

**NON-FARMER / INTERSTATE**  
**NURSE TANK/TRAILER INSPECTION GUIDELINES**  
**Transporting anhydrous ammonia**

- **Shipping Papers & Emergency Response Information (173.315 (m) (7) & 172.600 (d))**
  - Not required. Nurse tanks operated by private carriers, including ag chemical retailers and farmers, for agricultural purposes, are excepted from shipping papers. Emergency information is not required when shipments are excepted from the shipping paper requirements.
- **Placarding (172.504) For Each Tank**
  - Nurse tanks are cargo tanks and require placards on each side and ends. If two tanks are side x side each tank must have 4 placards on it. See exception in 172.507 (b). The proper placard is 2.2
- **Marking (172.328) For Each Tank**
  - Nurse tanks must be marked with their ID numbers (proper ID #1005)
    - Each side & each end if  $\geq$  1000 gallons
    - Two opposing sides if  $<$  1000 gallons
  - Proper shipping name or common name on each side and each end
  - Inhalation Hazard opposing sides
  - Special Permit number if permit required
- **ASME Data Plate**
  - Tanks must have a legible ASME data plate with following information -- if not in compliance must operate under Special Permit.
  - Tank alterations/repairs must be done by a National Board certified (R-Stamp) facility. Documentation of alterations/repairs must be at carrier's place of business.
- **Federal Special Permit (SP 13554)**
  - Tank must be inspected and marked per Special Permit
  - Must have a unique owners unit number for each tank
  - Failure to meet all requirements of the special permit negates the special permit - the tank would be an unauthorized package for NH3
- **Annual Inspection Requirements (396.17 (c) placarded vehicle)**
  - Both units required to be inspected
    - Minnesota Registered towing unit requires Minnesota Annual Inspection Decal
    - Nurse Tank requires proof of annual inspection
- **Daily Inspections (169.782 placarded vehicle)**
  - Required
- **Age Requirement (221.033 (2a))**
  - At least 21 years of age
- **CDL Requirements & Medical Cert. Requirements**
  - Class A,B,or C with HM & Tank Vehicle Endorsements (as appropriate for size of vehicle)  
**OR**
  - Restricted CDL (383.3 (f))
    - No endorsements issued
    - Valid for 180 days in a 12 Month Period
    - Class B & C vehicles only
    - Total quantity of hazmat not to exceed 3,000 gallons. See 383.3(f)(3)(v)
    - Restricted CDL holders may not hold an unrestricted CDL 383.3 (f) (3) (vi)
  - Class A & endorsements required when trailer is  $>$  10,000 lbs and combination is  $>$  26,000 lbs. (Twin tanks may exceed this.)
  - Ag chemical retailer driver needs medical certificate
- **Speed Limitations (169.81(10) (169.522)**
  - Pick-up may tow 2 empty nurse tanks not  $>$  35 mph. and not further than 35 miles from truck owners home post office
  - Loaded nurse tank not  $>$  30 mph
  - 1 Empty nurse tank at lawful speeds  $>$  30 mph
- **Equipment – Same as any trailer**
  - Lighting
    - Tail Lamps
    - Stop Lamps

- Turn Signals
  - Marker & Clearance Lamps
  - ID Lamps
- Brakes
  - >3000 lbs.
  - Breakaway brakes required if >3000 lbs.
- Hitches
  - Required with locking device
  - Safety Chains Required
- **Tank to Trailer Securement**
  - Tanks must be attached to trailer unit with tight and effective fasteners
- **Weight Limitations**
  - No more than 500 lbs per inch of tire tread width
  - Subject to gross weight limits or posted weight limits on bridges