



## Ohio Administrative Code Rule 901:5-3-08 Hose specification.

Effective: April 1, 2025

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(A) Hose used in ammonia service and subject to container pressure shall conform to the joint "Rubber Manufacturers Association" and "The Fertilizer Institute" "Hose Specifications for Anhydrous Ammonia" "Standard No. M-5."

(B) Hose subject to container pressure shall be designed for a minimum working pressure of three hundred fifty psig and a minimum burst pressure of one thousand seven hundred fifty psig. Hose assemblies, when made up, shall be capable of withstanding a test pressure of five hundred psig.

(C) Hose and hose connections located on the low pressure side of flow control or pressure reducing valves on devices discharging to atmospheric pressure shall be designed for the maximum low side working pressure. All connections shall be designed, constructed, and installed so that there will be no leakage when connected.

(D) Where liquid transfer hose is not drained of liquid upon completion of transfer operations, such hose shall be equipped with an approved shut-off valve at the discharge end.

(E) On all hose one-half inch outside diameter and larger, used for the transfer of anhydrous ammonia liquid or vapor, there shall be etched, cast, or impressed at no less than five-foot intervals the following information:

"Anhydrous Ammonia"

xxx psig (maximum working pressure)

manufacturer's name or trademark

year of manufacture



(F) All hose shall be replaced as recommended by the manufacturer, after evidence of damage, or within five years after date of manufacture if there is no replacement recommendation stamped on the hose.

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