Rules of
Department of Transportation
Division 60—Highway Safety Division
Chapter 2—Breath Alcohol Ignition Interlock Device Certification and Operational Requirements

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Title 7—DEPARTMENT OF TRANSPORTATION
Division 60—Highway Safety Division
Chapter 2—Breath Alcohol Ignition Interlock Device Certification and Operational Requirements

7 CSR 60-2.010 Definitions

PURPOSE: This rule defines the terms used in the breath alcohol ignition interlock device certification and operational requirements.

(1) Definitions.
(A) The following words and terms as used in these requirements shall have the following meaning:
1. Alcohol retest setpoint—The breath alcohol concentration at which the ignition interlock device is set to lock the ignition for the rolling retest;
2. Alcohol setpoint—The breath alcohol concentration at which the ignition interlock device is set to lock the ignition. The alcohol setpoint is the nominal lock point at which the ignition interlock device is set at the time of calibration;
3. Alveolar air—Deep lung air or alveolar breath, which is the last portion of a prolonged, uninterrupted exhalation;
4. Authorized service provider—A person, company, or authorized franchise who is certified by the state of Missouri to provide breath alcohol ignition interlock devices under sections 577.600–577.614, RSMo;
5. Bogus breath sample—Any gas sample other than an unaltered, undiluted, and unfiltered alveolar air sample from a driver;
6. Breath alcohol concentration (BAC)—The number of grams of alcohol (% weight/volume) per two hundred ten (210) liters of breath;
7. Breath alcohol ignition interlock device (BAIID)—A mechanical unit that is installed in a vehicle which requires the taking of a BAC test prior to the starting of the vehicle and at periodic intervals after the engine has been started. If the unit detects a BAC test result below the alcohol setpoint, the unit will allow the vehicle’s ignition switch to start the engine. If the unit detects a BAC test result at or above the alcohol setpoint, the vehicle will be prohibited from starting;
8. Breath sample—Expired human breath containing primarily alveolar air;
9. Calibration—The process which ensures an accurate alcohol concentration reading on a device;
10. Circumvention—An unauthorized, intentional, or overt act or attempt to start, drive, or operate a vehicle equipped with a breath alcohol ignition interlock device without the driver of the vehicle providing a pure breath sample;
11. Device—Breath alcohol ignition interlock device (BAIID);
12. Download—The transfer of information from the interlock device’s memory onto disk or other electronic or digital transfer protocol;
13. Emergency service—Unforeseen circumstances in the use and/or operation of a breath alcohol ignition interlock device, not covered by training or otherwise documented, which requires immediate action;
14. Filtered breath sample—A breath sample which has been filtered through a substance in an attempt to remove alcohol from the sample;
15. Independent laboratory—A laboratory which is properly equipped and staffed to conduct laboratory tests on ignition interlock devices;
16. Initial breath test—A breath test required to start a vehicle to ensure that the driver’s BAC is below the alcohol setpoint;
17. Installation—Mechanical placement and electrical connection of a breath alcohol ignition interlock device in a vehicle by installers;
18. Installer—A dealer, distributor, supplier, individual, or service center who provides device calibration, installation, and other related activities as required by the authorized service provider;
19. Lockout—The ability of the device to prevent a vehicle’s engine from starting unless it is serviced or recalibrated;
20. NHTSA—Federal agency known as the National Highway Traffic Safety Administration;
21. Operator—Any person who operates a vehicle that has a court-ordered or Department of Revenue required breath alcohol ignition interlock device installed;
22. Permanent lockout—A feature of a device in which a vehicle will not start until the device is reset by a device installer;
23. Pure breath sample—Expired human breath containing primarily alveolar air and having a breath alcohol concentration below the alcohol setpoint of twenty-five thousandths (.025);
24. Reinstallation—Replacing a breath alcohol ignition interlock device in a vehicle by an installer after it has been removed for service;
25. Retest—Two (2) additional chances to provide a breath sample below the alcohol setpoint when the first sample failed; or three (3) chances to provide a breath alcohol sample below the alcohol setpoint on the rolling retest;
26. Rolling retest—A subsequent breath test that must be conducted five (5) minutes after starting the vehicle and randomly during each subsequent thirty (30)-minute time period thereafter while the vehicle is in operation;
27. Service lockout—A feature of the breath alcohol ignition interlock device which will not allow a breath test and will not allow the vehicle to start until the device is serviced and recalibrated as required;
28. Tampering—An overt, purposeful attempt to physically alter or disable an ignition interlock device, or disconnect it from its power source, or remove, alter, or deface physical anti-tampering measures, so a driver can start the vehicle without taking and passing an initial breath test;
29. Temporary lockout—A feature of the device which will not allow the vehicle to start for fifteen (15) minutes after three (3) failed attempts to blow a pure breath sample; and
30. Violations reset—A feature of a device in which a service reminder is activated due to one (1) of the following reasons:
   A. Two (2) fifteen (15)-minute temporary lockouts within a thirty (30)-day period; or
   B. Any two (2) refusals to provide a retest sample within a thirty (30)-day period.


7 CSR 60-2.020 Approval Procedure

PURPOSE: This rule outlines the necessary steps for manufacturers to get their interlock devices approved and certified in the state of Missouri.

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) Approval Procedure.

(A) Approval Requirement.

1. No ignition interlock device may be leased, sold, serviced, repaired, installed, or used in the state of Missouri under sections 577.600–577.614, RSMo, unless it has been approved by the Missouri Department of Transportation in accordance with the requirements stated herein.

(B) Application.

1. Application to become an authorized service provider must be submitted by a letter requesting approval of a breath alcohol ignition interlock device to the State of Missouri, Department of Transportation, Highway Safety Division, PO Box 270, Jefferson City, MO 65102, in the manner described herein. All applicants must certify that their device—

A. Does not impede the safe operation of a vehicle;
B. Minimizes opportunities to circumvent the device; and
C. Prevents an operator from starting a vehicle when the operator has a breath alcohol concentration which exceeds the alcohol setpoint.

2. An application for certification must include all of the following:

A. A written request for certification of a device on the company's letterhead, signed by an authorized representative of the company;
B. The name and business address of the applicant;
C. The name and model number of the device. A separate application is required for each model of device;
D. Complete technical specifications describing the device's accuracy, reliability, security, data collection and recording, tamper detection, and environmental features;
E. A complete and certified copy of data from an independent laboratory demonstrating that the device meets or exceeds the standards established by the United States Department of Transportation, National Highway Traffic Safety Administration. See section 128.100, RSMo 1993, amended 1996.

3. The state of Missouri will issue a letter of certification or a letter of refusal to certify within sixty (60) days after receipt of a completed application. No device should be deemed approved, regardless of the time frame, unless the applicant has received written notification from the state of Missouri, Department of Transportation, Highway Safety Division.

2. The state of Missouri will notify applicants for certification if their application is incomplete and, if the application is incomplete, will specify what information or documents are needed to complete the application.

3. The state of Missouri, Department of Transportation, Highway Safety Division, will publish and maintain a list of approved devices. The list will be updated as changes occur.


7 CSR 60-2.030 Standards and Specifications

PURPOSE: This rule outlines the minimum standards and specifications for ignition interlock device approval and certification in the state of Missouri.

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) Standards and Specifications.

(A) Beginning July 1, 2009, all devices newly installed into a vehicle must be based on electro-chemical fuel cell sensor technology and shall meet or exceed the standards established by the United States Department of Transportation, National Highway Traffic Safety Administration, identified as “Model Specifications for Breath Alcohol Ignition Interlock Devices” 57 FR 11772–11787 (April 7, 1992), which is incorporated by reference and made a part of this publication. The following standards and specifications shall be deemed approved, regardless of the time frame, unless the applicant has received written notification from the state of Missouri, Department of Transportation, Highway Safety Division.
(B) All approved devices must have an alcohol setpoint of twenty-five thousandths (.025) for initial startup.

1. A device shall be programmed to allow a maximum of three (3) attempts to blow a breath sample below the alcohol setpoint within a ten (10)-minute period.

2. Three (3) failed startup attempts within a ten (10)-minute period shall result in a fifteen (15)-minute temporary lockout.

3. Two (2) fifteen (15)-minute temporary lockouts within a thirty (30)-day period will result in a violations reset message.

4. The violations reset message shall instruct the operator to return the device to the installer for servicing within five (5) working days.

   A. As the result of a reset message, the installer must download the device.

   B. The installer must report all violations to the court-ordered supervising authority within three (3) working days.

5. If the vehicle is not returned to the installer within five (5) working days, the device shall cause the vehicle to enter a permanent lockout condition.

(C) A retest feature is required for all devices.

1. A device shall be programmed to require a rolling retest five (5) minutes after the start of the vehicle and randomly during each subsequent thirty (30)-minute time period thereafter as long as the vehicle is in operation.

2. Any breath sample above the alcohol retest setpoint of twenty-five thousandths (.025) or any failure to provide a retest sample within five (5) minutes shall activate the vehicle’s horn or other installed alarm and/or cause the vehicle’s emergency lights to flash until the engine is shut off by the operator.

   Three (3) breath samples above the alcohol setpoint or three (3) consecutive refusals by the driver to provide a retest sample will result in a violations reset message.

3. The violations reset message shall instruct the operator to return the device to the installer for servicing within five (5) working days.

   A. As the result of a reset message, the installer must download and calibrate the device.

   B. The installer must report all violations to the court-ordered supervising authority within three (3) working days.

4. If the vehicle is not returned to the installer within five (5) working days, the device shall cause the vehicle to enter a permanent lockout condition.

(D) The device shall be calibrated at least once every thirty (30) days. If the vehicle is not returned to the installer within five (5) working days of a scheduled service date, the device shall cause the vehicle to enter a service lockout condition.

(E) A device shall record data in its memory in such a manner that a hard copy report can be printed which includes all of the following information:

1. The date and time of any use or attempted use of a vehicle;

2. The date and time of any act or attempt to tamper or circumvent the device;

3. The date, time, and breath alcohol concentration, in grams per two hundred ten (210) liters of air, of each breath sample provided to the device;

4. The date and time of any malfunctions of the device;

5. The date and time of any failures to provide retest samples;

6. The date that a “service required” (that is, violations reset) message is issued to the operator; and

7. The date that any service is performed.

(F) A device must provide all of the following information to an operator:

1. The device’s readiness for acceptance of a breath sample;

2. A numeric display of the breath alcohol concentration in grams per two hundred ten (210) liters of air, or a visual pass/fail indicator, or a combination audio response and visual pass/fail indicator, or a combination audio response and a numeric display;

3. A reminder seven (7) working days prior to a scheduled service date; and

4. A warning to obtain service within five (5) working days if any of the following conditions occur:

   A. Any act or attempt to tamper or circumvent the device; and

   B. A scheduled service date is missed.


any civil or criminal proceedings or administrative hearings as to the method of manufacture of the device, how said device functions, and the testing protocol by which the device was evaluated for approval. Failure to provide testimony may result in suspension or revocation of approval for the device;

4. The authorized service provider shall notify the Missouri Department of Transportation, Highway Safety Division in writing of any material modification or alteration in the components, design, or installation and operating instructions of any device approved for use in the state of Missouri and shall provide the Highway Safety Division satisfactory proof that any modifications or alterations do not adversely affect the ability of the device to satisfy the standards established by the United States Department of Transportation, National Highway Traffic Safety Administration, identified as “Model Specifications for Breath Alcohol Ignition Interlock Devices” 57 FR 11772–11787 (April 7, 1992), which is incorporated by reference and made a part of this rule as published in the Federal Register by the National Highway Traffic Safety Administration, 1200 New Jersey SE, Washington, DC 20590 and effective April 7, 1992. This rule does not incorporate any subsequent amendments or additions to this publication;

5. The authorized service provider must provide informational materials to the Division of Probation and Parole, the circuit courts (including circuit, associate, and municipal divisions), and the Department of Revenue for distribution to operators at no cost;

6. In cases of operator noncompliance, the authorized service provider or his/her installer shall notify the appropriate court-ordered supervising authority before the end of the next working day. Noncompliance shall include tampering, circumvention, violations resets, high breath alcohol concentration (BAC), missing a scheduled service date, or other noncompliance as determined by the referring court;

7. The authorized service provider shall notify the appropriate court-ordered supervising authority by the end of the next working day of removal of a device;

8. The authorized service provider shall conduct physical tamper inspections any time the device is serviced or given routine inspection, maintenance, or repair. Tamper inspections shall include the following:
   A. Inspection of all external wiring, insulation, connections, tamper seals, and sheathing for the device and where the device connects to the vehicle; and
   B. Checking the device for proper operation to ensure tamper detection capabilities;

9. The authorized service provider must immediately notify the chief law enforcement official of the county, or a city not within a county, where the installer is located and the court-ordered supervising authority of any evidence of tampering with or circumvention of the device. The evidence must be preserved by the authorized service provider or his/her installer until otherwise notified by local law enforcement officials;

10. The authorized service provider must provide summary reports every thirty (30) days to the court-ordered supervising authority. The summary reports must contain a summary of violations, the number of starts, and all noncompliance on devices placed in service in the state of Missouri under sections 577.600–577.614, RSMo;

11. The authorized service provider must provide to the court-ordered supervising authority additional reports, to include, but not be limited to, records of installation, calibrations, maintenance checks, and usage records on devices placed in service in the state of Missouri under sections 577.600–577.614, RSMo. These records shall be agreed upon and transmitted using electronic transfer protocols or in hard copy;

12. The authorized service provider must provide a quarterly status report to the Missouri Department of Transportation, Highway Safety Division. The first quarter of each year shall be January 1 through March 31. The quarterly reports should reach the Highway Safety Division on or before the fifteenth of the month immediately following the end of the quarter. The reports shall be filed electronically and contain the following information: the name of the ignition interlock device, total number of devices in operation in Missouri each quarter at the time of reporting, total number of devices installed during the quarter, total number of voluntary installations during the quarter, total number of devices removed during the quarter, total number of breath alcohol tests resulting in a BAC above the alcohol setpoint, total number of attempts to circumvent the device, and the total number of devices that malfunctioned or were defective;

13. The authorized service provider shall grant the state of Missouri the right to inspect or request copies of any and all operator files and records on a random basis;

14. The authorized service provider shall supply for each ignition interlock device installed as a result of a Missouri probation order a warning label, which shall not be less than one-half inch (1/2") in height by three inches (3") in length and shall contain the following language: “WARNING! ANY PERSON TAMPERING, CIRCUMVENTING OR OTHERWISE MISUSING THIS DEVICE IS GUILTY OF A CLASS A MISDEMEANOR.”;

15. The authorized service provider must notify the Highway Safety Division electronically or in writing of changes in the status of any installer and additions or deletions or other changes to its complete listing of all installers that includes the name, location, phone number, contact name, and hours of operation. Such notification shall occur at least once per month and shall occur more frequently if additional changes are made; and

16. The authorized service provider shall electronically notify the Department of Revenue in a format as determined by the director of revenue within one (1) working day of the following:
   A. The date the ignition interlock device was installed;
   B. The driver’s failure to have the ignition interlock device calibrated every thirty (30) days; and
   C. The date the ignition interlock device was removed.

(B) The responsibilities of an authorized service provider to the operator shall include:
   1. Written instructions on how to clean and care for the device;
   2. Written instructions on what type of vehicle malfunctions or repairs may affect the device, and what to do when such repairs are necessary;
   3. Written and hands-on training for the operator, and all persons who will use the vehicle, on how to use the device after it is installed in the operator’s vehicle. Training shall include operation, maintenance, and safeguards against improper operations;
   4. An emergency twenty-four (24)-hour toll-free telephone number that the operator may contact to receive assistance in the event of device failure or vehicle problems related to the interlock device.

   A. Assistance shall include technical information, tow service, and/or road service;

   B. Emergency assistance related to the failure of a device should be provided within two (2) hours for vehicles located in or near an area with an installation or repair center.

   C. The device must be made functional within twenty-four (24) hours from when the call for assistance is made or the device must be replaced;

   5. Restoration of the operator’s vehicle to its original condition after removal of the breath alcohol ignition interlock device; and
6. Access to an enclosed building with a separate waiting area for operators. If installation is by a mobile unit, the operator must have a separate, enclosed waiting area available.

(C) The responsibilities of an authorized service provider to the installer shall include:
1. Authorized service providers shall ensure that installers follow certified standards and specifications for service;
2. Authorized service providers shall ensure that installers have the appropriate skills, equipment, and facilities necessary to comply with all of the certification and operational requirements outlined herein; and
3. Authorized service providers shall ensure that installers comply with all of the reporting requirements outlined herein.


**7 CSR 60-2.050 Breath Alcohol Ignition Interlock Device Security**

**PURPOSE:** This rule outlines the security requirements of the authorized service providers.

**(1) Security.**

(A) The authorized service providers shall be responsible for ensuring that the installers comply with all of the following security requirements:
1. Only authorized employees of an installer may observe the installation of a device. Reasonable security measures must be taken to prevent the operator from observing the installation of a device, or obtaining access to installation materials;
2. An installer is prohibited from assisting or facilitating any tampering or circumvention of a device; and
3. An installer may not install or service a device on a vehicle owned or operated by any of its employees.


**7 CSR 60-2.060 Suspension, or Revocation of Approval of a Device**

**PURPOSE:** This rule outlines the conditions for which Ignition interlock device certification may be suspended or revoked.

**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) Suspension, or Revocation of Approval of a Device.

(A) The state of Missouri, Department of Transportation, Highway Safety Division may suspend or revoke approval of a device, and remove it from the list of approved devices, for any of the following reasons:
1. Defects in design, materials, or workmanship causing repeated failures of a device;
2. Termination or cancellation of an authorized service provider’s liability insurance;
3. Discontinuance in the business of manufacturing devices;
4. Voluntary request by an authorized service provider to cancel approval of a device;
5. Violation by an authorized service provider, or installer, of any of the provisions set forth in 7 CSR 60-2.010 through 7 CSR 60-2.060; or
6. Modification or alteration of the components, design, or installation and operation instructions in such a way that the requirements of the United States Department of Transportation, National Highway Traffic Safety Administration, identified as “Model Specifications for Breath Alcohol Ignition Interlock Devices” 57 FR 11772–11787, which is incorporated by reference and made a part of this rule as published in the Federal Register by the National Highway Traffic Safety Administration, 1200 New Jersey SE, Washington, DC 20590 and effective April 7, 1992, are no longer satisfied. This rule does not incorporate any subsequent amendments or additions to this publication.

(B) Notice of suspension or revocation shall be mailed to a representative of the authorized service provider at the last known address on file with the Missouri Department of Transportation, Highway Safety Division. The notice is deemed received three (3) days after mailing unless returned by postal authorities.

(C) A suspension or revocation is effective fifteen (15) days after notification is deemed received by the authorized service provider.

(D) An authorized service provider may request an informal review of a suspension or revocation. This request must be submitted to the Missouri Department of Transportation, Highway Safety Division, in writing, within ten (10) days of receipt of a notice of suspension or revocation.

1. The informal review may be conducted in person, in writing, or by telephone with Missouri Department of Transportation, Highway Safety Division personnel delegated to conduct such informal review by the Missouri Highways and Transportation Commission.

2. In the event that the informal review is unable to resolve the dispute between the Highway Safety Division and the authorized service provider, the initial determination shall become the final decision of the commission.

(E) Within ninety (90) days of the event of suspension, revocation or voluntary surrender of approval, an authorized service provider shall be responsible for notifying operators of decertified devices and shall bear the cost for the removal of any and all decertified devices from operators’ vehicles and the installation of new devices which must be selected from the state of Missouri’s list of approved devices.
