

Aqueous Ammonia Feed System

IMS Provides Modular Aqueous Ammonia Solution and Feed Systems for Water Processes (Pre-Assembled, Piped, Wired, and Factory Tested)

Skid-Mounted Ammonia Feed System

- Heavy-duty, 62 psig pressure rated solution storage tank
- · Built-in ammonia fume adsorber
- Fully contained system (secondary containment)



Skid-mounted Ammonia Feed System

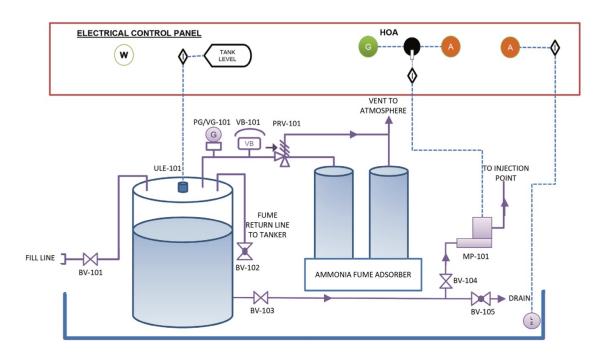
With Enclosure

- Ideal for outdoor and remote locations
- FRP shelter houses equipment in air-conditioned environment
- Complete with lighting, ventilation fan, breaker panel





Process and Instrumentation



System Features	System Benefits
Heavy Duty, 62 psig Pressure Rated Solution Storage Tank	DOT authorized 428 kPa (62 psi) pressure rating Heavy duty cylindrical tank provides superior structural integrity
Built-in Ammonia Fume Adsorber	Prevents ammonia fumes' release to the atmosphere (no odor complaints)
Modular, Factory-assembled and Tested System with Compact Design	 Pre-piped and wired for easy, low-cost installation Modular, portable design for easy relocation Compact small footprint (7 ft x 4 ft x 5 ft ht)
Optional Skid-Mounted Equipment Enclosure Available	Ideal for outdoor and remote locations FRP shelter houses equipment in air-conditioned environment to prevent ammonia vapor formation Complete with lighting, ventilation fan, breaker panel
Automatic Peristaltic Metering Pump with Large Turn Down Ratio	 Metering pump capable of receiving and sending remote signals (4 to 20 mA input/output, remote start-stop, alarms) Robust design (with very low maintenance requirement)
Fully Contained System Automatic Level	Eliminates any risk of Ammonium Hydroxide solution entering floor drains High level switch in containment structure for local and remote alarm
Automatic Level Indication	Equipped with ultrasonic level sensor with local display and remote transmission capability
Integrated Control Panel	Single point of connection by installer



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