INC	5715 CORPORATE WAY		WEST PALM BCH	FL	33407-2003
AYARS & AYARS INC	2436 N 48TH ST		LINCOLN	NE	68504-3627
B T GROUP HOLDINGS INC	1717 S BOULDER AVE STE 300		TULSA	OK	74119-4843
B & S STEEL CO. LLC	1604 S AVE		MORNING SUN	IA	52640-9698
B D WELCH CONSTRUCTION LLC	120 INDUSTRIAL STATION RD		STEELE	AL	35987-0017
BACON FARMER WORKMAN ENGINEERING & TESTING INC	500 S 17TH ST		PADUCAH	KY	42003-2819

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BAILEY CONSTRUCTION AND CONSULTING LLC	2200 N RODNEY PARHAM RD STE 206		LITTLE ROCK	AR	72212-4155
BAJA CONSTRUCTION CO INC	223 FOSTER ST		MARTINEZ	CA	94553-1029
BAKER ROOFING COMPANY LLC	517 MERCURY ST		RALEIGH	NC	27603-2341
BANYAN CONSTRUCTION SERVICES LLC	650 PATRICK PL		BROWNSBURG	IN	46112-2110
BARKER CONTRACTING INC.	2127 E SPEEDWAY BLVD STE 101		TUCSON	AZ	85719-4751
BARRIER TECHNOLOGIES LLC	8245 NIEMAN RD		LENEXA	KS	66214-1508
BARTON ELECTRIC CONTRACTING INC	247 STATE ROUTE 160		TRENTON	IL	62293-4667
BASLER ELECTRIC COMPANY	12570 STATE ROUTE 143		HIGHLAND	IL	62249-1074
BAUER DESIGN BUILD LLC	14030 21ST AVE N		PLYMOUTH	MN	55447-4686
BAZIN SAWING & DRILLING LLC	30790 SWITZER RD		LOUISBURG	KS	66053-5903
BEAM TEAM CONSTRUCTION INC	1350 BLUEGRASS LAKES PKWY		ALPHARETTA	GA	30004-3395
BEAR ENERGY SERVICES INC	PO BOX 20554		CHEYENNE	WY	82003
BEL O COOLING & HEATING INC	8478 US HIGHWAY 50		LEBANON	IL	62254-2524
BELL CONSTRUCTION COMPANY INC.	PO BOX 9041		NORTH LITTLE ROCK	AR	72119-9041
BETTIS ASPHALT & CONSTRUCTION INC	PO BOX 1694		TOPEKA	KS	66601-1694
BEUMER CORPORATION	800 APGAR DR		SOMERSET	NJ	08873-1152
BIERMAN CONTRACTING INC	PO BOX 1887		COLUMBUS	NE	68602-1887
BIG RED FIRE PROTECTION LLC	2344 S 156TH CIR		OMAHA	NE	68130-2511
BIRDAIR INC	6461 MAIN ST		WILLIAMSVILLE	NY	14221-5837
BLAHNIK CONSTRUCTION COMPANY	150 50TH AVENUE DR SW		CEDAR RAPIDS	IA	52404-5038
BLANKENSHIP CONSTRUCTION CO	1824 IL ROUTE 140		MULBERRY GRV	IL	62262-3303
BLATTNER ENERGY LLC	392 COUNTY ROAD 50		AVON	MN	56310-8684

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BLCKLN CORPORATION	1902 15TH ST STE 101		GULFPORT	MS	39501-2111
BLD SERVICES LLC	2424 TYLER ST		KENNER	LA	70062-4845
BLUE SKY CONSTRUCTION OF IDAHO LLC	2365 E COLUMBIA RD		MERIDIAN	ID	83642-7211
BLUESTONE LLC	21660 W FIELD PKWY STE 118		DEER PARK	IL	60010-7266
BLUEWATER CONSTRUCTORS INC	PO BOX 55482		HOUSTON	TX	77255-5482
BLUSKY RESTORATION CONTRACTORS LLC	9767 E EASTER AVE		CENTENNIAL	CO	80112-3747
BOB BERGKAMP CONSTRUCTION CO INC	3709 S WEST ST		WICHITA	KS	67217-3898
BOB FLORENCE CONTRACTOR INC	PO BOX 5258		TOPEKA	KS	66605-0258
BOCO CONTRACTING & CONSTRUCTION LLC	PO BOX 638		BRIGHTON	IL	62012-0638
BODINE ELECTRIC OF DECATUR	PO BOX 976		DECATUR	IL	62525-1810
BORCO LLC	850 PEBBLE MOUNTAIN DR		MILLS	WY	82604-8905
BORTON CONSTRUCTION INC	2 COPELAND AVE STE 201		LA CROSSE	WI	54603-3419
BORTON LC	PO BOX 2108		HUTCHINSON	KS	67504-2108
BOUMA CONSTRUCTION INC	4101 ROGER B CHAFFEE MEM DR SE		GRAND RAPIDS	MI	49548-3443
BOUMA FIRE INC	2212 E 39TH ST N		SIOUX FALLS	SD	57104-5409
BRAD MOELLER ELECTRIC INC	461 NW 57TH PLACE		DES MOINES	IA	50313
BRAMSON HOUSE INC	151 ALBANY AVE		FREEPORT	NY	11520-4710
BRANCH BUILDING GROUP LLC	324 MEADOWLAWN DR		FRANKLIN	TN	37064-3206
BRANTLEY CONSTRUCTION LLC	7227 W 162ND TER		STILWELL	KS	66085-8238
BRETT FRITZEL BUILDERS INC	2201 MALLARD CIR		EUDORA	KS	66025-2101
BREWSTER COMPANIES INC	6321 E MAIN ST		MARYVILLE	IL	62062-2014
BROOKS DIRECTIONAL DRILLING LLC	24531 102ND DR		BURDEN	KS	67019-9202

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BROOKS ELECTRICAL	1107 N 1712 RD		LAWRENCE	KS	66049-9714
BROWN ELECTRIC INC	PO BOX 220		GOREVILLE	IL	62939-0220
BROWN TANK LLC	6995 55TH ST N STE A		SAINT PAUL	MN	55128-1726
BRUNAUGH CONSTRUCTION AND DESIGN LLC	PO BOX 394		ALTON	IL	62002-0394
BRYAN-OHLMEIER CONST INC	911 N PEARL ST		PAOLA	KS	66071-1139
BUFFALO GAP INSTRUMENTATION & ELECTRICAL COMPANY I	2532 AYMOND ST		EUNICE	LA	70535-6843
BUILT RIGHT CONSTRUCTION OF OKLAHOMA LLC	PO BOX 366		SAVANNA	OK	74565-0366
BULLEY & ANDREWS MASONRY RESTORATION LLC	1755 W ARMITAGE AVE		CHICAGO	IL	60622-1189
BUTT CONSTRUCTION COMPANY INCORPORATED	PO BOX 31306		DAYTON	OH	45437-0306
CADY AQUASTORE	383 IL HWY 92		TAMPICO	IL	61283
CALEB R WHITE	PO BOX 1881		COLUMBUS	IN	47202-1881
CAM DEVELOPMENT GROUP INC	1891 OLD GRANART RD STE A		SUGAR GROVE	IL	60554-9428
CANNON UTILITY SERVICES LLC	1320 E STATE ROUTE 15		BELLEVILLE	IL	62220-4803
CAPITAL INSULATION INC	3113 SW VAN BUREN ST STE 131		TOPEKA	KS	66611-2467
CAPITOL CONSTRUCTION SERVICES OF INDIANA INC	11051 VILLAGE SQUARE LN		FISHERS	IN	46038-4552
CARDINAL INTERNATIONAL GROOVING & GRINDING LLC	PO BOX 450		CONSHOHOCKE N	PA	19428-0450
CARPORT STRUCTURES CORPORATION	1825 METAMORA RD		OXFORD	MI	48371-2419
CAS CONSTRUCTORS LLC	3500 SW FAIRLAWN RD STE 200		TOPEKA	KS	66614-3979
CASEWORK SOLUTIONS INC	100 NEW CENTURY PKWY STE B		NEW CENTURY	KS	66031-1107

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Contractor Name	Street Address	Street Address 2	City	State	Zip Code
CASEY INDUSTRIAL INC	890 W CHERRY ST		LOUISVILLE	CO	80027-3050
CASH DEPOT LIMITED WISCONSIN	1740 COFRIN DR STE 2		GREEN BAY	WI	54302-2086
CATALYST AIR MANAGEMENT INC	2505 BYINGTON SOLWAY RD		KNOXVILLE	TN	37931-3854
CB INDUSTRIES INC	17250 NEW LENOX RD		JOLIET	IL	60433-9758
CB RECOVERY GROUP INC	1821 WALDEN OFFICE SQ STE 395		SCHAUMBURG	IL	60173-4285
CCC GROUP INC	PO BOX 200350		SAN ANTONIO	TX	78220-0350
CDM CONSTRUCTORS INC	75 STATE ST STE 701		BOSTON	MA	02109-1940
CELLSITE SOLUTIONS LLC	4150 C ST SW		CEDAR RAPIDS	IA	52404-7451
CEMROCK LANDSCAPES INC	4790 S JULIAN AVE		TUCSON	AZ	85714-2123
CENTRAL BUILDING & PRESERVATION LP	1071 W FRY ST		CHICAGO	IL	60642-5422
CENTRAL MILLWRIGHT SERVICE LLC	2040 KENT AVE		GRAND ISLAND	NE	68803-5530
CENTRAL PLAINS ELECTRIC LLC	PO BOX 322		BROOKLAND	AR	72417-0322
CENTRIC SECURITY & AUTOMATION INC	1 REGENCY PLAZA DR STE 300		COLLINSVILLE	IL	62234-6127
CERAM ENVIRONMENTAL INC	7304 W 130TH ST STE 140		OVERLAND PARK	KS	66213-2644
CFE INC	35 INDUSTRIAL PARK BLVD	BOX 1255	ELMIRA	NY	14901-1723
CHAMPAIGN ASPHALT COMPANY LLC	1414 W ANTHONY DR		URBANA	IL	61802-7299
CHAPMAN CANOPY INC	PO BOX 3527		HUEYTOWN	AL	35023-0527
CHARLES F EVANS CO INC	PO BOX 228		ELMIRA	NY	14902-0228
CHARPS LLC	453 TOWER ST NW		CLEARBROOK	MN	56634-4289
CHATTANOOGA BOILER & TANK CO INC	1011 E MAIN STREET		CHATTANOOGA	TN	37408
CHEMPRO SERVICES INC	3311 GULF BREEZE PKWY # 350		GULF BREEZE	FL	32563-3351
CHERNE CONTRACTING CORPORATION	3555 FARNAM ST		OMAHA	NE	68131-3311

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C-HILL CIVIL CONTRACTORS INC	PO BOX 58		CAMPBELL HILL	IL	62916-0058
CJ DRILLING INC	19N041 GALLIGAN RD		DUNDEE	IL	60118-9536
CL CONSTRUCTION LLC	1927 COUNTY ROAD I		WAHOO	NE	68066-4074
CLASSIC PROTECTIVE COATINGS INC	N7670 STATE RD 25		MENOMONIE	WI	54751
CLOVER CONSTRUCTION MANAGEMENT WEST CORP	348 HARRIS HILL RD		WILLIAMSVILLE	NY	14221-7407
CMC ELECTRIC INC	PO BOX 938		MARYVILLE	IL	62062-0938
COACH HOUSE INC	PO BOX 320		ARTHUR	IL	61911
COASTAL ENVIRONMENTAL GROUP INC	7 POLICE PLZ		POTOSI	MO	63664-1877
CODE USA LP	19785 W 12 MILE RD # 335		SOUTHFIELD	MI	48076-2584
COLCON INDUSTRIES CORPORATION	PO BOX 647		SULLIVAN	IL	61951-0647
COLUMBIA CONSTRUCTION INC	PO BOX 445		SPRING HILL	KS	66083-0445
COMBES CONSTRUCTION LLC	6946 W 207TH ST		BUCYRUS	KS	66013-9264
COMMERCE CONSTRUCTION INC	695 N 40TH ST		SPRINGDALE	AR	72762-0602
COMMERCIAL LAWN MANAGEMENT OF WICHITA INC	3215 E 9TH ST N		WICHITA	KS	67208-3024
COMMONWEALTH ELECTRIC COMPANY OF THE MIDWEST	3910 SOUTH ST		LINCOLN	NE	68506-5220
CONCORD TANK CORPORATION	PO BOX 5207		CONCORD	NC	28027-1503
CONCRETE ASPHALT PAVING INC	10709 GOODNIGHT LN		DALLAS	TX	75220-2408
CONCRETE ERECTORS INC.	2139 W STATE ROAD 434 STE 101		LONGWOOD	FL	32779-5019
CONCRETE EXPRESSIONS LLC	291 E GLENN MILLER DR		CLARINDA	IA	51632-2736
CONCRETE SYSTEMS COMPANY LLC	121 EDWARDS DR		JACKSON	TN	38301-7716
CONCRETE UNLIMITED CONSTRUCTION INC	3160 SE 21ST ST		TOPEKA	KS	66607-2515

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CONLEY SITEWORK & UTILITIES INC	PO BOX 715		EUDORA	KS	66025-0715
CONSOLIDATED CONSTRUCTION OF MO CO INC	4300 N RICHMOND ST		APPLETON	WI	54913-9704
CONSOR ENGINEERS LLC	12596 W BAYAUD AVE STE 300		LAKEWOOD	CO	80228-2031
CONSTRUCTION AHEAD EXTERIORS INC	1659 N LANCASTER RD		SOUTH ELGIN	IL	60177-2703
CONSTRUCTION ENTERPRISES INC	2179 EDWARD CURD LN STE 100		FRANKLIN	TN	37067-5789
CONSTRUCTION ONE INC	101 E TOWN ST STE 401		COLUMBUS	OH	43215-5247
CONTEGRA SERVICES LLC	22 GTWAY COMM CTR W 110		EDWARDSVILLE	IL	62025
CONTINENTAL CONSTRUCTION COMPANY OF TENN	5646 SHELBY OAKS DR		MEMPHIS	TN	38134-7315
CONTINENTAL POOLS INC	404 W WILSON ST		OTTAWA	KS	66067-1900
CONTOUR FABRICATION & MECHANICAL INC	PO BOX 4406		EVANSVILLE	IN	47724-0406
CONWAY PHILLIPS HOLDING LLC	13A TALBOT AVE		BRADDOCK	PA	15104-1113
COOPER RAIL SERVICE INC	PO BOX 199		HUNTINGBURG	IN	47542-0199
COOPERS STEEL FABRICATORS	PO BOX 149		SHELBYVILLE	TN	37162-0149
CORNERSTONE FCE SERVICES LLC	8811 TEEL PKWY UNIT 6074		FRISCO	TX	75035-4258
CORRECTIVE ASPHALT MATERIALS LLC	PO BOX 87129		SOUTH ROXANA	IL	62087-7129
CORROTEC INC	1125 W NORTH ST		SPRINGFIELD	OH	45504-2713
CORYELL ROOFING & CONSTRUCTION INC.	14220 S MERIDIAN AVE		OKLAHOMA CITY	OK	73173-8807
COWIN & CO INC MINING ENGINEERS AND CONTRACTORS	PO BOX 19009		BIRMINGHAM	AL	35219-9009
CRADER CONSTRUCTION INC	102 CAVINS RUN		LEBANON	IL	62254-1965
CREEK ELECTRIC INCORPORATED	2811 W PAWNEE ST		WICHITA	KS	67213-1819
CROMWELL ENVIRONMENTAL INC	615 VERMONT ST		LAWRENCE	KS	66044-2251

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CROOKHAM CONSTRUCTION LLC	PO BOX 339		TONGANOXIE	KS	66086-0339
CROWDERGULF LLC	5629 COMMERCE BLVD E		MOBILE	AL	36619-9225
CROWN CORR INC	7100 W 21ST AVE		GARY	IN	46406-2499
CRUX SUBSURFACE INC	4308 N BARKER RD		SPOKANE VALLEY	WA	99027-9600
CSD ENVIRONMENTAL SERVICES INC	2220 YALE BLVD		SPRINGFIELD	IL	62703-3516
CTK INVESTMENTS LLC	10340 W 79TH ST		SHAWNEE	KS	66214
CURRENT ELECTRICAL CO INC	3811 SW SOUTH PARK AVE		TOPEKA	KS	66609-1482
CUSTOM POOL LLC	32 HOWARD DR		BELLEVILLE	IL	62223-4016
CWPMO INC	1682 LANGLEY AVE		IRVINE	CA	92614-5620
D & D INDUSTRIAL CONTRACTING INC	101 MULLEN DR		WALTON	KY	41094-9607
D & L EXCAVATING INC	1958 HIGHWAY 104		LIBERTY	IL	62347-2141
D AND R HEATING AND AIR INC	1943 LEE LN		CENTRALIA	IL	62801-8756
D T READ STEEL CO. INC.	1751 WEST RD		CHESAPEAKE	VA	23323-6430
D5 IRON WORKS INC	18000 JEFFERSON ST		UNION	IL	60180-9440
DADE CONSTRUCTION LLC	6430 OAK GROVE RD		KANSAS CITY	KS	66106-5434
DAHMES STAINLESS INC	526 4TH AVE SW		NEW LONDON	MN	56273
DATA CLEAN CORPORATION	1033 GRACELAND AVE		DES PLAINES	IL	60016-6511
DAVACO LP	4050 VALLEY VIEW LANE	STE 150	IRVING	TX	75038
DAVIS CONSTRUCTION	2143 NE HIGHWAY 7		COLUMBUS	KS	66725-2093
DBK CONSTRUCTION AND SERVICE SOLUTIONS INC	398 S SHELL RD		DEBARY	FL	32713-1822
DBS GROUP LLC	2700 NATIONAL DR STE 101		ONALASKA	WI	54650-6709
DEAN SNYDER CONSTRUCTION CO	PO BOX 181		CLEAR LAKE	IA	50428-0181
DECKER ELECTRIC INC	4500 W HARRY ST		WICHITA	KS	67209-2736

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Contractor Name	Street Address	Street Address 2	City	State	Zip Code
DEFINITIVE HOME AND DESIGN INCORPORATED	1820 ORR LN		O FALLON	IL	62269-6220
DEJAGER CONSTRUCTION INC	75 60TH ST SW		WYOMING	MI	49548-5771
DELAWARE ELEVATOR INC	2210 ALLEN DR		SALISBURY	MD	21801-8059
DELTA CONCRETE AND INDUSTRIAL CONTRACTING INC	51825 GRATIOT AVE		CHESTERFIELD	MI	48051-2014
DENHAM BLYTHE COMPANY INC	PO BOX 11636		LEXINGTON	KY	40576-1636
DENISON DRYWALL CONTRACTING INC	PO BOX 453		DENISON	IA	51442-0453
DF CHASE INC	3001 ARMORY DR STE 200		NASHVILLE	TN	37204-3711
DIAMOND CONSTRUCTION COMPANY	2000 N 18TH ST		QUINCY	IL	62301-1435
DIECKER-TERRY MASONRY INC	11327 EIFF RD		MARISSA	IL	62257-1409
DIGI SECURITY SYSTEMS LLC	PO BOX 470708		TULSA	OK	74147-0708
DIVERSIFIED TRACK WORKS LLC	17671 US HIGHWAY 6		GENESE0	IL	61254-8620
DL SMITH ELECTRICAL CONSTRUCTION INC	1405 SW 41ST ST		TOPEKA	KS	66609-1295
DM2 LLC	1209 COUNTY HIGHWAY J23		CLEARFIELD	IA	50840-8814
DN TANKS OF MISSOURI LLC	11 TEAL RD		WAKEFIELD	MA	01880-1223
DNP PLUMBING SERVICES INC	9384 SCHAEFER RD		STAUNTON	IL	62088-2536
DON ERBERT LLC	220 N HOLIDAY LN		IOLA	KS	66749-1522
DON JULIAN BUILDERS INC	15521 W 110TH ST		LENEXA	KS	66219-1317
DONDLINGER AND SONS CONSTRUCTION CO INC	2656 S SHERIDAN AVE		WICHITA	KS	67217-1341
DONE RITE CONSTRUCTION CO INC	10277 IL ROUTE 101		LITTLETON	IL	61452-4924
DONISOLUTIONSS INC	4720 FOLEY LN		ST. CHARLES	IL	60175-5821
DOOLEY MACK CONSTRUCTORS OF SOUTH CAROLINA LLC	620 DOBBIN RD		CHARLESTON	SC	29414-5585

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DORMARK CONSTRUCTION CO	PO BOX 530		GRIMES	IA	50111-0530
DOSTER CONSTRUCTION COMPANY INC	2100 INTERNATIONAL PARK DR		BIRMINGHAM	AL	35243-4209
DOTSON ELECTRIC COMPANY INC	551 CAL BATSEL RD		BOWLING GREEN	KY	42104-8520
DRC EMERGENCY SERVICES LLC	PO BOX 17017		GALVESTON	TX	77552-7017
DRILLED SHAFT CO	4119 SW SOUTHGATE DR		TOPEKA	KS	66609-1227
DSB DOCK SERVICES LLC	2200 FM 1192		PILOT POINT	TX	76258-2307
DTLS INCORPORATED	PO BOX 1615		BERNALILLO	NM	87004-1615
DUBUQUE BARGE AND FLEETING SERVICE COMPANY	5 JONES ST		DUBUQUE	IA	52001-7674
DUERSON INC	601 1ST AVE N		ALTOONA	IA	50009-1431
DUININCK INC	PO BOX 208		PRINSBURG	MN	56281-0208
DUN TRANSPORTATION & STRINGING INC	304 REYNOLDS LN		SHERMAN	TX	75092-6839
DUNK FIRE & SECURITY INC	3446 WAGON WHEEL RD		SPRINGDALE	AR	72762-0115
DYCKMAN & SCHOMAKER PLUMBING LLC	9311 BODE RD		WORDEN	IL	62097-1627
DYKON BLASTING CORP	8120 W 81ST ST		TULSA	OK	74131-2876
E LIGHT ELECTRIC SERVICES INC.	361 INVERNESS DR S STE B		ENGLEWOOD	CO	80112-5861
E80 PLUS CONSTRUCTORS LLC	7120 PATTON RD		DEFOREST	WI	53532-1836
EAST MUSKEGON ROOFING AND SHEET METAL CO INC	1665 HOLTON RD		MUSKEGON	MI	49445-1450
EBERHART SIGN & LIGHTING CO	104 1ST AVE		EDWARDSVILLE	IL	62025-2574
EBERT CONSTRUCTION CO INC	PO BOX 198		WAMEGO	KS	66547-0198
EBM CONSTRUCTION INC	1014 SHERWOOD RD		NORFOLK	NE	68701-9060
ECKINGER CONSTRUCTION COMPANY	2340 SHEPLER CHURCH AVE SW		CANTON	OH	44706-3093

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EDNA LUMBER CO INC	PO BOX 820		EDNA	TX	77957-0820
EJ SIGN CO LLC	1309 S 204TH ST STE 330		ELKHORN	NE	68022-2880
ELDER JONES INC	1120 E 80TH ST STE 102		MINNEAPOLIS	MN	55420-1498
ELECTRICAL BUILDERS INC	2720 1 1/2 ST S		SAINT CLOUD	MN	56301-3805
ELECTRICO INC	7706 WAGNER RD		MILLSTADT	IL	62260-2910
ELECTRO DOOR SYSTEMS INC	610 S MAIN ST		COLUMBIA	IL	62236-2427
ELEVATOR SAFETY INSPECTION SERVICES INC	415 N MCKINLEY ST STE 685		LITTLE ROCK	AR	72205-3010
ELLIOTT ELECTRICAL INC	22095 INTERSTATE 30 S		BRYANT	AR	72022-8581
ELLSWORTH ELECTRIC INC	4425 N HIGHWAY 81		DUNCAN	OK	73533-8950
EMBREE CONSTRUCTION GROUP INC OF TEXAS	4747 WILLIAMS DR		GEORGETOWN	TX	78633-3799
EMCO CHEMICAL DISTRIBUTORS INC	8601 95TH ST		PLEASANT PRAIRIE	WI	53158-2205
EMERALD TRANSFORMER PPM LLC	7850 COLLIN MCKINNEY PKWY STE 200		MCKINNEY	TX	75070-2141
ENERGY ERECTORS INC	31588 PROGRESS RD		LEESBURG	FL	34748-8781
ENGINEERED AIR BALANCE CO INC	3309 MATRIX DR		RICHARDSON	TX	75082-2736
ENGINEERED FLUID INC	PO BOX 723		CENTRALIA	IL	62801-9111
ENGINEERED STRUCTURES INC	3330 E LOUISE DR STE 300		MERIDIAN	ID	83642-5123
ENGLEWOOD CONSTRUCTION INC	80 MAIN ST		LEMONT	IL	60439-3622
ENVIROCON INC	PO BOX 16655		MISSOULA	MT	59808-6655
ENVIRONMENTAL ACTION INC	PO BOX 1029		JENKS	OK	74037-1029
ENVIRONMENTAL FIELD SERVICES INC	PO BOX 590		BAY SPRINGS	MS	39422-0590
EPOXY KC LLC	PO BOX 861253		SHAWNEE	KS	66286-1253
ERV SMITH SERVICES INC	1225 TRUAX BLVD		EAU CLAIRE	WI	54703-1468

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ESSI LLC	1400 W SHADY GROVE RD		GRAND PRAIRIE	TX	75050-7117
EVCO NATIONAL	PO BOX 407		EAST ALTON	IL	62024-0407
EVERGREEN CAISSONS INC.	PO BOX 172109		DENVER	CO	80217-2109
EVARD COMPANY INCORPORATED	1703 E DEYOUNG ST		MARION	IL	62959-5017
EXCEL CONTRACTORS LLC	8641 UNITED PLAZA BLVD STE 102		BATON ROUGE	LA	70809-7033
EXPLOSIVE PROFESSIONALS LLC	22 AUDREY PLACE		FAIRFIELD	NJ	07004
F & M CONTRACTORS INC	PO BOX 149		CLAYTON	OH	45315-0149
F L CRANE & SONS INC	PO BOX 428		FULTON	MS	38843-0428
FAHRNER ASPHALT SEALERS L.L.C.	2800 MECCA DR		PLOVER	WI	54467-3224
FARABEE MECHANICAL INC	PO BOX 1748		HICKMAN	NE	68372-1748
FARIST INSTALLATION COMPANY LLC	1452 OLD HART RD		LEXINGTON	TN	38351-7986
FARMER EXCAVATING INC	15440 94TH ST		OSKALOOSA	KS	66066-4122
FAUGHN ELECTRIC INC	5980 OLD MAYFIELD RD		PADUCAH	KY	42003-9296
FCL BUILDERS LLC	1150 Spring Lake Dr		Itasca	IL	60143-2066
FEDERAL FIRE AND SECURITY LLC	PO BOX 1782		OWENSBORO	KY	42302-1782
FEDERAL STEEL & ERECTION CO	206 E ALTON AVE		EAST ALTON	IL	62024-1464
FICKETT STRUCTURAL SOLUTIONS INC	3148 DEMING WAY STE 160		MIDDLETON	WI	53562-1486
FIRE & SECURITY SOLUTIONS GROUP INC	11240 STRANG LINE RD		LENEXA	KS	66215-4039
FIRE PROTECTION PROFESSIONALS LLC	1031 OFFICE PARK RD STE 4		WEST DES MOINES	IA	50265-2582
FIRELAKE CONSTRUCTION INC	1011 E 31ST ST		LAWRENCE	KS	66046-5103
FIRELINE SPRINKLER LLC	5036 CLAIREMONT DRIVE		APPLETON	WI	54913
FISHER SMITH INC	1564 HILL TOP RD		COLUMBIA	IL	62236-4536

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FLAME ON INC	12632 WAGNER RD		MONROE	WA	98272-9732
FLEETWOOD SERVICES LLC	4311 WILLOW ST		DALLAS	TX	75226-1131
FLINT ROCK ELECTRIC LLC	14945 CREE RD		WESTMORELAND	KS	66549-9456
FLOCK GROUP INC	1170 HOWELL MILL RD NW		ATLANTA	GA	30318-5566
FLORIAN V. MILLWRIGHT LLC	PO BOX 353		GRAND ISLAND	NE	68802-0353
FLORIDA INSTITUTE OF TECHNOLOGY INC	150 W UNIVERSITY BLVD		MELBOURNE	FL	32901-6975
FLUENT SOLAR LLC	808 E UTAH VALLEY DR		AMERICAN FORK	UT	84003-9707
FORD AUDIO VIDEO SYSTEMS LLC	4800 W I 40 SERVICE RD		OKLAHOMA CITY	OK	73128-1208
FORD CONSTRUCTION COMPANY	PO BOX 527		DYERSBURG	TN	38025-0527
FORT SMITH STRUCTURAL INC	PO BOX 180249		FORT SMITH	AR	72918-0249
FOSTER ROOFING INC	3357 WAGON WHEEL RD		SPRINGDALE	AR	72762-0106
FOUNDATION SERVICE CORP	PO BOX 120		HUDSON	IA	50643-0120
FRANCIS ENERGY MANAGEMENT CO LLC	15 E 5TH ST STE 821		TULSA	OK	74103-4346
FRANK W SCHAEFER INC	1300 GRANGE HALL RD		BEAVERCREEK	OH	45430-1013
FREEDOM CONCRETE LLC	PO BOX 731		DE SOTO	KS	66018-0731
FREEDOM FIRE PRO LLC	811 LESTER LN		ROGERS	AR	72756-9814
FRONTIER MECHANICAL LC	PO BOX 71487		SALT LAKE CTY	UT	84171-0487
FSG FACILITY SOLUTIONS GROUP INC	4401 W GATE BLVD STE 310		AUSTIN	TX	78745-1494
FULSOM BROTHERS INC	PO BOX 522		CEDAR VALE	KS	67024-0522
G & L TANK SANDBLASTING AND COATINGS LLC	2101 HIGHWAY 64 W		SHELBYVILLE	TN	37160-6328
G.A. RICH & SONS INC	PO BOX 50		DEER CREEK	IL	61733-0050
G4CM LLC	5424 SHORELINE DR		MOUND	MN	55364-1631

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GALA SYSTEMS INC	3185 FIRST STREET		ST HUBERT CANADA	QC	J3Y 8Y6
GALLANT CONSTRUCTION COMPANY INC	345 MEMORIAL DR STE B		CRYSTAL LAKE	IL	60014- 6226
GARRISON PLUMBING INC	15430 S MAHAFFIE ST		OLATHE	KS	66062- 2755
GATOR SIGN COMPANY INC	1027 KAREY ANDREWS RD		MCCOMB	MS	39648- 9446
GAYLOR ELECTRIC INC	5750 CASTLE CREEK PARKWAY NORTH DR STE 400		INDIANAPOLIS	IN	46250- 4337
GELLY EXCAVATING & CONSTRUCTION INC	13297 PLOCHER WAY		HIGHLAND	IL	62249- 4543
GEMCO CONSTRUCTORS LLC	6525 GUION RD		INDIANAPOLIS	IN	46268- 4808
GEO CELL SOLUTIONS INC	2668 N FORDHAM AVE		FRESNO	CA	93727- 8603
GEORGE H PASTOR & SONS INC	34018 BEACON ST		LIVONIA	MI	48150- 1533
GERALD N CANDITO CONSTRUCTION CORP	3580 CANTRELL INDUSTRIAL CT NW		ACWORTH	GA	30101- 6401
GERARD TANK & STEEL INC	PO BOX 513		CONCORDIA	KS	66901- 0513
GERARDO OLAGUE- MARTINEZ	2241 S TERRACE DR		WICHITA	KS	67218- 5027
GIBRALTAR CONSTRUCTION COMPANY INC	42 HUDSON ST STE A207		ANNAPOLIS	MD	21401- 8537
GIBSON TECHNICAL SERVICES INC	230 MOUNTAIN BROOK CT		CANTON	GA	30115- 9019
GIFFIN INC	1900 BROWN RD		AUBURN HILLS	MI	48326- 1701
GLASS DESIGN INCORPORATED OF MISSOURI	PO BOX 568		SAPULPA	OK	74067- 0568
GLEESON ASPHALT INC	2800 W MAIN ST		BELLEVILLE	IL	62226- 6612
GLOBAL METALIZING CORPORATION	1125 OLD DIXIE HWY STE 8		LAKE PARK	FL	33403- 2348
GLOBAL SCAFFOLDING & INSULATION LLC	14115 E APACHE ST		TULSA	OK	74116- 1410
GOAL 1 ROOF RESPONSE LLC	14217 W 141ST ST		OLATHE	KS	66062- 6599
GOETTLE EQUIPMENT COMPANY	12071 HAMILTON AVE		CINCINNATI	OH	45231- 1032

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GOODART CONSTRUCTION INC	26685 WAVERLY RD		PAOLA	KS	66071-4135
GORDON ENERGY AND DRAINAGE COMPANY	15735 S MAHAFFIE ST		OLATHE	KS	66062-4038
GOSS FOUNDATIONS INC	1057 BLACKWOOD ST		ALTAMONTE SPG	FL	32701-7705
GRACE CONSTRUCTION COMPANY INC	5100 WHEELIS DRIVE STE 210		MEMPHIS	TN	38117
GRANITE TRANSFORMATIONS	14125 MARSHALL DR		LENEXA	KS	66215-1300
GRAYWOLF INTEGRATED CONSTRUCTION COMPANY	2205 RAGU DR		OWENSBORO	KY	42303-1437
GRAZZINI BROTHERS & COMPANY	1175 EAGAN INDUSTRIAL RD		EAGAN	MN	55121-1205
GREAT LAKES CONCRETE PRODUCTS LLC	4555 134TH AVE		HAMILTON	MI	49419-8579
GREEN SERVICES INC	8550 FOREST BLVD		CASEYVILLE	IL	62232-1212
GREENSCAPE POOLS AND LANDSCAPING LLC	4180 CANAL RD		EDWARDSVILLE	IL	62025-7322
GREINER CONSTRUCTION INC	121 S 8TH ST STE 1200		MINNEAPOLIS	MN	55402-2239
GREYTHON CONSTRUCTION LLC	31 WATER ST		MYSTIC	CT	06355-2568
GRIBBINS INSULATION COMPANY INC	1400 E COLUMBIA ST		EVANSVILLE	IN	47711-5222
GRIFFIN CONTRACT DEWATERING LLC	5306 CLINTON DR		HOUSTON	TX	77020-7912
GROOM CONSTRUCTION CO INC	96 SWAMPSCOTT RD		SALEM	MA	01970-1795
GRUS INC	3209 E 3RD AVE		TAMPA	FL	33605-5711
GUS CONST CO INC	PO BOX 77		CASEY	IA	50048-0077
GUTHRIE INDUSTRIAL COATING INC	1400 POLK ST		GREAT BEND	KS	67530-3619
GUY HOPKINS CONSTRUCTION INC	13855 W AMBER AVE		BATON ROUGE	LA	70809-5440
H & H SYSTEMS & DESIGN INC	135 W MARKET ST		NEW ALBANY	IN	47150-3561
H AND M CONSTRUCTION CO INC	PO BOX 200		JACKSON	TN	38302-0200
H E SCOTT INC	4264 WINTERS CHAPEL RD # D		DORAVILLE	GA	30360-3197

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HABASIT AMERICA INC	2670 LEISCZS BRIDGE RD UNIT 200		LEESPORT	PA	19533-9433
HABCO INC	248 E BERG RD		SALINA	KS	67401-8907
HAIER PLUMBING & HEATING INC	301 N ELKTON ST		OKAWVILLE	IL	62271-1896
HALEY CONSTRUCTION INC	9 AVIATOR WAY		ORMOND BEACH	FL	32174-2983
HALEY DEAN LLC	4645 S 1575 E		OGDEN	UT	84403-4392
HALL CONTRACTING OF KENTUCKY INC	PO BOX 37270		LOUISVILLE	KY	40233-7270
HANNA DESIGN GROUP INC	1955 W DOWNER PL		AURORA	IL	60506-4384
HANSEN RICE INC	1717 E CHISHOLM DR		NAMPA	ID	83687-6846
HANSON LANDSCAPE DESIGN & INSTALL INC	PO BOX 307		BIG ROCK	IL	60511-0307
HARBOUR CONSTRUCTION INC	2717 S 88TH ST		KANSAS CITY	KS	66111-1757
HARCO SERVICES LLC	PO BOX 2347		KENNESAW	GA	30156-9105
HAROLD COFFEY CONSTRUCTION CO INC	P.O. BOX 300		HICKMAN	KY	42050
HARPER MINING LLC	101 SW ADAMS ST STE 230		PEORIA	IL	61602-1335
HARRISON WESTERN CONSTRUCTION CORPORATION	1208 QUAIL STREET		LAKEWOOD	CO	80215
HARVEY NASH INC	1700 STATE ROUTE 23 STE 100		WAYNE	NJ	07470-7529
HASTCO INC	2801 NW BUTTON RD		TOPEKA	KS	66618-1457
HAWKEYE INSULATION SPECIALISTS INC	755 64TH AVENUE CT SW STE A		CEDAR RAPIDS	IA	52404-7001
HD PAINTING AND STAIN LLC	1201 STATE STREET RD		BELLEVILLE	IL	62220-2855
HEALY CONSTRUCTION SERVICES INC	14000 KEELER AVE		CRESTWOOD	IL	60418-2352
HEARTLAND CONTRACTING SERVICES INC	PO BOX 119		WELLSTON	OK	74881-0119
HEARTLAND FINISHES INC.	1305 NE BROADWAY AVE		DES MOINES	IA	50313-2437

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HEARTLAND WINDOW TREATMENTS INC	1305 NE 46TH AVE		DES MOINES	IA	50313-2669
HEARTSTONE INC	2707 W DOUGLAS AVE		WICHITA	KS	67213-2606
HEIDELBERG ENGINEERING INC	10 FORGE PKWY STE 1		FRANKLIN	MA	02038-3137
HEINEN CUSTOM OPERATIONS INC	PO BOX 182		VALLEY FALLS	KS	66088-0182
HEINTZ POOL & SPA COMPANY	453 MARKETPLACE DR		FREEBURG	IL	62243-4076
HELFRICH PAINTING COMPANY	2014 STATE ST STE 215		GRANITE CITY	IL	62040-4642
HICKEY CONTRACTING COMPANY	PO BOX 68		KEOKUK	IA	52632-0068
HIGH CONCRETE GROUP LLC	PO BOX 10008		LANCASTER	PA	17605-0008
HIGHLAND STEEL ERECTORS INC	PO BOX 590		HELENWOOD	TN	37755-0590
HILLARD ELECTRIC INC	11855 WHITE CREEK AVE NE		CEDAR SPRINGS	MI	49319-9417
HINDERLITER CONSTRUCTION INC	3601 N SAINT JOSEPH AVE		EVANSVILLE	IN	47720-1351
HOFFMANN SILO CORPORATION	6001 49TH ST S		MUSCATINE	IA	52761-1153
HOHL INDUSTRIAL SERVICES INC	770 RIVERVIEW BLVD		TONAWANDA	NY	14150-7880
HOLDER CONSTRUCTION GROUP LLC	3300 RIVERWOOD PKWY SE STE 1200		ATLANTA	GA	30339-3967
HOLLAND CONSTRUCTION SERVICES INC.	4495 N ILLINOIS ST STE E		SWANSEA	IL	62226-1005
HOME CENTER CONSTRUCTION INC	420 W ATKINSON RD		PITTSBURG	KS	66762-8634
HOOPER CONSTRUCTION CORPORATION	PO BOX 7455		MADISON	WI	53707-7455
HOPCO CONSTRUCTION	PO BOX 9008		OMAHA	NE	68109-0008
HORIZON GENERAL CONTRACTORS INC	7315 W ELIZABETH LN		FT WORTH	TX	76116-6444
HORIZONTAL BORING & TUNNELING CO	PO BOX 429		EXETER	NE	68351-0429
HOWARD IMMEL INC	1820 RADISSON ST		GREEN BAY	WI	54302-2057
HOWARD W. PENCE INC.	342 E DIXIE AVE		ELIZABETHTOWN	KY	42701-1106

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HPI TURBINE SERVICES LLC	15503 W HARDY RD		HOUSTON	TX	77060-3603
HUGHES NELSON PAINTING INC	720 INDIGO CT		POMONA	CA	91767-2262
HUTTON CONTRACTING CO INC	1600 CLIFTY HWY		HINDSVILLE	AR	72738-9167
HUTTON CORPORATION	111 N SYCAMORE ST		WICHITA	KS	67203-6121
HYDRA-LUBE	PO BOX 16565		LAKE CHARLES	LA	70616-6565
HYDRO TECHNOLOGIES INC	6200 E HIGHWAY 62 UNIT 100		JEFFERSONVILLE	IN	47130-8769
I S COMPANY INC	1150 W MARLEY RD		OLATHE	KS	66061-7208
ICON INDUSTRIAL SERVICES LLC	50 50TH AVENUE DR SW		CEDAR RAPIDS	IA	52404-5033
ICONICA	901 DEMING WAY STE 102		MADISON	WI	53717
IDEAL BUSINESS SOLUTIONS LLC	31 BOLAND CT		GREENVILLE	SC	29615-5730
IES COMMUNICATIONS LLC	5433 WESTHEIMER RD STE 500		HOUSTON	TX	77056-5339
ILLINI DRILLED FOUNDATIONS INC	PO BOX 1351		DANVILLE	IL	61834-1351
IMPERIAL CRANE SERVICES INC	7500 IMPERIAL DR		BRIDGEVIEW	IL	60455-2395
IMPERIAL ROOF SYSTEMS CO	PO BOX 522		WEST UNION	IA	52175-0522
IN AND OUT WELDERS INCORPORATED	568 MCCAIG RD		LINCOLN	AL	35096-4855
INDIAN NATION FIRE SPRINKLER LLC	8166 E 44TH ST		TULSA	OK	74145-4831
INDIANAPOLIS CONSTRUCTION SERVICES INC.	PO BOX 768		LEBANON	IN	46052-0768
INDUSTRIAL INSULATION SERVICES INC	2200 W 6TH AVE		EL DORADO	KS	67042-3166
INDUSTRIAL MAINTENANCE OF TOPEKA INC	4501 NW US HIGHWAY 24		TOPEKA	KS	66618-3809
INDUSTRIAL PLANT SERVICES NATIONAL LLC	5460 GATEWOOD DR		STERLING HEIGHTS	MI	48310-2224
INDUSTRIAL ROOFING & CONSTRUCTION LLC	1128 HIGHWAY 2		STERLINGTON	LA	71280-3066
INDUSTRIAL STEEL ERECTORS INC	2728 N CLARK ST		DAVENPORT	IA	52804-1300

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INDUSTRIAL TANK SERVICES LLC	PO BOX 1685		WAUSAU	WI	54402-1685
INDUSTRY SERVICES CO INC	6265 RANGELINE RD		THEODORE	AL	36582-5245
INGRAM CONSTRUCTION COMPANY INC OF MADISON MISSISS	PO BOX 1609		MADISON	MS	39130-1609
INNOVATIVE COMBUSTION TECHNOLOGIES INC	10 COMMERCE DR		PELHAM	AL	35124-1847
INNOVATIVE CONSTRUCTION INC	295 MAIN ROAD		TIVERTON	RI	02878
INSULATED PANEL COMPANY	421 N PAULINA ST		CHICAGO	IL	60622-6684
INSULATING SERVICES INC	PO BOX 410722		CHARLOTTE	NC	28241-0722
INSULATION TECHNOLOGIES INC	2007 BUTTON LN		LA GRANGE	KY	40031-8726
INTEGRATED ENVIRONMENTAL SERVICES INC	PO BOX 490815		BLAINE	MN	55449-0815
INTEGRATED POWER CO	PO BOX 1743		NORTH PLATTE	NE	69103-1743
INTEGRITY INFRASTRUCTURE LLC	13565 SW TUALATIN SHERWOOD RD STE 800		SHERWOOD	OR	97140
INTERNATIONAL STRAIGHTENING INC	1218 HORSEMAN PL		BISMARCK	ND	58501-7789
INTERSTATE GRINDING LLC	5505 E EL DELMO ST		GARDEN CITY	KS	67846-9632
INTERSTATE RESTORATION MISSOURI LLC	3401 QUORUM DR STE 300		FORT WORTH	TX	76137-3621
INTEX CONSTRUCTION LLC	3802 N 135TH ST W		MAIZE	KS	67101-9535
IOWA CIVIL CONTRACTING INC	PO BOX Q		VICTOR	IA	52347-0916
IOWA TRENCHLESS LC	PO BOX 846		PANORA	IA	50216-0846
ISLAND EXTERIOR FABRICATORS LLC	1101 SCOTT AVE		CALVERTON	NY	11933-3056
IVS HYDRO INC	PO BOX 245		WAVERLY	WV	26184-0245
J & D CONSTRUCTION INC	PO BOX 446		MONTEVIDEO	MN	56265-0446
J & H MATERIALS HANDLING LLC	PO BOX 530251		GRAND PRAIRIE	TX	75053

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J & S INDUSTRIAL SERVICES LLC	197 N OLD SAINT LOUIS RD		WOOD RIVER	IL	62095-1434
J F BRENNAN COMPANY INC	PO BOX 2557		LA CROSSE	WI	54602-2557
J P CULLEN & SONS INC	PO BOX 5957		JANESVILLE	WI	53547-5957
JACK A FARRIOR INC	PO BOX 839		FARMVILLE	NC	27828-0839
JACKSON DEAN CONSTRUCTION INC	19835 SE 248TH ST		MAPLE VALLEY	WA	98038-8769
JACOBS GROUP GENERAL CONTRACTORS INC	3515 MATTINGLY RD		BUCKNER	KY	40010-8801
JACOBS LADDER INC	2325 COBDEN SCHOOL RD		COBDEN	IL	62920-3489
JAKES ELECTRIC LLC	207 ALLEN ST		CLINTON	WI	53525-9498
JAMES AGRESTA CARPENTRY	150 ENGLISH ST		HACKENSACK	NJ	07601-3937
JAMES HUNT CONSTRUCTION CO INC	1865 SUMMIT RD		CINCINNATI	OH	45237-2803
JAMES N GRAY CONSTRUCTION CO INC	PO BOX 8330		LEXINGTON	KY	40533-8330
JANSEN ELECTRIC COMPANY	4421 N 60TH ST		QUINCY	IL	62305-0640
JARRETT INDUSTRIES INC	PO BOX 87189		SOUTH ROXANA	IL	62087-7189
JASON TANKING CONSTRUCTION LLC	PO BOX 3969		LAWRENCE	KS	66046-0969
JAYEFF CONSTRUCTION CORPORATION	1800 STATE ROUTE 34 STE 403		WALL TOWNSHIP	NJ	07719-9167
JB HOLLAND CONSTRUCTION INC.	2092 HWY 9 W		DECORAH	IA	52101
JBI ELECTRICAL SYSTEMS INC.	5631 STRATUM DR		FORT WORTH	TX	76137-2709
JD DREDGING & EXCAVATING INC	N5192 635TH ST		ELLSWORTH	WI	54011-5049
JED INSTALLATION LLC	2722 N 155TH ST		BASEHOR	KS	66007-9253
JEN MECHANICAL INC	2813 W DELMAR AVE		GODFREY	IL	62035-1221
JESCO INC	2020 MCCULLOUGH BLVD		TUPELO	MS	38801-7108
JETTON GENERAL CONTRACTING INC	215 UNION ST # 400		JONESBORO	AR	72401-2814

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JETT'S MECHANICAL LLC	913 PARK AVE		PADUCAH	KY	42001-7056
JF EDWARDS CONSTRUCTION COMPANY	220 S CHICAGO ST		GENESEO	IL	61254-1456
J-HAWK PLUMBING INC	3615 W MAPLE ST		WICHITA	KS	67213-2453
JIM RIVER FENCING LLC	45275 299TH ST		IRENE	SD	57037-6002
JJJ CONTRACTING LLC	6844 BURKITT RD		ANTIOCH	TN	37013-4701
JOE MARTIN STEEL LLC	PO BOX 89		BERRYVILLE	MO	42616
JOE R JONES CONSTRUCTION INC	PO BOX 873		WEATHERFORD	TX	76086-0873
JOHN A PAPALAS & CO INC	1187 EMPIRE AVE		LINCOLN PARK	MI	48146-2099
JOHN E GREEN COMPANY	220 VICTOR ST		HIGHLAND PARK	MI	48203-3116
JOHN P DUFFY CONSTRUCTION COMPANY INC	13220 METCALF AVE STE 365		OVERLAND PARK	KS	66213-2844
JOLLY ROOFING AND CONTRACTING CO INC	711 CHANEY CV		COLLIERVILLE	TN	38017-2993
JONES COVEY GROUP INCORPORATED	9595 Lucas Ranch Rd Ste 100		Rch Cucamonga	CA	91730-5725
JORDY & COMPANY	1212 S BROADWAY STE 100		DENVER	CO	80210-1584
JOSHUA A FLOYD	18595 OXFORD RD		STAUNTON	IL	62088-2326
JRCT INCORPORATED	2098 TOM AUSTIN HWY		GREENBRIER	TN	37073-5192
JT BUILD LLC	12707 DRIVE IN RD		BREESE	IL	62230
K. WEST GROUP LLC	8305 FREMONT PIKE		PERRYSBURG	OH	43551-9427
K2 LANDSCAPES LLP	2911 VISTA ST		KANSAS CITY	KS	66106-4461
KAISER ELECTRICAL CONTRACTORS INC	340 ERIE AVE		MORTON	IL	61550-9600
KAMADULSKI EXCAVATING & GRADING CO INC	4336 HIGHWAY 162		GRANITE CITY	IL	62040-6409
KANE FIRE PROTECTION INC	170 E ALTON AVE		EAST ALTON	IL	62024-1443

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KANSAS DUSTROL INC	PO BOX 309		TOWANDA	KS	67144-0309
KAROVİ CONCRETE SERVICES LLC	21425 W 180TH STREET		OLATHE	KS	66062
KARR TUCKPOINTING LLC	PO BOX 417		VINTON	IA	52349-0417
KBS CONSTRUCTORS INC	1701 SW 41ST ST		TOPEKA	KS	66609-1252
KC ELECTRICAL CONTRACTORS LLC	7312 LEISURELY DR		EFFINGHAM	KS	66023-5041
KEA CONSTRUCTORS LLC	PO BOX M		MILFORD	NE	68405-0623
KEELEY & SONS INC	6303 COLLINSVILLE RD		E SAINT LOUIS	IL	62201-2523
KEEN PROJECT SOLUTIONS LLC	3001 SE CONVENIENCE BLVD STE 101		ANKENY	IA	50021-8503
KENDALL CONSTRUCTION INC	2551 NW BUTTON RD		TOPEKA	KS	66618-1411
KENDREK ELECTRIC INC	PO BOX 9411		WICHITA	KS	67277-0411
KEOKUK CONTRACTORS INC	853 JOHNSON STREET RD		KEOKUK	IA	52632-2213
KERRICOOK CONSTRUCTION INC	17999 FOLTZ PKWY		STRONGSVILLE	OH	44149-5565
KIMCO USA INC	118 E TREFZ DR		MARSHALL	IL	62441-3974
KING AUTOMATION INC	4300 STONE STATION RD		ROEBUCK	SC	29376-3626
KING MECHANICAL CONTRACTORS INC	PO BOX 16608		CHATTANOOGA	TN	37416-0608
KING OF TEXAS ROOFING COMPANY LP	307 GILBERT CIR		GRAND PRAIRIE	TX	75050-6579
KINLEY CONSTRUCTION GROUP LP	7301 COMMERCIAL BLVD E		ARLINGTON	TX	76001-7149
KINZLER CONSTRUCTION SERVICES INC	700 SE ORALABOR RD		ANKENY	IA	50021-5616
KIRBY SPECIALTIES CORPORTATION	2401 E 16TH ST		RUSSELLVILLE	AR	72802-2631
KIRK GROSS COMPANY	PO BOX 2097		WATERLOO	IA	50704-2097
KLM ENGINEERING INCORPORATED	1976 WOODDALE DR STE 4		WOODBURY	MN	55125-4359
KNUTSON BROTHERS INC	PO BOX 353		REDWOOD FALLS	MN	56283-0353

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KOELLER PLUMBING LLC	101 N ADAMS ST		FLANAGAN	IL	61740-7548
KOONTZ ELECTRIC COMPANY INC	PO BOX 501		MORRILTON	AR	72110-0501
KORBER SUPPLY CHAIN LLC	2700 ESTERS BLVD STE 200B		DALLAS	TX	75261-4030
KORTE & LUITJOHAN CONTRACTORS INC	12052 HIGHLAND RD		HIGHLAND	IL	62249-1342
KOSS CONSTRUCTION COMPANY	PO BOX 751263		TOPEKA	KS	66675-1263
KOVILIC CONSTRUCTION COMPANY INC.	PO BOX 939		FRANKLIN PARK	IL	60131-0939
KR COMMERCIAL INTERIORS	302 WEST	US HWY 92	SEFFNER	FL	33584
KRAEMER NORTH AMERICA LLC	PO BOX 220		PLAIN	WI	53577-0220
KRUSE CONTRACTING INC	4374 G RD		WATERLOO	IL	62298-3806
KRUSE CORPORATION	8971 GREEN VALLEY DR UNIT 1		MANHATTAN	KS	66502-9008
KUHLMAN REFRIGERATION INC	N56W16865 RIDGEWOOD DR # 100		MENOMONEE FLS	WI	53051-5656
KVK CONTRACTING INC	727 WESLEY AVE STE 1		TARPON SPGS	FL	34689-6757
L PETERS CONSTRUCTION INC	1368 S ENTERPRISE ST		OLATHE	KS	66061-5357
L6 INC	PO BOX 1957		BROKEN ARROW	OK	74013-1957
LA MACCHIA GROUP LLC	157 N MILWAUKEE ST		MILWAUKEE	WI	53202-6012
LAFORGE & BUDD CONSTRUCTION COMPANY INC	PO BOX 833		PARSONS	KS	67357-0833
LAKEVIEW CONSTRUCTION LLC	10505 CORPORATE DR STE 200		PLEASANT PRAIRIE	WI	53158-1605
LAND ART LANDSCAPING INC	12429 HOWE DR		LEAWOOD	KS	66209-1451
LANHAM INSULATION INC	40 KINGBROOK PKWY STE 4		SIMPSONVILLE	KY	40067
LARSON HARVESTING INC	447 SUNFLOWER RD		WATERVILLE	KS	66548-8904
LAVEN ELECTRIC LLC	836 SPRUCE ST		LEAVENWORTH	KS	66048-2581
LAVERDIERE CONSTRUCTION INC.	4055 W JACKSON ST		MACOMB	IL	61455-7723

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LE DAVIS CONSTRUCTION INC	212 COY ST		HARRISON	AR	72601-4004
LEE MACHINERY MOVERS INC.	675 CESAR E CHAVEZ AVE		PONTIAC	MI	48340-2459
LEICK CONSTRUCTION INC	22027 221ST ST		GLENWOOD	IA	51534-5389
LEJAS CORPORATION	6202 S MAPLE AVE		TEMPE	AZ	85283-2861
LEOPARDO COMPANIES INC	5200 PRAIRIE STONE PKWY		HOFFMAN ESTATES	IL	60192-3709
LEROY C BOWMAN	308 FAWN PARK CIR		COUNCIL BLFS	IA	51503-5465
LEXICON INC	PO BOX 16390		LITTLE ROCK	AR	72231-6390
LIBERTY MAINTENANCE INC	777 N MERIDIAN RD		YOUNGSTOWN	OH	44509-1006
LIGHTNING FOUNDATIONS INC	1209 COUNTY HIGHWAY J23		CLEARFIELD	IA	50840-8814
LIGHTNING PROTECTION SYSTEMS LLC	PO BOX 540445E		N SALT LAKE	UT	84054-0445
LILJA CORP	229 RICKENBACKER CIR		LIVERMORE	CA	94551-7616
LINCOLN HANCOCK RESTORATION LLC	860 BLUE GENTIAN RD STE 200		SAINT PAUL	MN	55121-1567
LINE CONSTRUCTION SERVICES LLC	2220 FAIR RD		ABILENE	KS	67410-6940
LINTZ LAWN & LANDSCAPING INC	8638 Le Pere School Rd		Millstadt	IL	62260-3232
LIPSMAYER DEMOLITION INC	PO BOX 70		BIGELOW	AR	72016
LOCKE AMI LLC	8802 N MERIDIAN ST		INDIANAPOLIS	IN	46260-5380
LONE STAR RAILROAD CONTRACTORS LLC	PO BOX 1150		ENNIS	TX	75120-1150
LONGS DRILLING SERVICE INC	10554 HIGHWAY 392 W		HARRISON	AR	72601-7771
LOTEMP EQUIPMENT COMPANY	8707 N 29TH ST		OMAHA	NE	68112-1848
LOVEGREEN INDUSTRIAL SERVICES	2280 SIBLEY CT		EAGAN	MN	55122-1998
LOYD BUILDERS INC	PO BOX 266		OTTAWA	KS	66067-0266
LR MOURNING CO	2230 COTTONDALE LN STE 5		LITTLE ROCK	AR	72202-2048

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LSX CONSTRUCTION LLC	PO BOX 5		PAOLA	KS	66071-0005
LYNN ELECTRIC & COMMUNICATIONS INC.	725 N 2ND ST STE K		LAWRENCE	KS	66044-1442
M & J ELECTRIC OF WICHITA LLC	1444 S SAINT CLAIR AVE BLDG D		WICHITA	KS	67213-2938
M & L ELECTRICAL INC	6060 SCOTTSVILLE RD		BOWLING GREEN	KY	42104-0388
M & W CONTRACTORS INC	PO BOX 2510		EAST PEORIA	IL	61611-0510
M&C WILLIAMS CONSTRUCTION LLC	2353 HIGHWAY 69A		PRYOR	OK	74361-4501
MAC INDUSTRIAL SERVICES INC.	604 N MAIN ST	STE 1	ROCHELLE	IL	61068
MACC CONTRACTING INC.	668 N RIVER RD		NAPERVILLE	IL	60563-8940
MACHINE REPAIR INTERNATIONAL	1300 OLIVER RD STE 240		FAIRFIELD	CA	94534-3428
MACON GC LLC	201 BONITA AVE		BRADFORD	IL	61421-5305
MAHANAY A TECTA AMERICA COMPANY LLC	2214 S LINCOLN ST # 2750		AMARILLO	TX	79109-2750
MAJOR CONCRETE INC	1449 S OSAGE ST		WICHITA	KS	67213-4324
MAJOR REFRIGERATION CO INC	314 W NORTHWESTERN AVE		NORFOLK	NE	68701-6404
MALCOLM DRILLING COMPANY INC	92 NATOMA ST STE 400		SAN FRANCISCO	CA	94105-2685
MANAGEMENT RESOURCE SYSTEMS INC	1907 BAKER RD		HIGH POINT	NC	27263-2007
MANATTS INC	PO BOX 535		BROOKLYN	IA	52211-0535
MARCUS CONSTRUCTION CO INC	2580 HIGHWAY 12 E		WILLMAR	MN	56201-5826
MARINE SOLUTIONS OF KENTUCKY INC	225 INDUSTRY PKWY		NICHOLASVILLE	KY	40356-9110
MARKET & JOHNSON INC	PO BOX 630		EAU CLAIRE	WI	54702-0630
MASTER MILLWRIGHT INDUSTRIAL LLC	1294 MINE ST		OLD FORGE	PA	18518-1111
MATHIS EXCAVATING INC	527 QUILLMAN RD		DU QUOIN	IL	62832-4102
MATRIX HOLDINGS LLC	5503 S LA GRANGE RD		COUNTRYSIDE	IL	60525-3669

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MAX ALLEY CONSTRUCTION LLC	6500 SUMMERHILL RD STE 2E		TEXARKANA	TX	75503-1743
MAX TRUE FIREPROOFING CO	PO BOX 1029		JENKS	OK	74037-1029
MAXXUS WELL CONTROL OF ILLINOIS INC	PO BOX 274		ALTAMONT	IL	62411-0274
MC BUILDERS LLC	203 W PIANKISHAW ST		PAOLA	KS	66071-1430
MC ELECTRIC INC	7648 LL RD		RED BUD	IL	62278-2522
MC5 CONSTRUCTION INC.	1186 TEXAS AVE		LU VERNE	IA	50560-8805
MCAFEE HENDERSON SOLUTIONS INC	PO BOX 397		OSKALOOSA	KS	66066-0397
MCGOUGH CONSTRUCTION CO LLC	2737 FAIRVIEW AVE N		SAINT PAUL	MN	55113-1372
MCMILLEN INC	1471 W SHORELINE DR STE 100		BOISE	ID	83702-9104
MCP BUSINESS SOLUTIONS INC	3501 SW FAIRLAWN RD STE 100		TOPEKA	KS	66614-3975
MCSHANE CONSTRUCTION COMPANY LLC	9550 W HIGGINS RD STE 200		ROSEMONT	IL	60018-4906
MDR CONSTRUCTION INC	621 E BAYLIS CHAPEL RD		COLUMBIA	MS	39429-8089
ME MECHANICAL INC	2501 ELLINGTON RD		QUINCY	IL	62305-8828
MECHANICAL CONSTRUCTION SERVICES INC	PO BOX 335		NEWARK	AR	72562-0335
MECHANICAL SYSTEMS INC	500 COUNTY ROAD 1 E		DUNDAS	MN	55019-4136
MERCHCO SERVICES INC	140 HEIMER RD STE 500		SAN ANTONIO	TX	78232-5031
MEYER CONTRACTING AND CONSTRUCTION INC	11000 93RD AVE N		MAPLE GROVE	MN	55369-4113
MEYLAN INDUSTRIAL SERVICES INC	3919 S 147TH ST STE 124		OMAHA	NE	68144-5579
MICHIGAN COMMERCIAL CONTRACTORS INC	16745 COMSTOCK ST		GRAND HAVEN	MI	49417-7949
MICROWAVE TRANSMISSION SERVICES	1751 JAY ELL DR		RICHARDSON	TX	75081-1835
MID AMERICA MILLING COMPANY LLC	6200 E HIGHWAY 62 UNIT 100		JEFFERSONVILL E	IN	47130-8769

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MID AMERICA PIPELINE CONSTRUCTION INC	PO BOX 1830		CATOOSA	OK	74015-1830
MID STATES INDUSTRIAL INC	519 SHIPYARD RD		SENECA	IL	61360-9203
MID-CONTINENTAL CARPENTRY LLC	PO BOX 591		BROOKLAND	AR	72417-0591
MIDDENDORF AND REUSS CONSTRUCTION INC	800 S BREEZE STREET STE 1		MILLSTADT	IL	62260
MIDLAND RESTORATION COMPANY INC	PO BOX 247		FORT SCOTT	KS	66701-0247
MIDWEST COATING INC	3830 NW 16TH ST		TOPEKA	KS	66618-2846
MIDWEST COOLING TOWERS INC	1156 E HIGHWAY 19		CHICKASHA	OK	73018-6347
MIDWEST CUSTOM POOLS LLC	600 LINCOLN ST		LAWRENCE	KS	66044-5349
MIDWEST INFRASTRUCTURE INC	5320 N 148TH ST		LINCOLN	NE	68527-7000
MIDWEST LIQUID SYSTEMS INC	1414 21ST AVE	PO BOX 71	ELDORA	IA	50627-1914
MIDWEST MECHANICAL INDUSTRIAL SERVICES	PO BOX 164		LOGAN	IA	51546-0164
MIDWEST MOLE INC	6814 W 350 N		GREENFIELD	IN	46140-9617
MIDWEST MOWING INC	PO BOX 22		BRIGHTON	IL	62012-0022
MIDWEST SOLAR SOLUTIONS LLC	PO BOX 1192		GRANITE CITY	IL	62040
MILESTONE CONSTRUCTION CO LLC	2002 S 48TH ST		SPRINGDALE	AR	72762-5772
MINERAL FABRICATION & MACHINE CO INC	PO BOX 21		KEYSER	WV	26726-0021
MIRA ENTERPRISES	1117 N SEAMAN ST		EASTLAND	TX	76448-1805
MIRON CONSTRUCTION CO INC	PO BOX 509		NEENAH	WI	54957-0509
MIXER SYSTEMS INC	PO BOX 10		PEWAUKEE	WI	53072-0010
MJ PAINTING CONTRACTOR CORP	291 HOMER ST		OLEAN	NY	14760-1131
MJM SERVICES CONSTRUCTION INC	PO BOX 24006		BELLEVILLE	IL	62223-9006
MKD ELECTRIC LLC	2590 ALFT LN STE A		ELGIN	IL	60124-7820

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MODERN PIPING OF IOWA INC	500 WALFORD RD		CEDAR RAPIDS	IA	52404-8921
MODIFIED CONCRETE SUPPLIES LLC	6200 E HIGHWAY 62 BLDG 2501		JEFFERSONVILLE	IN	47130-8769
MODULAR CONNECTIONS LLC	1090 INDUSTRIAL BLVD		BESSEMER	AL	35022-6009
MOLIN CONCRETE PRODUCTS CO INC	415 LILAC ST		LINO LAKES	MN	55014-1098
MOLLERS NORTH AMERICA INC	PO BOX 888820		GRAND RAPIDS	MI	49588-8820
MONARCH BUILD LLC	8100 NEWTON ST STE 300		OVERLAND PARK	KS	66204-3669
MONGAN PAINTING LLC	720 SLEEZER RD	PO BOX 515	CHEROKEE	IA	51012-7247
MOPPING MAN LLC	7970 FREDERICKSBURG RD STE 101-591		SAN ANTONIO	TX	78229-3890
MORRISON BROS CONSTRUCTION COMPANY	2134 N 81ST ST		CASEYVILLE	IL	62232-1604
MOUNT FARM DRAINAGE LLC	3313 260TH ST		RIVERTON	IA	51650-6002
MTD ELECTRIC LLC	22004 S WAVERLY RD		SPRING HILL	KS	66083-4548
MTT CO	PO BOX 161		DENISON	IA	51442-0161
MULTATECH ENGINEERING INC	2821 W 7TH ST STE 400		FORT WORTH	TX	76107-8913
MUNICIPAL PIPE SERVICES INC	1550 NE 51ST AVE		DES MOINES	IA	50313-2123
MUNICIPAL PIPE TOOL COMPANY LLC	515 5TH ST		HUDSON	IA	50643-7773
MURPHY EXCAVATION AND CONTRACTING LLC	399 E 4TH ST		AVISTON	IL	62216-3834
MYLES LORENTZ INC	48822 OLD RIVER BLUFF RD		SAINT PETER	MN	56082-5059
NASHVILLE FABRICATION LLC	2039 HIGHWAY 12 S		ASHLAND CITY	TN	37015-3914
NATIONAL BRIDGE	514 ANCLOTE RD		TARPON SPGS	FL	34689-6701
NATIONAL CONDUCTOR CONSTRUCTORS LLC	18119 STATE HIGHWAY 371		BRAINERD	MN	56401-6822
NATIONAL ERECTORS & BUILDERS INC	13739 KAYSER RD		HIGHLAND	IL	62249-4619
NATIONAL ROOFING AND SHEET METAL COMPANY	G4130 FLINT ASPHALT DRIVE		BURTON	MI	48529

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NATIONAL WELDING CORPORATION	7025 S COMMERCE PARK DR		MIDVALE	UT	84047-1090
NATIONWIDE FENCE AND SUPPLY COMPANY	69951 LOWE PLANK RD		RICHMOND	MI	48062-5365
NBMC INC	PO BOX 300		GREENBRIER	AR	72058-0300
NEA MACHINE AND FABRICATION LLC	310 COUNTY ROAD 4035		JONESBORO	AR	72404-7332
NEBRASKA MIDWEST CONSTRUCTION COMPANY	PO BOX 610		NEBRASKA CITY	NE	68410-0610
NELSON INDUSTRIAL SERVICES INC	6021 MELROSE LN		OKLAHOMA CITY	OK	73127-5527
NEMAHA LANDSCAPE CONSTRUCTION INC	541 S 1ST ST STE 1		LINCOLN	NE	68508-2909
NEUMANN COMPANY CONTRACTORS INC	W9450 STATE ROAD 95		MERRILLAN	WI	54754-7900
NEW RIVER ELECTRICAL CORPORATION	PO BOX 70		CLOVERDALE	VA	24077-0070
NEW TECH CONSTRUCTION INC	PO BOX 39		NEBRASKA CITY	NE	68410-0039
NEW WAVE POOLS & SPAS INC	13312 GILES RD		OMAHA	NE	68138-3467
NEXT FIBER LLC	24504 W 86TH TER		LENEXA	KS	66227-3257
NEXT LEVEL UTILITIES & EXCAVATING INC	PO BOX 26		BALDWIN CITY	KS	66006-0026
NOHAVA CONSTRUCTION INC	51 ST ANDREWS WAY		SIOUX CENTER	IA	51250-2955
NORTH AMERICAN ROOFING SERVICES LLC	14025 RIVEREDGE DR STE 600		TAMPA	FL	33637-2088
NORTH CENTRAL SERVICE INC	PO BOX 310		BEMIDJI	MN	56619-0310
NORTHERN CLEARING INC	28190 STATE HIGHWAY 137		ASHLAND	WI	54806-4601
NORTHERN HORIZONS SOLWAY INC	15545 CARIBOU FOOTED DR NW		SOLWAY	MN	56678-4657
NOVAK CONSTRUCTION COMPANY	3423 N Drake Ave Fl 2		Chicago	IL	60618-5449
NUTRI-JECT SYSTEMS INC	PO BOX 398		HUDSON	IA	50643-0398
NY&O CONTRACTORS INC	236A 6TH ST		BROOKLYN	NY	11215-3204
NYMAN CONSTRUCTION CO	23209 MILES RD FL 2		CLEVELAND	OH	44128-5467

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O'CONNOR CORPORATION	45 INDUSTRIAL DR		CANTON	MA	02021-2896
OLGOONIK SPECIALTY CONTRACTORS LLC	3201 C ST STE 700		ANCHORAGE	AK	99503-3934
OLVERAS HVAC CONSTRUCTION INC	303 WESTMINSTER AVE		O FALLON	IL	62269-2649
OLYMPUS CONSTRUCTION INC	2506 W WASHINGTON AVE		JONESBORO	AR	72401-9258
OLYMPUS PAINTING CONTRACTORS INC	556 ANCLOTE RD		TARPON SPGS	FL	34689-6701
ONE WAY WIRELESS CONSTRUCTION INC.	8700 13TH AVE E		SHAKOPEE	MN	55379-8806
ONEALS ELECTRIC HEATING & COOLING INC	2700 BAUGHMAN CUTOFF RD		HARRISON	AR	72601-6720
OSMENT ROOFING SYSTEMS INC	4201 E NETTLETON AVE		JONESBORO	AR	72401-5560
OTC SERVICES INC	PO BOX 188		LOUISVILLE	OH	44641-0188
OTTO BAUM COMPANY INC	866 N MAIN ST		MORTON	IL	61550-1645
OUTDOOR DIMENSIONS LLC	5325 E HUNTER AVE		ANAHEIM	CA	92807-2054
OUTDOOR SYSTEMS INC	660 STATE ROUTE 158		COLUMBIA	IL	62236-3232
OVERHEAD CONVEYOR COMPANY	1330 HILTON RD		FERNDALE	MI	48220-2837
OZONE ROOFING INC	2300 W WYATT EARP BLVD		DODGE CITY	KS	67801-3040
PADGETT BUILDING & REMODELING CO	4200 SMELTING WORKS RD		SWANSEA	IL	62226-2023
PAR RESTORATION SERVICES INC	1934 N 81ST ST		CASEYVILLE	IL	62232-1656
PARK CONSTRUCTION MIDWEST INC	1481 81ST AVE NE		MINNEAPOLIS	MN	55432-1795
PARK DEROCHE COATINGS AND LININGS LLC	11835 - 28 STREET NE		EDMONTON	AB	T6S 1C8
PATRIOT CRANE AND RIGGING LLC	11102 BLONDO ST STE 100		OMAHA	NE	68164-3888
PATRIOT DRYWALL COMPANY INC	9337 W 53RD ST		SHAWNEE	KS	66203-2113
PAULON CONSTRUCTION MANAGEMENT CORP	13189 OYSTER LAKE RD		HOLLY	MI	48442-7903
PAVEWAY SYSTEMS INC	114 INDIAN LAKES LN		FLORAHOME	FL	32140-3614

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PAXON ENERGY & INFRASTRUCTURE LLC	4695 CHABOT DR STE 115		PLEASANTON	CA	94588-2756
PAYNE CONSTRUCTION SERVICES LLC	10565 DOWNTHA LN		BUNKER HILL	IL	62014-2855
PEPPER PIKE STAFFING LLC	200 PARK AVE STE 410		BEACHWOOD	OH	44122-4297
PERFECT PLAY FIELDS AND LINKS INC	PO BOX 24006		BELLEVILLE	IL	62223-9006
PERFECTION ELECTRIC INC	8333 MAPLE GROVE RD		TROY	IL	62294-3219
PERFORMANCE CONTRACTORS INC	PO BOX 83630		BATON ROUGE	LA	70884-3630
PETREE CONSTRUCTION	1100 S D ST		FORT SMITH	AR	72901-4510
PETTUS PLUMBING & PIPING INC	PO BOX 1048		ROGERSVILLE	AL	35652-1048
PFUND CONSTRUCTION INC	3925 BLACKBURN RD		EDWARDSVILLE	IL	62025-6755
PHOENIX MODULAR ELEVATOR	4800 PHOENIX DR		MOUNT VERNON	IL	62864-4212
PINE RIDGE CONSTRUCTION MANAGEMENT LLC	1000 COMMERCE PARK DR STE 518		WILLIAMSPORT	PA	17701-5475
PINNACLE BOILER COMPANY LLC	PO BOX 2407		MISSION	KS	66201-2407
PINNACLE CONSTRUCTION OF IOWA INC	PO BOX 368		GLENWOOD	IA	51534-0368
PINNACLE GRINDING & GROOVING LLC	275 HILL ST STE 220		RENO	NV	89501-2033
PIONEER RESTORATION PLUMBING AND CONTRACTING LLC	3235 GROTEFENDT RD		MARINE	IL	62061-1719
PIPING CONTRACTORS OF KANSAS INC	4141 NW 25TH ST		TOPEKA	KS	66618-3747
PISHNY REAL ESTATE SERVICES LLC	12202 W 88TH ST		LENEXA	KS	66215-4607
PITRE CONSTRUCTION INC	6835 TOWN HALL RD		BELLEVILLE	IL	62223-8623
PJ HOERR INC	107 N COMMERCE PL		PEORIA	IL	61604-5285
PLYLERS AT YOUR SERVICE INC	10 CREEK ST		BROOKVILLE	PA	15825-1401
POLY VINYL ROOFING INC	785 ELBOW CREEK RD		MOUNT VERNON	IA	52314-9732

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POWER GRID COMPANY INC	201 COUNTY LINE RD		FAYETTEVILLE	GA	30215-4606
POWERSECURE INC	4068 STIRRUP CREEK DR		DURHAM	NC	27703-9000
PRAIRIE CENTER PLUMBING HEATING & AIR CONDITIONING	242 N MARION ST		OLATHE	KS	66061-3105
PRAIRIE CONTRACTORS INC	9318 GULFSTREAM RD STE C		FRANKFORT	IL	60423-2538
PRECISION CONCRETE CUTTING OF KY LLC	1020 PROGRESS DR		CLARKSVILLE	TN	37040-5329
PRECISION INFRASTRUCTURE LLC	3314 56TH ST		EAU CLAIRE	WI	54703-6332
PRECISION UTILITIES GROUP INC	5916 E STATE BLVD		FORT WAYNE	IN	46815-7637
PREFERRED GLOBAL INC	1360 S 10TH ST		NOBLESVILLE	IN	46060-3828
PREMIER STEEL INC	3248 MARTIN LUTHER KING		ANDERSON	IN	46013
PRETEC DIRECTIONAL DRILLING LLC	3314 56TH ST		EAU CLAIRE	WI	54703-6332
PRICE GREGORY INTERNATIONAL LLC	24275 KATY FWY STE 500		KATY	TX	77494-7269
PRIMARY ELECTRIC LLC	5102 HWY 412B		HUNTSVILLE	AR	72740
PRIME CONNECTED INC	PO BOX 852		ELKHORN	NE	68022-0852
PRIME LOGIC INC	264 S VETERANS MEMORIAL BLVD		TUPELO	MS	38804
PRO ALARM LLC	130 N DUNCAN ST		MARINE	IL	62061
PRODYN LLC	100 CATHEDRAL ST STE 5		ANNAPOLIS	MD	21401-2702
PROGRESSIVE CONSTRUCTORS INC	11300 FINANCIAL CENTRE PKWY STE 500		LITTLE ROCK	AR	72211-3753
PROSHOT CONCRETE INC	4158 MUSGROVE DR		FLORENCE	AL	35630-6396
PROSSER WILBERT CONSTRUCTION INC	13730 W 108TH ST		LENEXA	KS	66215-2026
PRO-X BUILDERS INC	PO BOX 91310		SIOUX FALLS	SD	57109-1310
PRS KANSAS LLC	5809 MERRIAM DR		MERRIAM	KS	66203-2525
PWI CONSTRUCTION INC	3903 W MARTIN AVE		LAS VEGAS	NV	89118-4500
PYRAMID ETC COMPANIES LLC	275 N FRANKLIN TPKE		RAMSEY	NJ	07446-2812

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QCI THERMAL SYSTEMS INC	PO BOX 2432		DAVENPORT	IA	52809-2432
QUALITY STRIPING INC	1704 E EUCLID AVE		DES MOINES	IA	50313-4730
QUICK ELECTRICAL CONTRACTORS INC.	445 CARTER ST	PO BOX 49	FAIRVIEW	IL	61432-5021
R & P CONTRACTING INC	5101 COTTMAN AVE SIDE A		PHILADELPHIA	PA	19135-1543
R L BRINK CORPORATION	4400 N 24TH ST		QUINCY	IL	62305-7775
RABA KISTNER INC	12821 W GOLDEN LN		SAN ANTONIO	TX	78249-2298
RAGAN MECHANICAL INC	702 W 76TH ST		DAVENPORT	IA	52806-1317
RAGNAR BENSON LLC	PO BOX 2071		LOVES PARK	IL	61130-0071
RAILWAY LOGIX SERVICES INC.	PO BOX 105		SEBASTOPOL	MS	39359-0105
RAM CONSTRUCTION SERVICES OF MICHIGAN INC	13800 ECKLES RD		LIVONIA	MI	48150-1041
RAM ELECTRIC CO. LLC	1709 ELM ST		FLOWOOD	MS	39232
RAM GENERAL CONTRACTING AND DEVELOPMENT INC	204 E TERRACE DR UNIT B		PLANT CITY	FL	33563-9028
RAMAPO COMMUNICATION CORP	20 ROMANELLI AVE		SOUTH HACKENSACK	NJ	07606-1315
RAMON GARCIA CONSTRUCTION LLC	PO BOX 12743		KANSAS CITY	KS	66112-0743
RAWLINGS INDUSTRIAL INC	PO BOX 1438		HAMILTON	MT	59840-1438
RB12 CONSTRUCTION LLC	12867 LAMAR AVE		LEAWOOD	KS	66209-3239
RE CON COMPANY A TEXAS CORP	12 NE 52ND ST		OKLAHOMA CITY	OK	73105-1888
RECTENWALD BROTHERS CONSTRUCTION INC	16 LEONBERG RD		CRANBERRY TWP	PA	16066-3602
REDNOUR STEEL ERECTORS INC	PO BOX 116		CUTLER	IL	62238-0116
REED DILLON & ASSOCIATES LLC	1213 E 24TH ST		LAWRENCE	KS	66046-5128
REEL BROADBAND LLC	1371 W NEWPORT CENTER DR STE 103		DEERFIELD BEACH	FL	33442
REINER CONSTRUCTION CORP	2164 CITYGATE DR		COLUMBUS	OH	43219-3556

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RELIABLE CONSTRUCTION SERVICES OF KANSAS CITY LLC	13505 S MUR LEN RD STE 105-356		OLATHE	KS	66062-1600
REMBCO GEOTECHNICAL CONTRACTORS INC	PO BOX 23009		KNOXVILLE	TN	37933-1009
RENEWABLE CONCEPTS LLC	26 FOREST ST STE 300		MARLBOROUGH	MA	01752-3068
RETAIL CONSTRUCTION SERVICES INC	11343 39TH ST N		LAKE ELMO	MN	55042-9586
RETAIL STOREFRONT GROUP INC	PO BOX 1070		LEEDS	AL	35094-0020
RFB CONSTRUCTION CO INC	565 E 520TH AVE		PITTSBURG	KS	66762-6829
RGC GLASS INC.	2213 HAWKS LNDG		FAYETTEVILLE	AR	72704-5294
RHOMBUS SERVICES LLC	560 BENIGNO BLVD		BELLMAWR	NJ	08031-2522
RICH PLUMBING INC	702 N WALNUT ST	P O BOX 407	WAPELLA	IL	61777-0407
RICHARD GOETTLE INC	12071 HAMILTON AVE		CINCINNATI	OH	45231-1032
RICHARD NACHBAR PLUMBING INC	9053 COTTONWOOD CANYON PL		LENEXA	KS	66219-8174
RICHARD TURNER CONSTRUCTION COMPANY INC	10425 COGDILL RD STE 100		KNOXVILLE	TN	37932-3391
RICKY JONES	1797 N 4TH AVE		PIGGOTT	AR	72454-8242
RIEKE GRADING INC	8200 HEDGE LANE TER		SHAWNEE	KS	66227-3037
RIGHT WAY FACILITY SERVICES OF TEXAS LLC	503 MERCEDES ST STE B		BENBROOK	TX	76126-2572
RIGHT WAY TRAFFIC CONTROL INC	8 INDUSTRIAL DR		FREEBURG	IL	62243-3229
RIVER CITIES ENGINEERING INC	125 W 76th St		Davenport	IA	52806-1340
RJ MARTIN NATIONAL CONTRACTING INC	22841 AURORA RD		BEDFORD HTS	OH	44146-1244
RL BISHOP & ASSOCIATES INC	PO BOX 703		MANCHESTER	GA	31816-0703
RL COOLSAET CONSTRUCTION COMPANY	PO BOX 279		TAYLOR	MI	48180-0279
ROCK REMOVAL RESOURCES LLC	1125 N MILITARY AVE		GREEN BAY	WI	54303-4413

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ROCK SUPREMACY LLC	65147 N HIGHWAY 97		BEND	OR	97701-8029
ROCKFORD CONSTRUCTION CO	601 1ST ST NW		GRAND RAPIDS	MI	49504-5517
ROCKWATER DRILLING COMPANY	2031 MILLERSBURG RD		WOOSTER	OH	44691-9460
ROLLING PLAINS CONSTRUCTION INC	12331 PEORIA ST		HENDERSON	CO	80640-9650
RON WEERS CONSTRUCTION INC	20765 FOSTER CT		BUCYRUS	KS	66013-9080
ROOFMASTERS ROOFING AND SHEET METAL INC	PO BOX 664		HAYS	KS	67601-0664
ROSCO RESOURCES LLC	2675 PHILLIPS WAY		PORT ALLEN	LA	70767-6012
ROSS & BARR INC	11800 E 9 MILE RD		WARREN	MI	48089-2588
ROTATING EQUIPMENT REPAIR INC	W248N5550 EXECUTIVE DR		SUSSEX	WI	53089-4380
ROYAL ROOFING COMPANY INC	2445 BROWN RD		ORION	MI	48359-1810
ROYALTY COMPANIES OF INDIANA INC	2099 E TIPTON ST		SEYMOUR	IN	47274-3567
RP COATINGS INC	330 BARGRAVES BLVD		TROY	IL	62294-2304
RSS NASHVILLE INC	7119 COCKRILL BEND BLVD		NASHVILLE	TN	37209-1005
RWS ENTERPRISES LLC	8725 ROSEHILL RD STE 119		LENEXA	KS	66215-4611
RYAN INCORPORATED CENTRAL	PO BOX 206		JANESVILLE	WI	53547-0206
RYCON CONSTRUCTION INC	2501 SMALLMAN ST STE 100		PITTSBURGH	PA	15222-4694
S & W CONSTRUCTION LLC OF IOWA	109 MOODY DR		HAMBURG	IA	51640-1803
S H KITE COMPANY LLC	3409 N 155TH ST		BASEHOR	KS	66007-9519
SACHSE CONSTRUCTION AND DEVELOPMENT COMPANY LLC	3663 WOODWARD AVE	SUITE 500	DETROIT	MI	48201-2400
SAF MISSOURI INC	130 E VORIS ST STE A		AKRON	OH	44311-1536
SAFFO CONTRACTORS INC	PO BOX 7035		WILMINGTON	NC	28406-7035
SALISBURY & MOORE CONSTRUCTION INC	8320 LITCHFORD RD STE 124		RALEIGH	NC	27615-3860

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SAMRON MIDWEST CONTRACTING INC	PO BOX 1555		MURPHYSBORO	IL	62966-5055
SAPPHIRE COMPANIES LLC	790 HOWARD AVE STE A		BILOXI	MS	39530-3822
SASCO	2750 MOORE AVE		FULLERTON	CA	92833-2563
SATELLITE SERVICES INC	309 S FRONT ST		MARQUETTE	MI	49855-4600
SCG FIELDS LLC	10303 BRECKSVILLE RD		BRECKSVILLE	OH	44141-3335
SCHEIDT & BACHMANN USA INC	1001 PAWTUCKET BLVD		LOWELL	MA	01854-1040
SCHLEIS FLOOR COVERING INC	998 GLORY RD		GREEN BAY	WI	54304-5631
SCHREIBER CORPORATION	29945 BECK RD		WIXOM	MI	48393-2836
SCHUFF STEEL COMPANY	PO BOX 19028		PHOENIX	AZ	85005-9028
SCHULTZ BROTHERS ELECTRIC CO INC	3030 S 24TH ST # A		KANSAS CITY	KS	66106-4707
SCHUMACHER ELEVATOR COMPANY	1 SCHUMACHER WAY		DENVER	IA	50622-7729
SCHWICKERTS TECTA AMERICA LLC	330 POPLAR ST		MANKATO	MN	56001-2312
SCM LLC	PO BOX 122		MONROVIA	IN	46157-0122
SCOTT ANDREWS INC	PO BOX 661		WINNSBORO	TX	75494-0661
SDB CONTRACTING SERVICES INC	1001 S EDWARD DR		TEMPE	AZ	85281-5223
SEAMLESS SOLUTIONS LLC	12602 SANTA FE TRAIL DR		LENEXA	KS	66215-3507
SEATON CONSTRUCTION GROUP LLC	4506 W HARRY ST		WICHITA	KS	67209-2736
SECURITY FIRE SPRINKLER LLC	1 INDUSTRIAL BLVD		SAUK RAPIDS	MN	56379-1229
SEELE INC	4301 22ND ST		LONG ISLAND CITY	NY	11101-5029
SEFP-DFW LLC	5600 BERRY BROOK DR		HOUSTON	TX	77017-6750
SEITHER & CHERRY QUAD CITIES INC	611 E 59TH ST		DAVENPORT	IA	52807-2626
SEK HEAT & AIR INC	422 W ATKINSON RD		PITTSBURG	KS	66762-8634

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SEMINOLE EQUIPMENT INC	204 TARPON INDUSTRIAL DR		TARPON SPGS	FL	34689-6801
SERVICE & INDUSTRIAL REPAIR INC	18097 VAIL RD		PLEASANTON	KS	66075-7503
SG CONSTRUCTION SERVICES LLC	111 E COURT ST STE 1A		FLINT	MI	48502-1649
SHEET PILING SERVICES LLC	6872 STATE HIGHWAY 66		CUSTER	WI	54423-9608
SHELLEY ELECTRIC INC	3619 W 29TH ST S		WICHITA	KS	67217-1003
SHELTON & SHELTON LLC DBA RELIABLE GLASS	PO BOX 729		PADUCAH	KY	42002-0729
SHERMCO INDUSTRIES INC	PO BOX 540545		DALLAS	TX	75354-0545
SHORES BUILDERS INC	2222 E MCCORD ST		CENTRALIA	IL	62801-6731
SHORTRIDGE CONSTRUCTION COMPANY INC	3908 N 24TH ST		QUINCY	IL	62305-9628
SIGN CRAFTERS INC	1508 STRINGTOWN RD		EVANSVILLE	IN	47711-4593
SIMBECK & ASSOCIATES INC	38256 HIGHWAY 160		MANCOS	CO	81328-8967
SINGLE PLY SYSTEMS INC	10951 NESBITT AVE S		MINNEAPOLIS	MN	55437-3125
SKILLED TRADE SERVICES INC	612 PAXTON AVE		LOVELAND	OH	45140-3153
SKYTOP TOWERS INC	13503 W US HIGHWAY 34		MALCOLM	NE	68402-9783
SLAYDEN GLASS INC	239 N OLD SAINT LOUIS RD		WOOD RIVER	IL	62095-1437
SMART ENVIRONMENTAL SERVICES LLC	4440 OLIVER ST		KANSAS CITY	KS	66106-3763
SMITH TANK & STEEL INC	PO BOX 2370		GONZALES	LA	70707-2370
SNELL NORTHCUTT ELECTRIC INC	P O BOX 24601		LITTLE ROCK	AR	72221
SNELSON COMPANIES INC	PO BOX 561		SEDRO WOOLLEY	WA	98284-0561
SNI COMPANIES	PO BOX 367		NORWALK	IA	50211-0367
SOLARIS ROOFING SOLUTIONS INC	1N050 LINLAR DR		ELBURN	IL	60119-7911
SOLID PLATFORMS INC	6610 MELTON RD		PORTAGE	IN	46368-1236

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SOUTHEAST DIRECTIONAL DRILLING LLC	1760 S STEMMONS FWY STE 300		LEWISVILLE	TX	75067-6413
SOUTHEASTERN FIRE PROTECTION LABOR SERVICES LLC	1356 RICH HILL RD		CENTERBURG	OH	43011-9765
SOUTHERN MARINE CONSTRUCTION CO	PO BOX 4539		CHATTANOOGA	TN	37405-0539
SOUTHFORK CONSTRUCTION INC	144 GREENLAWN DR		SAN ANTONIO	TX	78201-2809
SOUTHWIND CONSTRUCTION SERVICES LLC	1701 S STATE ST		EDMOND	OK	73013-3633
SOVEREIGN STAFFING GROUP INC	1041 E 151ST ST		OLATHE	KS	66062-3417
SOWARDS GLASS INC	2600 NW TOPEKA BLVD STE C		TOPEKA	KS	66617-1160
SPARROW PLUMBING & HEATING INC	313 DELAWARE ST		QUINCY	IL	62301-4823
SPECIALIZED CONSTRUCTION & UTILITY CORP	206 MULBERRY ST		COLETA	IL	61081-5116
SPECPRO INCORPORATED OF NEBRASKA	309 E 2ND ST STE 4		PAPILLION	NE	68046-2469
SPECTRA TECH LLC	10340 PLEASANT ST STE 100		NOBLESVILLE	IN	46060-3947
SQUARE B LLC	PO BOX 81847		LINCOLN	NE	68501-1847
SS HOME IMPROVEMENTS LLC	PO BOX 1264		PITTSBURG	KS	66762-1264
SSI INCORPORATED OF NW ARKANSAS	2817 YUMA ST		FORT SMITH	AR	72901-8778
ST COTTER TURBINE SERVICES INC	2135 196TH ST E		CLEARWATER	MN	55320-1660
STANDARD ELECTRIC TOO LLC	2006 E PRAIRIE CIR		OLATHE	KS	66062-1268
STEEL REBAR MANUFACTURING LLC	4926 CHURCH RD		CENTREVILLE	IL	62207-1392
STEPHENS & SMITH CONSTRUCTION CO INC	1542 S 1ST ST		LINCOLN	NE	68502-1999
STEVE HOEGGER & ASSOCIATES INC	2630 N HIGHWAY 78		WYLIE	TX	75098-6055
STILL CONTRACTORS LLC	15740 S MAHAFFIE ST		OLATHE	KS	66062-4038

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STONEBRIDGE CONSTRUCTION LLC	PO BOX 16787		JONESBORO	AR	72403-6712
STORAGE ERECTORS INC	2231 VALPARAISO BLVD		NORTH FORT MYERS	FL	33917-6791
STORY CONSTRUCTION CO	2810 WAKEFIELD CIR		AMES	IA	50010-7725
STORY CONSTRUCTION COMPANY LLC	901 HARPETH VALLEY PL		NASHVILLE	TN	37221-1141
STR GROUP USA LLC	751 N MAIN ST #2118		MANSFIELD	TX	76063
STRINGER CONSTRUCTION COMPANY INC	6141 LUCILLE LN		SHAWNEE	KS	66203-2609
STRUCTURES UNLIMITED OF NH INC	PO BOX 4105		MANCHESTER	NH	03108-4105
STRUKEL ELECTRIC INC	PO BOX 267		GIRARD	KS	66743-0267
STUTZ EXCAVATING INC.	3837 FOSTERBURG RD		ALTON	IL	62002-7323
SUMMIT HEARTLAND LLC	3823 W 1800 S		REMINGTON	IN	47977-8831
SUMMIT PROPERTIES AND DEVELOPMENT CO INC	6445 CITATION DR STE G		CLARKSTON	MI	48346-2996
SUN STOPPERS WINDOW TINTING LLC	825 S KOSCIUSKO ST		JACKSONVILLE	IL	62650-2839
SUNLAND CONSTRUCTION INC	PO BOX 1087		EUNICE	LA	70535-1087
SUPERIOR CONCRETE FENCE OF TEXAS INC	1203 RAIDER DR		EULESS	TX	76040-6238
SUPERIOR ERECTORS LLC	7500 BOONE AVE N STE 104		MINNEAPOLIS	MN	55428-1026
SUPREME ELECTRIC CO	PO BOX 114		QUINCY	IL	62306-0114
SURF PREP INC	PO BOX 470		PEWAUKEE	WI	53072-0470
SURFACE AMERICA INC	PO BOX 157		WILLIAMSVILLE	NY	14231-0157
SURFACE PREPARATION TECHNOLOGIES LLC	PO BOX 834		NEW KINGSTOWN	PA	17072-0834
SURVEYS LAND AND CONSTRUCTION INC	PO BOX 29		LINDSBORG	KS	67456-0029
SUSTAINABLE ENERGY SYSTEMS LLC	12304 PERRY ST		OVERLAND PARK	KS	66213-1811
SUTTERFIELD ELECTRIC CONTRACTING CORP	339 N OLD SAINT LOUIS RD		WOOD RIVER	IL	62095-1165

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SWIFT ROOFING INC	PO BOX 1102		MURRAY	KY	42071-0020
SYSTEMS PLANT SERVICES INC	214 N WASHINGTON AVE STE 700		EL DORADO	AR	71730-5659
T & G CONSTRUCTION OF STILLWATER INC	5865 NEAL AVE N # 259		STILLWATER	MN	55082-2177
T STEELE CONSTRUCTION INC	8300 42ND ST W		ROCK ISLAND	IL	61201-7337
TAILORED FOAM INCORPORATED	PO BOX 4186		HICKORY	NC	28603-4186
TANCO ENGINEERING INC	1400 TAURUS CT		LOVELAND	CO	80537-3297
TANK BUILDERS INC	PO BOX 187		HASLET	TX	76052-0187
TANK FOUNDATIONS INC	3035 SIOUX AVE		FOREST CITY	IA	50436-8039
TANK INDUSTRY CONSULTANTS INC	7740 W NEW YORK ST		INDIANAPOLIS	IN	46214-4939
TAYLOR BROS CONSTRUCTION CO INC	4555 MIDDLE RD		COLUMBUS	IN	47203-1834
TDR CONTRACTORS INC	PO BOX 1003		GILMER	TX	75644-1003
TDS CONSTRUCTION 1 INC	4239 63RD ST W		BRADENTON	FL	34209-6647
TDW US INC	6120 S YALE AVE STE 1700		TULSA	OK	74136-4235
TELLUS LLC	829 NANCY LYNN LN		ARNOLD	MD	21012-3025
TEN TWO INC	8206 ANTIOCH RD		OVERLAND PARK	KS	66204-3536
TERRAZZO USA AND ASSOCIATES INC	9532 TOWRY CT		OKLAHOMA CITY	OK	73165-4629
TERWISSCHA CONSTRUCTION INC	1550 WILLMAR AVE SE		WILLMAR	MN	56201-4762
TEXAS ALLIANCE GROUP INC	11288 WEST RD		HOUSTON	TX	77065-4493
TEXOMA INDUSTRIAL INSULATION ASSOCIATION	PO BOX 497		DENISON	TX	75021-0497
TFR ENTERPRISES INC	601 LEANDER DR		LEANDER	TX	78641-2026
TGS FIBER LLC	4401 S TECHNOLOGY DR STE 3		SIOUX FALLS	SD	57106-4249
THE DRILLER LLC	5125 E UNIVERSITY AVE		PLEASANT HILL	IA	50327-7007

Missouri Department of Revenue

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EI0130

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Construction Transient Employer Listing

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
THE FISHEL COMPANY	1366 DUBLIN RD		COLUMBUS	OH	43215-1093
THE FRED CHRISTEN & SONS COMPANY	PO BOX 547		TOLEDO	OH	43697-0547
THE HANSEN COMPANY INC	5665 GREENDALE RD STE A		JOHNSTON	IA	50131-1592
THE HYDAKER-WHEATLAKE COMPANY	420 S ROTH ST		REED CITY	MI	49677-9114
THE KILIAN CORPORATION	PO BOX A		MASCOUTAH	IL	62258-0187
THE MAXIS GROUP INC	8225 E DEL CAMINO DR # 100		SCOTTSDALE	AZ	85258-2330
THE NASSAL COMPANY	415 W KALEY ST		ORLANDO	FL	32806-3942
THE ROBINS & MORTON GROUP	400 SHADES CREEK PKWY		BIRMINGHAM	AL	35209-4454
THE ROSS GROUP CONSTRUCTION CORPORATION	PO BOX 690960		TULSA	OK	74169-0960
THIELSCH ENGINEERING INC	195 FRANCES AVE		CRANSTON	RI	02910-2211
THOMAS GRACE CONSTRUCTION INC	5605 MEMORIAL AVE N		STILLWATER	MN	55082-1092
THOMPSON ELECTRIC COMPANY OF OMAHA	3505 S 61ST AVENUE CIR		OMAHA	NE	68106-4306
THOMPSON ELECTRONICS COMPANY	905 S BOSCH RD		PEORIA	IL	61607-1120
THOMPSON THRIFT CONSTRUCTION INC	901 WABASH AVE STE 300		TERRE HAUTE	IN	47807-3233
THREECORE LLC	3601 RIGBY RD STE 300		MIAMISBURG	OH	45342-5047
THUNDER VOLTS ELECTRIC LLC	4550 WASMAN RD		ROXANA	IL	62084-2726
TIDWELL CONSTRUCTION LTD	630 BONNIE LN		ELK GROVE VLG	IL	60007-1912
TINDALL CONTRACTOR INC	5240 NAMEOKI RD		PONTOON BEACH	IL	62040-2656
TMG CONSTRUCTION MANAGEMENT INC	15420 ENDEAVOR DR		NOBLESVILLE	IN	46060-4921
TMI COATINGS INC	3291 TERMINAL DR		EAGAN	MN	55121-1610
TOMS TUCKPOINTING LLC	202 W BROADWAY ST		POCAHONTAS	AR	72455-3419
TOTAL CONSTRUCTION SOLUTIONS CO	7630 LOUIS RICH CT		DAVENPORT	IA	52804-2269

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Contractor Name	Street Address	Street Address 2	City	State	Zip Code
TOTAL ELECTRIC CONTRACTORS INC	PO BOX 13247		EDWARDSVILLE	KS	66113-0247
TOUCH UP PLUS	14703 RANZ RD		AVISTON	IL	62216-3831
TOURNEAR ROOFING CO	2605 SPRING LAKE RD		QUINCY	IL	62305-0523
TOWER TECHNOLOGIES GROUP LLC	PO BOX 266		EDGERTON	WI	53534-0266
TRAC WORK INC	PO BOX 550		ENNIS	TX	75120-0550
TRANSFLUID SERVICES INC	20405 STATE HIGHWAY 249 STE 150		HOUSTON	TX	77070-2699
TRI CITY ELECTRIC COMPANY OF IOWA	6225 N BRADY ST		DAVENPORT	IA	52806-0002
TRI COUNTY WELDING & FABRICATION	PO BOX 137		ARTHUR	IL	61911-0137
TRI NORTH BUILDERS INC	PO BOX 259568		MADISON	WI	53725-9568
TRI STATE CONCRETE CORRECTION CO	3215 CORONA RD		QUINCY	IL	62305-8131
TROST PLASTICS INC	8610 HANOVER INDUSTRIAL DR		COLUMBIA	IL	62236-4632
TRU-BUILDING NORTH LLC	544 S RIDGE RD CIRCLE STE 102		WICHITA	KS	67209
TUFF WRAP INSTALLATIONS INC	2080 DETWILER RD STE 2		HARLEYSVILLE	PA	19438-2911
TUTTLE INC	110 PAGE ST		FRIEND	NE	68359-1147
TWC CONCRETE LLC	10737 MEDALLION DR		CINCINNATI	OH	45241-4837
U S ELECTRICAL CONSTRUCTION CO INC	79 S MAIN ST		MULLICA HILL	NJ	08062-9711
U S INSPECTION & CONSULTING LLC	2810 S 24TH STREET STE 119		PHOENIX	AZ	85034
ULTIMATE THERMAL INC	PO BOX 34818		OMAHA	NE	68134-0818
UNITED GOLF LLC	2108 N 129TH EAST AVE		TULSA	OK	74116-1729
UNITED INK ENTERPRISES LTD	5901 COOL SPORTS RD		BELLEVILLE	IL	62223-6848
UNITED PIPING INC	4510 AIRPORT RD		DULUTH	MN	55811-1523
UNITED STATES CONSTRUCTION LLC	5845 HORTON ST STE 203		MISSION	KS	66202-2610

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Construction Transient Employer Listing

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
UNITED STEEL ERECTORS CORPORATION	800 PARK DR		ATLANTIC	IA	50022-1953
UNIVERSAL COMMUNICATIONS LLC	1905 E 123RD ST		OLATHE	KS	66061-5887
UPHILL CONSTRUCTION LLC	402 IONE ST		GREENWOOD	MS	38930-3714
UPPER CUT TREE SERVICE LLC	10251 SE HIGHWAY 166		GALENA	KS	66739-5262
URETEK USA INC	PO BOX 1929		TOMBALL	TX	77377-1929
USC LLC	2320 124TH RD		SABETHA	KS	66534-9459
VAUGHN ELECTRIC CO INC	313 E FLORIDA AVE		UNION CITY	TN	38261-3957
VAVAK BUILDING SERVICES INC	10935 KAW DR STE 1		KANSAS CITY	KS	66111-1117
VCC LLC	PO BOX 2558		LITTLE ROCK	AR	72203-2558
VECTOR CONSTRUCTION INC	2504 MAIN AVE W		WEST FARGO	ND	58078-1310
VECTOR ENVIRONMENTAL SERVICES LLC	PO BOX 468		ROCKVILLE	MN	56369-0468
VERITAS CONSTRUCTION GROUP LLC	3511 E SUMMERHILL DR		COTTONWOOD HEIGHTS	UT	84121-5539
VESTA INDUSTRIAL CONTRACTORS INC.	3375 CORPORATE WOODS DRIVE		VESTAVIA	AL	35242
VIACON INC	70 BANKS RD		STOCKBRIDGE	GA	30281-4362
VICS CRANE AND HEAVY HAUL INC	3000 145TH ST E		ROSEMOUNT	MN	55068-5916
VIKING ERECTORS CORP	PO BOX 1336		MC MURRAY	PA	15317-4336
VIRGINIA TRANSFORMER CORP	220 GLADE VIEW DR NE		ROANOKE	VA	24012-6470
VISION INDUSTRIAL SERVICES LLC	1451 HIGHWAY 12		DEQUINCY	LA	70633-4803
VISTA INSTALLS LLC	4306 YOAKUM BLVD STE 600		HOUSTON	TX	77006-5883
VISU SEWER INC	W230N48557 BETKER RD		PEWAUKEE	WI	53072
W.E. O'NEIL CONSTRUCTION CO.	1245 W WASHINGTON BLVD		CHICAGO	IL	60607-1929
WADSWORTH GOLF CONSTRUCTION COMPANY OF THE MIDWEST	13941 S VAN DYKE RD		PLAINFIELD	IL	60544-3520

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Construction Transient Employer Listing

Contractor Name	Street Address	Street Address 2	City	State	Zip Code
WALTERS MORGAN CONSTRUCTION INC	5961 CORPORATE DR		MANHATTAN	KS	66503-9675
WARD ELECTRIC COMPANY INC.	9586 E I25 FRONTAGE RD STE B		LONGMONT	MO	80504-9458
WARNING LITES OF SOUTHERN ILLINOIS LLC	9441 LEBANON RD		EAST SAINT LOUIS	IL	62203-2213
WARREN SYSTEMS INC	3038 ESSEX DR		LAPEER	MI	48446-2580
WASSERMAN CONSTRUCTION COMPANY LLC	PO BOX 32646		KNOXVILLE	TN	37930-2646
WATSON ELECTRIC INC	318 N 8TH ST		SALINA	KS	67401-2312
WATTS ELECTRIC COMPANY	13351 DOVERS ST		WAVERLY	NE	68462-2516
WAYNE BUILDING COMPANY LLC	PO BOX 934		EDMOND	OK	73083-0934
WEIGEL CONSTRUCTION INC	19015 MADISON ST STE A		SPRING HILL	KS	66083-7573
WESTERN OILFIELDS SUPPLY COMPANY	PO BOX 2248		BAKERSFIELD	CA	93303-2248
WHEATLAND CONTRACTING LLC	6204 246TH RD		EFFINGHAM	KS	66023-5151
WHITING SYSTEMS INC	9000 HIGHWAY 5 N		ALEXANDER	AR	72002-8526
WHM CONSTRUCTION INC	526 COUNTY ROAD 3211		JACKSONVILLE	TX	75766-9249
WILLIAM E. GROVES CONSTRUCTION LLC	3135 GRAPEVINE RD		MADISONVILLE	KY	42431-9308
WILLIAM G CURTH INC	PO BOX 3463		SHAWNEE	KS	66203-0463
WILLIAMS DIVERSIFIED MATERIALS INC	PO BOX 660		BAXTER SPGS	KS	66713-0660
WILSONS POOLS PLUS INC	843 SCOTT TROY RD		LEBANON	IL	62254-1911
WINGER CONTRACTING COMPANY	PO BOX 637		OTTUMWA	IA	52501-0637
WOLF CONSTRUCTION INC	5630 SW RANDOLPH AVE		TOPEKA	KS	66609-1158
WOODS BASEMENT SYSTEMS INC	524 VANDALIA ST		COLLINSVILLE	IL	62234-4041
WORLDWIDE TURBINES LLC	6770 E ROGERS CIR		BOCA RATON	FL	33487-2649
WR NEWMAN & ASSOCIATES INC	2854 LOGAN ST		NASHVILLE	TN	37211-2409

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Contractor Name	Street Address	Street Address 2	City	State	Zip Code
WS INDUSTRIAL SERVICES INC	35 MAIN PL STE 175		COUNCIL BLUFFS	IA	51503-0708
XL INDUSTRIAL SERVICES INC	1920 N 400 W		LA PORTE	IN	46350-2131
YOKOGAWA CORPORATION OF AMERICA	2 DART RD		NEWNAN	GA	30265-1094
ZEAMERS WELDING LLC	2772 BLAKE RD E		DE PERE	WI	54115-8720
ZEFCO INC	PO BOX 1387		ANDERSON	SC	29622-1387
ZENITH TECH INC	N6W23673 BLUEMOUND RD		WAUKESHA	WI	53188-1741
ZERNCO INC	2800 N REGENCY PARK		WICHITA	KS	67226-4635
ZIMMERMAN CONSTRUCTION COMPANY INC	12509 HEMLOCK ST		OVERLAND PARK	KS	66213-1453

The Secretary of State is required by sections 347.141 and 359.481, RSMo, to publish dissolutions of limited liability companies and limited partnerships. The content requirements for the one-time publishing of these notices are prescribed by statute. This listing is published pursuant to these statutes. We request that documents submitted for publication in this section be submitted in camera ready 8 1/2" x 11" manuscript by email to adrules.dissolutions@sos.mo.gov.

**NOTICE OF WINDING UP FOR LIMITED LIABILITY COMPANY TO ALL CREDITORS OF AND CLAIMANTS
AGAINST LOWE GALESBURG REAL ESTATE, LLC**

On September 11, 2023, Lowe Galesburg Real Estate, LLC, filed a Notice of Winding Up for Limited Liability Company with the Missouri Secretary of State.

Claims against the LLC must be submitted to:

Lowe Galesburg Real Estate, LLC
c/o Allen & Rector, P. C., Attorneys at Law
135 Harwood Avenue
PO Box 1700
Lebanon, MO 65536.

Claims must include (1) the name and address of the claimant, (2) the amount and date of the claim, and (3) a brief description of the basis of the claim, including documentation.

NOTICE: All claims will be barred unless commenced within three years after the date of the publication of this notice.

**NOTICE OF WINDING UP FOR LIMITED LIABILITY COMPANY TO ALL CREDITORS AND CLAIMANTS AGAINST
THE CORNER KIDS, LLC, A MISSOURI LIABILITY COMPANY (THE "COMPANY")**

You are hereby notified that dissolution of the Company was authorized by the members on September 18, 2023. All persons having claims against the Company must present their claims in writing and mail their claims to:

Spencer Fane, LLC, Attn: Ben Shantz
2144 E. Republic Rd., Suite B300
Springfield, MO 65804

A claim against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the publication of this Notice. In order to file a claim with the Company, you must furnish the following: (a) the name, address and telephone number of the claimant; (b) the amount claimed; (c) a description of the nature of the debt or the basis of the claim; (d) the date or dates the claim accrued; and (e) if the claim is founded on a writing, a copy of the writing.

**NOTICE OF CORPORATION DISSOLUTION TO ALL CREDITORS OF AND ALL CLAIMANTS AGAINST
ROLLA MANOR, INC**

On September 18, 2023, Rolla Manor, Inc. filed its Articles of Dissolution by Voluntary Action with the Missouri Secretary of State. The dissolution was effective on September 18, 2023.

You are hereby notified that if you believe you have a claim against Rolla Manor, Inc., you must submit a summary in writing of the circumstances surrounding your claim against Rolla Manor, Inc. to:

Hallie H. Gibbs II
3225 Emerald Lane, Suite A
Jefferson City, MO 65109

The summary of your claim must include the following information:

1. The name, address, and telephone number of the claimant;
2. The amount of the claim;
3. The date on which the event on which the claim is based occurred; and
4. A brief description of the basis for the claim.

All claims against Rolla Manor, Inc. will be barred unless a proceeding to enforce the claim is commenced within two (2) years after publication of this notice.

**NOTICE OF WINDING UP FOR LIMITED LIABILITY COMPANY TO ALL CREDITORS OF AND CLAIMANTS AGAINST
FUN4KIDS, LLC**

On September 7, 2023, Fun4Kids, LLC, a Missouri limited liability company, filed its Notice of Winding Up for Limited Liability Company with the Missouri Secretary of State, effective as of, September 7, 2023.

Said company requests that all persons and organizations who have claims against it present such claims immediately in writing mailed to:

Beckemeier LeMoine Law
13421 Manchester Rd., Suite 103
Saint Louis, MO 63131

All claims must include: the name, address and telephone number of the claimant; the amount claimed; the basis of the claim; the date(s) on which the events occurred which provided the basis for the claim; and copies of any other supporting data.

Any claim against Fun4Kids, LLC will be barred unless a proceeding to enforce the claim is commenced within three years after the publication of this notice.

**NOTICE OF CORPORATE DISSOLUTION TO ALL CREDITORS AND CLAIMANTS OF
101 CORPORATION**

You are hereby notified that 101 CORPORATION, a Missouri corporation, the principal office of which is located at 101 Chouteau Ave, Saint Louis, MO 63102 (the "Corporation"), filed Articles of Dissolution with the Secretary of the State of Missouri on the 2nd day of October, 2023. In order to file a claim with the Corporation, you must furnish:

1. The name and address of the claimant;
2. Amount of claim;
3. Basis for the claim;
4. Documentation of the claim; and
5. The date(s) on which the event(s) on which the claim is based occurred.

The claim must be mailed to:

101 CORPORATION
c/o Carmody MacDonald P.C.
Attn: Kevin J. Williams
120 S. Central Ave. Ste. 1800
St. Louis, MO 63105

A claim against the Corporation will be barred unless a proceeding to enforce the claim is commenced within two (2) years after the publication date of this notice.

This cumulative table gives you the latest status of rules. It contains citations of rulemakings adopted or proposed after deadline for the monthly Update Service to the *Code of State Regulations*. Citations are to volume and page number in the *Missouri Register*, except for material in this issue. The first number in the table cite refers to the volume number or the publication year – 47 (2022) and 48 (2023). MoReg refers to *Missouri Register* and the numbers refer to a specific *Register* page, R indicates a rescission, W indicates a withdrawal, S indicates a statement of actual cost, T indicates an order terminating a rule, N.A. indicates not applicable, RAN indicates a rule action notice, RUC indicates a rule under consideration, and F indicates future effective date.

RULE NUMBER	AGENCY	EMERGENCY	PROPOSED	ORDER	IN ADDITION
1 CSR 10	OFFICE OF ADMINISTRATION				
1 CSR 10-3.010	State Officials' Salary Compensation Schedule Commissioner of Administration		48 MoReg 1757		47 MoReg 1457
	DEPARTMENT OF AGRICULTURE				
2 CSR 30-1.010	Animal Health		48 MoReg 1596		
2 CSR 30-2.004	Animal Health		48 MoReg 987		
2 CSR 30-2.010	Animal Health		48 MoReg 989		
2 CSR 30-2.020	Animal Health		48 MoReg 995		
2 CSR 30-2.040	Animal Health		48 MoReg 1000		
2 CSR 30-9.100	Animal Health		48 MoReg 1180R	This Issue R	
2 CSR 30-9.110	Animal Health		48 MoReg 1180R	This Issue R	
2 CSR 90-20.040	Weights, Measures and Consumer Protection		48 MoReg 1009	48 MoReg 1847	
2 CSR 90-21.010	Weights, Measures and Consumer Protection		48 MoReg 41	48 MoReg 959	
2 CSR 90-22.140	Weights, Measures and Consumer Protection		48 MoReg 1009	48 MoReg 1847	
2 CSR 90-23.010	Weights, Measures and Consumer Protection		48 MoReg 1009	48 MoReg 1847	
2 CSR 90-25.010	Weights, Measures and Consumer Protection		48 MoReg 1010	48 MoReg 1847	
	DEPARTMENT OF CONSERVATION				
3 CSR 10-4.111	Conservation Commission		48 MoReg 1813		
3 CSR 10-5.215	Conservation Commission		48 MoReg 1180	48 MoReg 1848	
3 CSR 10-5.250	Conservation Commission		48 MoReg 1183	48 MoReg 1849	
3 CSR 10-5.300	Conservation Commission		48 MoReg 1185	48 MoReg 1849	
3 CSR 10-5.310	Conservation Commission		48 MoReg 1187	48 MoReg 1850	
3 CSR 10-5.315	Conservation Commission		48 MoReg 1189	48 MoReg 1851	
3 CSR 10-5.320	Conservation Commission		48 MoReg 1191	48 MoReg 1851	
3 CSR 10-5.324	Conservation Commission		48 MoReg 1193	48 MoReg 1852	
3 CSR 10-5.330	Conservation Commission		48 MoReg 1193	48 MoReg 1852	
3 CSR 10-5.331	Conservation Commission		48 MoReg 1195	48 MoReg 1853	
3 CSR 10-5.340	Conservation Commission		48 MoReg 1195	48 MoReg 1853	
3 CSR 10-5.345	Conservation Commission		48 MoReg 1197	48 MoReg 1854	
3 CSR 10-5.351	Conservation Commission		48 MoReg 1199	48 MoReg 1855	
3 CSR 10-5.352	Conservation Commission		48 MoReg 1201	48 MoReg 1855	
3 CSR 10-5.359	Conservation Commission		48 MoReg 1203	48 MoReg 1856	
3 CSR 10-5.360	Conservation Commission		48 MoReg 1205	48 MoReg 1857	
3 CSR 10-5.365	Conservation Commission		48 MoReg 1207	48 MoReg 1858	
3 CSR 10-5.370	Conservation Commission		48 MoReg 1209	48 MoReg 1858	
3 CSR 10-5.425	Conservation Commission		48 MoReg 1211	48 MoReg 1859	
3 CSR 10-5.430	Conservation Commission		48 MoReg 1213	48 MoReg 1859W	
3 CSR 10-5.435	Conservation Commission		48 MoReg 1215	48 MoReg 1860	
3 CSR 10-5.436	Conservation Commission		48 MoReg 1217	48 MoReg 1860	
3 CSR 10-5.440	Conservation Commission		48 MoReg 1219	48 MoReg 1861W	
3 CSR 10-5.445	Conservation Commission		48 MoReg 1221	48 MoReg 1861	
3 CSR 10-5.460	Conservation Commission		48 MoReg 1223	48 MoReg 1861	
3 CSR 10-5.465	Conservation Commission		48 MoReg 1223	48 MoReg 1862	
3 CSR 10-5.540	Conservation Commission		48 MoReg 1225	48 MoReg 1862	
3 CSR 10-5.545	Conservation Commission		48 MoReg 1227	48 MoReg 1862	
3 CSR 10-5.551	Conservation Commission		48 MoReg 1229	48 MoReg 1863	
3 CSR 10-5.552	Conservation Commission		48 MoReg 1231	48 MoReg 1864	
3 CSR 10-5.554	Conservation Commission		48 MoReg 1233	48 MoReg 1865	
3 CSR 10-5.559	Conservation Commission		48 MoReg 1235	48 MoReg 1865	
3 CSR 10-5.560	Conservation Commission		48 MoReg 1235	48 MoReg 1866	
3 CSR 10-5.565	Conservation Commission		48 MoReg 1237	48 MoReg 1867	
3 CSR 10-5.567	Conservation Commission		48 MoReg 1239	48 MoReg 1867	
3 CSR 10-5.570	Conservation Commission		48 MoReg 1241	48 MoReg 1867	
3 CSR 10-5.576	Conservation Commission		48 MoReg 1243	48 MoReg 1867	
3 CSR 10-5.579	Conservation Commission		48 MoReg 1245	48 MoReg 1868	
3 CSR 10-5.580	Conservation Commission		48 MoReg 1247	48 MoReg 1869	
3 CSR 10-5.600	Conservation Commission		48 MoReg 1249	48 MoReg 1869	
3 CSR 10-5.605	Conservation Commission		48 MoReg 1249	48 MoReg 1870	
3 CSR 10-6.405	Conservation Commission		48 MoReg 1249	48 MoReg 1870	
3 CSR 10-6.535	Conservation Commission		48 MoReg 1250	48 MoReg 1870	
3 CSR 10-7.440	Conservation Commission		48 MoReg 1813		
3 CSR 10-9.350	Conservation Commission		48 MoReg 1250	48 MoReg 1870	
3 CSR 10-9.351	Conservation Commission		48 MoReg 1252	48 MoReg 1870	
3 CSR 10-9.352	Conservation Commission		48 MoReg 1252	48 MoReg 1871	
3 CSR 10-9.370	Conservation Commission		48 MoReg 1252	48 MoReg 1871	
3 CSR 10-9.420	Conservation Commission		48 MoReg 1253	48 MoReg 1871	
3 CSR 10-9.425	Conservation Commission		48 MoReg 1253	48 MoReg 1871	
3 CSR 10-9.440	Conservation Commission		48 MoReg 1255	48 MoReg 1871	
3 CSR 10-9.560	Conservation Commission		48 MoReg 1255	48 MoReg 1872	
3 CSR 10-9.565	Conservation Commission		48 MoReg 1257	48 MoReg 1872	
3 CSR 10-9.570	Conservation Commission		48 MoReg 1259	48 MoReg 1872	
3 CSR 10-9.575	Conservation Commission		48 MoReg 1260	48 MoReg 1872	
3 CSR 10-9.625	Conservation Commission		48 MoReg 1260	48 MoReg 1872	
3 CSR 10-9.627	Conservation Commission		48 MoReg 1263	48 MoReg 1873	

RULE NUMBER	AGENCY	EMERGENCY	PROPOSED	ORDER	IN ADDITION
3 CSR 10-9.640	Conservation Commission		48 MoReg 1265	48 MoReg 1873	
3 CSR 10-10.707	Conservation Commission		48 MoReg 1265	48 MoReg 1873W	
3 CSR 10-10.708	Conservation Commission		48 MoReg 1267	48 MoReg 1873W	
3 CSR 10-10.720	Conservation Commission		48 MoReg 1269	48 MoReg 1874	
3 CSR 10-10.722	Conservation Commission		48 MoReg 1272	48 MoReg 1874	
3 CSR 10-10.724	Conservation Commission		48 MoReg 1272	48 MoReg 1874	
3 CSR 10-10.728	Conservation Commission		48 MoReg 1272	48 MoReg 1874	
3 CSR 10-10.732	Conservation Commission		48 MoReg 1273	48 MoReg 1874	
3 CSR 10-10.744	Conservation Commission		48 MoReg 1273	48 MoReg 1875	
3 CSR 10-10.767	Conservation Commission		48 MoReg 1275	48 MoReg 1875	
3 CSR 10-10.788	Conservation Commission		48 MoReg 1277	48 MoReg 1875	
3 CSR 10-11.120	Conservation Commission		48 MoReg 1814		
3 CSR 10-11.130	Conservation Commission		48 MoReg 1815		
3 CSR 10-11.215	Conservation Commission			48 MoReg 1875	
3 CSR 10-12.110	Conservation Commission		48 MoReg 1815		
3 CSR 10-12.115	Conservation Commission		48 MoReg 1816		
3 CSR 10-12.125	Conservation Commission			48 MoReg 1875	
3 CSR 10-12.135	Conservation Commission		48 MoReg 1816		
3 CSR 10-12.140	Conservation Commission			48 MoReg 1876	
3 CSR 10-12.145	Conservation Commission			48 MoReg 1877	
3 CSR 10-12.150	Conservation Commission		48 MoReg 1277	48 MoReg 1877	
DEPARTMENT OF ECONOMIC DEVELOPMENT					
4 CSR 85-5.020	Division of Business and Community Solutions		48 MoReg 1599		
4 CSR 85-5.030	Division of Business and Community Solutions		48 MoReg 1601		
4 CSR 85-5.040	Division of Business and Community Solutions		48 MoReg 1602		
4 CSR 85-5.050	Division of Business and Community Solutions		48 MoReg 1602		
4 CSR 85-5.060	Division of Business and Community Solutions		48 MoReg 1603		
4 CSR 85-5.070	Division of Business and Community Solutions		48 MoReg 1603		
4 CSR 85-5.080	Division of Business and Community Solutions		48 MoReg 1603		
4 CSR 85-5.090	Division of Business and Community Solutions		48 MoReg 1604		
4 CSR 85-5.100	Division of Business and Community Solutions		48 MoReg 1605		
4 CSR 85-5.110	Division of Business and Community Solutions		48 MoReg 1606		
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION					
5 CSR 20-100.105	Division of Learning Service		48 MoReg 1364R		
5 CSR 20-100.185	Division of Learning Service		48 MoReg 1364		
5 CSR 20-100.230	Division of Learning Services		48 MoReg 307		
5 CSR 20-100.255	Division of Learning Services		48 MoReg 1367R		
5 CSR 20-200.275	Division of Learning Services		48 MoReg 955	This Issue	
5 CSR 20-500.210	Division of Learning Services		48 MoReg 1367		
5 CSR 20-500.220	Division of Learning Services		48 MoReg 1372		
5 CSR 20-500.240	Division of Learning Services		48 MoReg 1372		
5 CSR 20-500.260	Division of Learning Services		48 MoReg 1758		
5 CSR 20-500.270	Division of Learning Services		48 MoReg 1760		
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5 CSR 25-500.010	Office of Childhood		48 MoReg 1373		
5 CSR 25-500.102	Office of Childhood		48 MoReg 1374		
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5 CSR 25-500.182	Office of Childhood		48 MoReg 1379		
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13 CSR 70-15.160	MO HealthNet Division	48 MoReg 1357	48 MoReg 1546		
13 CSR 70-20.320	MO HealthNet Division		48 MoReg 734	48 MoReg 1647	
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19 CSR 60-50	Missouri Health Facilities Review Committee				48 MoReg 1649 48 MoReg 1724 48 MoReg 1789
19 CSR 73-2.025	Missouri Board of Nursing Home Administrators		48 MoReg 956	48 MoReg 1788	
19 CSR 73-2.080	Missouri Board of Nursing Home Administrators		48 MoReg 957	48 MoReg 1788	

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20 CSR	Applied Behavior Analysis Maximum Benefit				48 MoReg 529
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20 CSR	Non-Economic Damages in Medical Malpractice Cap				48 MoReg 326
20 CSR	Sovereign Immunity Limits				47 MoReg 1801
20 CSR	State Legal Expense Fund Cap				48 MoReg 529
20 CSR 400-5.600	Life, Annuities and Health				48 MoReg 1649
20 CSR 2010-2.140	Missouri State Board of Accountancy		48 MoReg 1308R 48 MoReg 1308	48 MoReg 1879R 48 MoReg 1879	
20 CSR 2030-14.020	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects		48 MoReg 1832		
20 CSR 2030-14.030	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects		48 MoReg 1833		
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20 CSR 2115-2.040	State Committee of Dietitians		48 MoReg 317	48 MoReg 964	
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20 CSR 2231-3.030	Division of Professional Registration		48 MoReg 1392		
20 CSR 2234-1.050	Board of Private Investigator and Private Fire Investigator Examiners		48 MoReg 1309	48 MoReg 1879	
20 CSR 2235-1.020	State Committee Psychologists		48 MoReg 922	48 MoReg 1648	
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20 CSR 2245-1.010	Real Estate Appraisers		48 MoReg 1785		
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20 CSR 4240-13.075	Public Service Commission		48 MoReg 1025		
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1 CSR 10-11.010	State of Missouri Travel Regulations48 MoReg 789	April 3, 2023.	Jan. 10, 2024
Department of Public Safety			
Missouri 911 Service Board			
11 CSR 90-2.010	Definitions.	48 MoReg 1535	Aug. 28, 2023. Feb. 22, 2024
Department of Social Services			
Children's Division			
13 CSR 35-60.010	Family Homes Offering Foster Care	48 MoReg 1673	Aug. 28, 2023. Feb. 23, 2024
13 CSR 35-60.040	Physical and Environmental Standards.	48 MoReg 1673	Aug. 28, 2023. Feb. 23, 2024
13 CSR 35-60.050	Care of Children	48 MoReg 1674.	Aug. 28, 2023. Feb. 23, 2024
13 CSR 35-71.015	Background Checks for Personnel of Residential Care Facilities and Child Placing Agencies	48 MoReg 1149.	June 13, 2023. Dec. 9, 2023
13 CSR 35-71.020	Basic Residential Treatment for Children and Youth Core Requirements (Applicable To All Agencies) – Basis for Licensure and Licensing Procedures	48 MoReg 1675	Aug. 28, 2023. Feb. 23, 2024
13 CSR 35-71.045	Personnel.	48 MoReg 1676	Aug. 28, 2023. Feb. 23, 2024
13 CSR 35-71.070	Protection and Care of the Child	48 MoReg 1677.	Aug. 28, 2023. Feb. 23, 2024
MO HealthNet Division			
13 CSR 70-10.020	Prospective Reimbursement Plan for Nursing Facility and HIV Nursing Facility Services	48 MoReg 1150.	May 31, 2023. Nov. 26, 2023
13 CSR 70-15.110	Federal Reimbursement Allowance (FRA)	48 MoReg 1349	June 30, 2023. Dec. 26, 2023
13 CSR 70-15.160	Outpatient Hospital Services Reimbursement Methodology.	48 MoReg 1357.	June 30, 2023. Dec. 26, 2023
Department of Health and Senior Services			
Office of the Director			
19 CSR 10-3.050	Graduate Medical Education Grant Program	48 MoReg 1747.	Sept. 18, 2023. March 15, 2024
19 CSR 10-3.060	Health Professional Loan Repayment Program	Next Issue.	Oct. 27, 2023. April 23, 2024
19 CSR 10-60.060	Health Professional Loan Repayment Program	This Issue	Oct. 13, 2023. Term. Oct. 6, 2023
Division of Regulation and Licensure			
19 CSR 30-1.002	Schedules of Controlled Substances	This Issue	Oct. 10, 2023. April 6, 2024
19 CSR 30-20.125	Unlicensed Assistive Personnel Training Program	48 MoReg 1177.	June 6, 2023. Dec. 2, 2023
Department of Commerce and Insurance			
State Board of Registration for the Healing Arts			
20 CSR 2150-5.025	Administration of Vaccines	48 MoReg 1678	Aug. 28, 2023. Feb. 23, 2024
State Board of Pharmacy			
20 CSR 2220-2.410	Class B Hospital Pharmacy Compounding for Drug Shortages.	48 MoReg 1421.	July 6, 2023. Term. Oct.3, 2023
20 CSR 2220-2.410	Class B Hospital Pharmacy Compounding for Drug Shortages Termination	Next Issue.	July 6, 2023. Term. Oct.3, 2023
20 CSR 2220-6.050	Administration of Vaccines	48 MoReg 1680	Aug. 28, 2023. Feb. 23, 2024

The Secretary of State shall publish all executive orders beginning January 1, 2003, pursuant to section 536.035.2, RSMo.

ORDER	SUBJECT MATTER	FILED DATE	PUBLICATION
2023			
23-08	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated due to forecasted severe storm systems	August 5, 2023	48 MoReg 1684
23-07	Designates members of his staff to have supervisory authority over departments, divisions and agencies of state government	July 28, 2023	48 MoReg 1595
23-06	Rescinds Executive Order 17-20	June 29, 2023	48 MoReg 1423
23-05	Declares drought alerts for 60 Missouri counties in accordance with the Missouri Drought Mitigation and Response Plan	May 31, 2023	48 MoReg 1179
23-04	Designates members of the governor's staff as having supervisory authority over each department, division, or agency of state government	April 14, 2023	48 MoReg 911
23-03	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated due to severe storm systems	March 31, 2023	48 MoReg 795
23-02	Extends Executive Order 22-08, the State of Emergency, and waives until February 28, 2023	January 24, 2023	48 MoReg 433
23-01	Orders the commencement of the Missourians Aging with Dignity Initiative, with directives to support all citizens as they age	January 19, 2023	48 MoReg 431
2022			
22-11	Extends Executive Order 22-08, the State of Emergency, and waives until January 31, 2023	December 29, 2022	48 MoReg 193
22-10	Declares that the current State of Emergency shall permit certain vehicles be temporarily exempt from some hours of service requirements	December 21, 2022	48 MoReg 191
22-09	Declares a call and order into active service of the organized militia and directs the Missouri State Emergency Operations Plan be activated due to forecasted severe winter storm systems	December 20, 2022	48 MoReg 189
22-08	Declares a State of Emergency and waives certain regulations to allow other registered entities to fill liquefied petroleum gas containers owned by Gygr-Gas	December 15, 2022	48 MoReg 117
22-07	Extends Executive Order 22-04 to address drought-response efforts until March 1, 2023	November 28, 2022	48 MoReg 39
22-06	Closes executive branch state offices for Friday, November 25, 2022	November 7, 2022	47 MoReg 1708
Proclamation	Convenes the One Hundred First General Assembly in the First Extraordinary Session of the Second Regular Session regarding extension of agricultural tax credits and to enact legislation amending Missouri income tax	August 22, 2022	47 MoReg 1420
22-05	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated due to severe storm systems	July 26, 2022	47 MoReg 1279
22-04	Declares a drought alert for 53 Missouri counties and orders the director of the Department of Natural Resources to activate and designate a chairperson for the Drought Assessment Committee	July 21, 2022	47 MoReg 1277
Proclamation	In accordance with <i>Dobbs</i> , Section 188.017, RSMo, is hereby effective as of the date of this order	June 24, 2022	47 MoReg 1075
22-03	Terminates the State of Emergency declared in Executive Order 22-02	February 7, 2022	47 MoReg 411

ORDER	SUBJECT MATTER	FILED DATE	PUBLICATION
22-02	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated due to forecasted severe winter storm systems	February 1, 2022	47 MoReg 304
22-01	Establishes and Designates the Missouri Early Childhood State Advisory Council	January 7, 2022	47 MoReg 222

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preapproval of claims/accounts and direct deposit:
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2 CSR 30-9.110; 7/3/23, 11/1/23
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health requirements governing the admission of
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Rulemaking Classes

Are you new to rulemaking or in need of a refresher course to assist you in filing rules or understanding the rulemaking process?

The Administrative Rules Division offers group and individual classes for rule drafting and preparation of rule packets. Please call Curtis at (573) 751-2022 or email curtis.treat@sos.mo.gov to schedule a class.

We offer both in-person and virtual classes.

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