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**Rules of  
 Department of Agriculture  
 Division 90—Weights, Measures and Consumer  
 Protection  
 Chapter 11—Anhydrous Ammonia**

<b>Title</b>		<b>Page</b>
<b>2 CSR 90-11.010</b>	ANSI K61.1-1999, Safety Requirements for the Storage and Handling of Anhydrous Ammonia .....	3



**Title 2—DEPARTMENT OF  
AGRICULTURE**  
**Division 90—Weights, Measures and  
Consumer Protection**  
**Chapter 11—Anhydrous Ammonia**

**2 CSR 90-11.010 ANSI K61.1-1999, Safety  
Requirements for the Storage and Hand-  
ling of Anhydrous Ammonia**

*PURPOSE: This rule sets forth minimum safety requirements for the storage, transportation, and handling of anhydrous ammonia.*

*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.*

Summary: The American National Standards Institute (ANSI), *Safety Requirements for the Storage and Handling of Anhydrous Ammonia*, publication No. K61.1-1999, is a guideline established for authorities charged with regulating the storage, transportation, and handling of anhydrous ammonia. These requirements apply to the design, construction, repair, alteration, location, installation, or operation of anhydrous ammonia systems including refrigerated ammonia storage systems. However, these requirements do not apply to ammonia manufacturing plants, refrigeration plants where ammonia is used solely as a refrigerant or ammonia transportation pipelines.

(1) The rule for the Division of Weights and Measures for safety requirements for anhydrous ammonia shall be those guidelines presented in the ANSI K61.1-1999, entitled *Safety Requirements for the Storage and Handling of Anhydrous Ammonia*.

(2) Cylinders and other portable containers used in anhydrous ammonia service shall be designed, fabricated, tested, constructed, marked, and placarded in accordance with the United States Department of Transportation Hazardous Materials regulations contained in 49 CFR parts 100 to 185, which are herein incorporated by reference, and approved for the storage and transportation of anhydrous ammonia. Each cylinder utilized

for the storage and transportation of anhydrous ammonia shall be labeled, in a conspicuous location, with the words "ANHYDROUS AMMONIA" or "CAUTION: ANHYDROUS AMMONIA" and the UN number 1005 (UN 1005).

*AUTHORITY: section 266.355, RSMo 2016. \* Original rule filed Jan. 15, 1985, effective April 11, 1985. Emergency amendment filed Nov. 17, 2003, effective Nov. 27, 2003, expired May 12, 2004. Amended: Filed Nov. 17, 2003, effective May 30, 2004. Amended: Filed June 27, 2018, effective Jan. 30, 2019.*

*\*Original authority: 266.355, RSMo 1983, amended 1993, 2010.*