



ADMINISTRATIVE RULES OF MONTANA

4.12.721 SYSTEMS MOUNTED ON EQUIPMENT (IMPLEMENTS OF HUSBANDRY) FOR THE APPLICATION OF ANHYDROUS AMMONIA

- (1) This section applies to systems mounted on farm equipment and used for the field application of anhydrous ammonia. ARM 4.12.704 through ARM 4.12.718 apply to this section unless otherwise noted.
- (2) Design, working pressure and classification of containers:
 - (a) Containers shall be constructed in accordance with ARM 4.12.704 with a minimum design pressure of 250 psig.
 - (b) The shell or head thickness of any container shall not be less than 3/16 of an inch.
- (3) Mounting of containers:
 - (a) All containers and flow-control devices shall be securely mounted.
 - (b) Applicators must be marked the same way as systems mounted on farm wagons transporting anhydrous ammonia. (See ARM 4.12.720(5) .
- (4) Containers, valves and accessories:
 - (a) Each container shall have a fixed liquid level gauge.
 - (b) The filling connection shall be fitted with a positive shutoff valve in conjunction with either an internal back-pressure check valve or an internal excess-flow valve.
 - (c) To assist in filling applicator tanks, it will be permissible to bleed the tank to open air provided the controlling orifice of the bleeder valve is not in excess of 5/16 inch in diameter. In this instance, an excess flow valve is not required.
 - (d) 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 if the hose which meets the specifications set out in Table B is used. 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, self-closing coupling shall be used.
 - (e) Valves and accessories shall be protected by means of well braced, rigid guards, and secured to the container on both sides of the fittings. The guards shall be designed to withstand a force in any direction of two times the weight of the loaded container.
 - (f) Applicators shall be filled at least 100 yards from any occupied building at any off-approved site.

- (5) Safety equipment and operation shall be in accordance with the Montana Vehicle Code including ARM 23.3.420.

Authorizing statute(s): Sec. 80-10-503, MCA

Implementing statute(s): Sec. 80-10-503, MCA

History: NEW, 1986 MAR p. 1820, Eff. 10/31/86.