

Anhydrous Ammonia Equipment/Safety QUICK INSPECTION CHECKLIST

KEY:

Caddy Applicator = AP • *Nurse Tank= NT* • *Toolbar = TB*

INSPECT DAILY OR PRIOR TO EACH USE

APPLIES TO	"X" TO CORRECT	ITEMS TO BE CHECKED	APPLIES TO	"X" TO CORRECT	ITEMS TO BE CHECKED
Safety First		NH3 rated goggles/gloves: Wearing when handling NH3 or performing maintenance?	AP & NT		"ANHYDROUS AMMONIA" markings: In 2-inch lettering on both ends and sides of tank – total of 4?
Safety First		Facility Safety Water: Accessible/clean 150 gallons water in open top container or emergency shower with plumbed eyewash?	AP & NT		"INHALATION HAZARD" markings: In 2-inch lettering on both sides of tank – total of 2?
Safety First		Customers provided with NH3 rated goggles and gloves?	AP & NT		"1005" placards: On both ends and sides of tank – total of 4?
AP & NT		Safety Water: 5 gallons of accessible/clean safety water on each AP and NT?	AP		Legible NH3 transfer decal: Listing step-by-step instructions for NH3 transfer.
AP & NT		5 gallon safety water tank: Tank leaking or hosing/fittings cracked?	AP, NT, TB		Two safety chains/hooks, etc.: Of sufficient on AP, NT, TB hitch or towing vehicle.
AP, NT, TB		Running gear: Lubricated, welding, or other maintenance needed?	AP & NT		Tank defects: Dents, cracks, leaks, etc. on tank?
AP, NT, TB		Tire(s) defects/wear: balding, bulges, weather cracked, etc.?	NT		Valve Guard/Roll Cage Defects: Dents or cracks on valve guard/roll cage?
AP, NT, TB		Wheel snug to hub: Rim bolts tight and wheel bearings in good condition?	AP		Vapor transfer compressor: Operating properly?
NT > 1450 Gallons		Brakes: On running gear operating properly?	AP		Vapor venting stack: Made of non-corrosive material and in sound condition?
AP, NT, TB		NH3 rated hosing: Free of defects: Bulges and defects that exposes cords/reinforcement?	AP, NT, TB		Hydrostatic relief valve (hydrostat): 350-400 psi/NH3 rated equipped with a rain cap, installed between each pair of shut-off valves?
AP, NT, TB		Secure both ends of liquid withdrawal hose while in transit?	AP, NT, TB		Hydrostat & Pressure Relief Valve: Clean and free of paint/rust, and equipped with a rain cap?
AP, NT, TB		Hose end valves and bleeders: Are in sound condition?	AP & NT		Pressure relief valves (PRVs): Replaced 5 years after date of installation, and maintain installation record for each tank PRV?
AP, NT, TB		Fittings: 2000 # or greater forged steel or Class 300 malleable iron and Piping: A53, Grade B, Schedule 80, Seamless?	AP & NT		0-400 psig/NH3 rating pressure gauge: Accurately/clearly displays tank pressure and protected by a lens.
AP or TB		Break-away coupling device: Properly installed, maintained, and operating, equipped with bleed valves per manufacturer's recommendations?"	AP & NT		Working 85% fixed and percentage (float) liquid level gauges.
AP or TB		Coupling connecting/disconnecting instructions: Displayed in manner that is readily visible near the break-away coupling device?	AP & NT		Liquid/vapor shut-off valves in adequate condition (not leaking, etc.)?