Integrated Flow Solutions AQAM Series Aqueous Ammonia Unloading Stations are designed to unload 19% & 29% Aqueous Ammonia from transports into a modular Storage/Forwarding System which includes a storage tank, forwarding pump system, instrumentation, & controls. The complete system is designed to minimize field assembly. The forwarding system is designed to transfer the Aqueous Ammonia to the Ammonia Flow Control Unit (AFCU).

**Industries**

![Industry Icons]

**Applications – See industry tab**

**Benefits:**
- Single Source Accountability
- Pre-Packaged Modular Design Costs Less than component based site built which reduces overall project cost
- Minimizes field erection time – shorter overall project delivery schedule
- Complete system function testing prior to shipment
- 24/7 Customer service

**Industry Standards**
- Vessels code stamped ASME Section VIII & National Board Registered
- Piping designed to ANSI B31.1/ANSI B31.3
- Pipe fabrication to ASME Section IX
- Structural Steel Assembly Designed to AWS D1.1
- Complete system designed to API RP 550

**Standard Features:**
- FlowSafe Unloading Station
  - Local indication of:
    - Tank level
    - Flow indication
  - Local manual/automated valve operation
- Storage/Forwarding System
  - Vessel storage up to 30,000 gallons
  - Vessel material options:
    - Carbon Steel or 304L
  - Heavy duty forwarding pumps to meet any hydraulic or NPSHA condition:

**Standard Features (cont.):**
- Centrifugal/Gear/Regen Turbine/Mag drive & canned motor
  - Locally Mounted Control Panel
- Complete factory function test

**Optional Features:**
- Separate Skid Mounted Pump Forwarding System
- Unloading Breakaway Couplings
- PLC Based and Full VFD Control Panel per NEC & NFPA
- UL or CSA Listed Control Panel Assembly
- Complete Factory Performance Test
- Class 1, Div 2 Hazardous Locations
- Compliance with Plant/Engineering Specifications

**Additional Services:**
- “Aspen Plus” Process Simulation Software used to guarantee process conditions
- Installation / Training / Start – Up Supervision
- Extended warranty
- Nationwide Service Network

Integrated Flow Solutions 9807 Whithorn Drive Houston, Texas 77095 281-855-8125

www.IFSolutions.com