

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



SKID-MOUNTED AMMONIA FEED SYSTEM

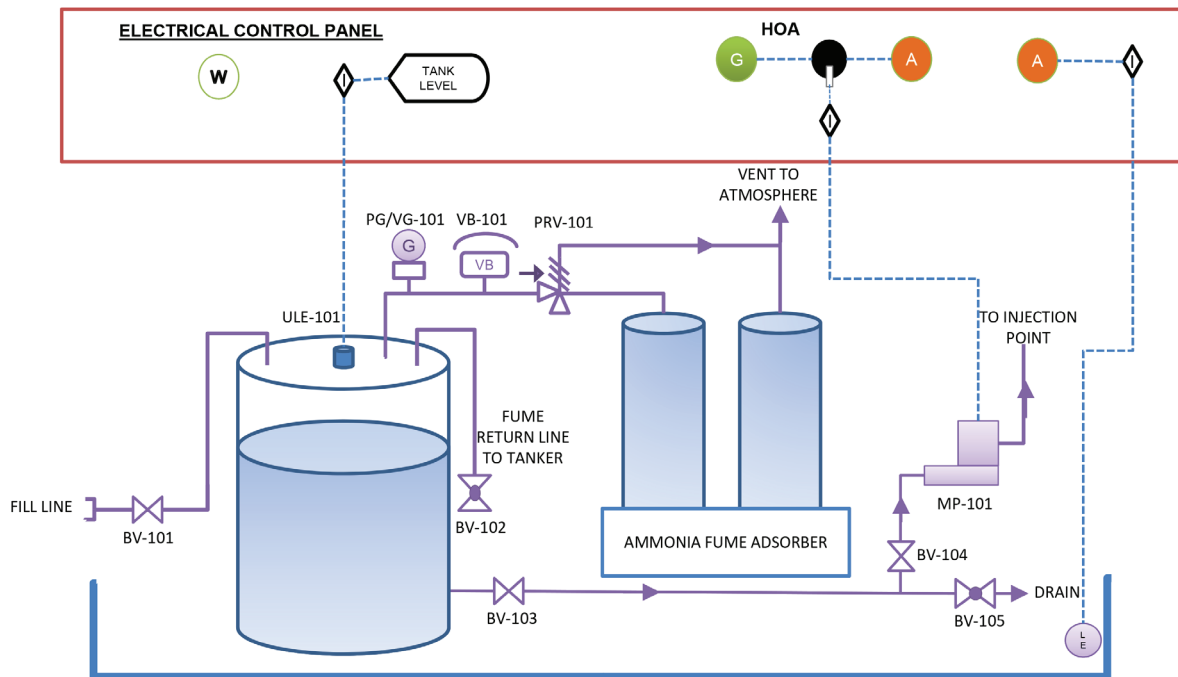
- Heavy-duty, 62 psig pressure rated solution storage tank
- Built-in ammonia fume adsorber
- Fully contained system (secondary containment)

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 DIAGRAM



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

- 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