



## Ohio Administrative Code

### Rule 901:5-3-14 Systems mounted on farm equipment for the application of ammonia.

Effective: April 1, 2025

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#### (A) Design and construction of containers:

The minimum design and construction for containers shall be in accordance with rule 901:5-3-03 of the Administrative Code.

#### (B) Mounting of containers:

All containers shall be securely mounted.

#### (C) Container valves and appurtenances:

(1) Each container shall have a fixed maximum liquid level gage;

(2) The filling connection shall be fitted with combination back-pressure check valve and excess flow valve; one double or two single back-pressure check valves; or a position shut-off valve in conjunction with either an internal back-pressure valve or an internal excess-flow valve;

(3) An excess-flow valve is not required in the vapor connection, provided the controlling orifice is not in excess of seven-sixteenths of an inch in diameter and the valve is a hand-operated (attached hand wheel or equivalent) shut-off valve. To assist in filling applicator tanks, it is permissible to bleed vapors to the open air, providing the preceding requirements are met;

(4) Metering devices may be connected directly to the tank withdrawal valve. A union type connection is permissible between the tank valve and metering device. Remote mounting of metering devices is permissible using hose which meets with the specifications required by rule 901:5-3-08 of the Administrative Code. When the applicator tank is trailed and the metering device is remotely mounted, such as on the tractor tool bar, an automatic break-a-way type, self-closing, coupling must be used; and



(5) No excess-flow valve is required in the liquid withdrawal line provided the controlling orifice between the contents of the container and the outlet of the shut-off valve does not exceed seven-sixteenths of an inch in diameter.

(D) Safety equipment:

Each piece of farm equipment transporting anhydrous ammonia shall carry a container of at least five gallons of water and shall be equipped with rubber gloves and either a full face mask, or a pair of tight-fitting goggles, or one full face shield. The driver shall be instructed in their use and the proper action to take to provide for his safety.

(E) Marking of container:

There shall appear on the rear and both sides of the container in letters at least three inches high the words "ANHYDROUS AMMONIA."

(F) Marking of appurtenances:

(1) All container openings, except safety relief valves, liquid level gaging devices, and pressure gages shall be identified by legend or color code as specified in rule 901:5-3-04 of the Administrative Code; and

(2) Instructions for loading and unloading procedures shall be required on all containers.