

Kansas Administrative Regulations

Kansas Department of Agriculture

Article 10.—Anhydrous Ammonia

4-10-4e. Hose specifications.

(a) Each hose with a diameter of at least ½ inch used in ammonia service and subject to container pressure shall withstand at least 350 psig and shall have the following information etched, cast, or impressed in a legible format at intervals not to exceed five feet along the hose surface:

- (1) The phrase "Anhydrous Ammonia";
- (2) the maximum working pressure of the hose; and
- (3) the date the hose is to be removed from service.

(b) Each hose shall meet or exceed ASME schedule 80 specifications and have factory-installed ends designed for use with anhydrous ammonia.

(c) Each hose shall be replaced before or upon the expiration of the manufacturer's removal date.

(d) A hose shall be removed from service if a visual examination reveals any of the following:

- (1) Illegibility of any of the markings required in subsection (a);
- (2) cuts exposing reinforcing fabric;
- (3) soft spots or bulges in the hose;
- (4) a blistering or loose outer covering;
- (5) kinking or flattening;
- (6) stretch marks;
- (7) slippage at any coupling; or

(8) any other damage that could compromise the integrity of the safe use of the hose.

(Authorized by and implementing K.S.A. 2-1212; effective March 12, 2010.)