

GASGUARD® Bulk Specialty Gas System

Nitrogen Trifluoride (NF₃) Preferred Offering

System Module Configuration

Universal Pigtail

- Configured for 450 L Cylinder Source

Universal Pigtail

- Configured for 4,400 L ISO Source

Dual Cylinder Purge Rack

- Configured for Purge and Leak Test Gases

Manual High Pressure Control Manifold

- Configured with Dual Process Isolation

Process Capabilities

Automated Purge at Universal Pigtails

Automated Switchover and Shutoff

Delivery Pressure Range

- 15 to 85 psig (1 to 6 barg)

Delivery Flow Range

- 0 to 200 SCFH (0 to 100 slpm), minimum
- Higher flows dependent on operating conditions

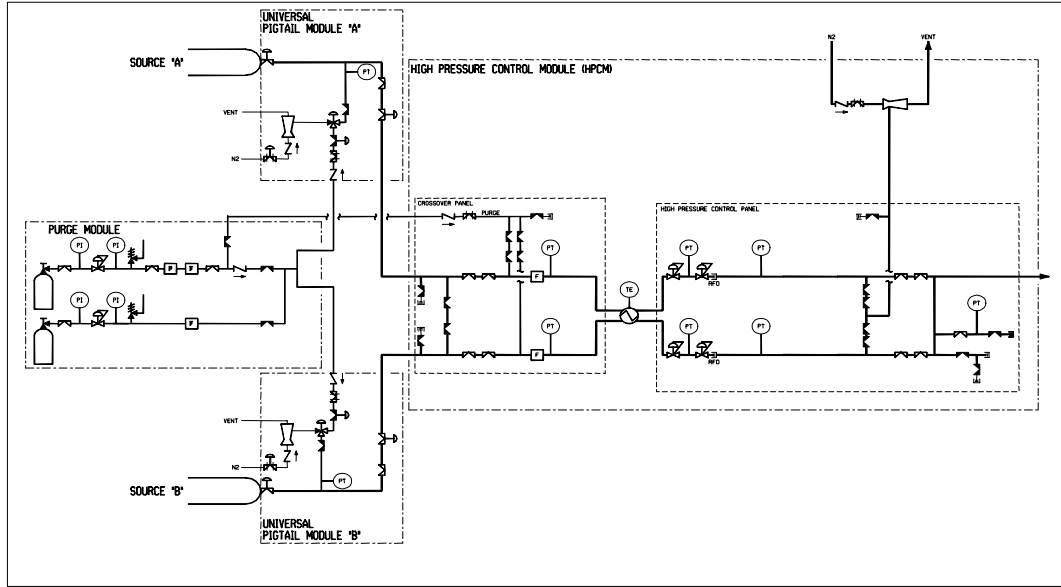
Preferred Offering Configuration Details

Universal Pigtail Configuration	450 L Source	4,400 L Source
Enclosure Low Exhaust Switch	Standard	Standard
Gas Monitoring Port	Standard	Standard
Coaxial Tube Monitors	Unselected Option	Unselected Option
Enclosure Temperature	Unselected Option	Unselected Option
Weight Monitoring	Unselected Option	Unselected Option
Pneumatic Source Valve	Selected Option	Selected Option
Tube Heat Tracing	Unselected Option	Unselected Option
Communication Card	Standard	Standard
Controller Weather Kit	Standard	Standard
Z-Purged Controller	Unselected Option	Unselected Option

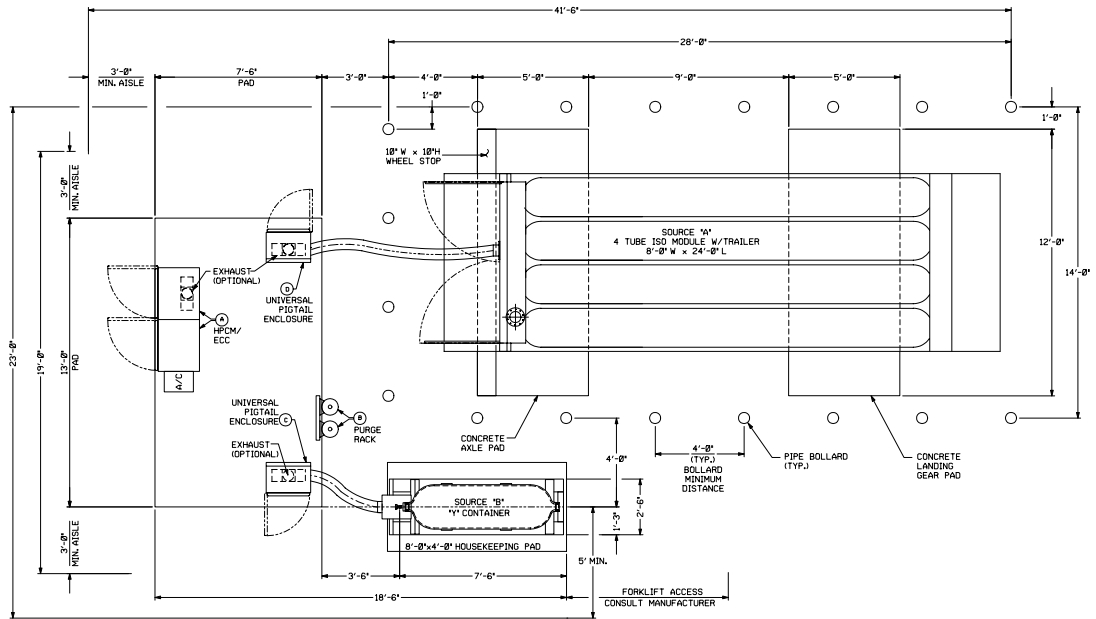
Purge Rack Configuration	Purge Gas	Leak Check Gas
Gas Filter	Selected Option	Selected Option
Gas Purifier	Selected Option	Unselected Option

High Pressure Control Manifold Configuration	Manual System
Enclosure Low Exhaust Switch	Standard
Dual Process Valve Isolation	Selected Option
Excess Flow Detection	Standard
0.003 micron Post-Regulation Filter	Unselected Option
Secondary Houseline from Enclosure	Unselected Option
Gas Monitoring Connection Port	Standard
Coaxial Houseline Monitoring	Unselected Option
Enclosure Temperature Monitoring	Unselected Option
Tube Heat Tracing Within Enclosure	Unselected Option
ECC Climate Control	Standard
ECC European Power	Unselected Option
System Autodialer	Unselected Option
Communication Card	Standard
Z-Purged Controller	Unselected Option

Process Flow Diagram



Proposed Site Layout



For More Information

This data sheet provides only a brief overview of our broad range of capabilities for analytical services for electronics customers. If you would like more information, contact:

Corporate Headquarters
 Air Products and Chemicals, Inc.
 7201 Hamilton Boulevard
 Allentown, PA 18195-1501

Tel: (800) 654-4567
 Tel: (610) 706-4730
 Fax: (800) 272-4449
 Fax: (610) 481-6306

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<http://www.airproducts.com/electronics>