



600 Emlen Way
Telford, PA 18969

Specifications for the Hydro Instruments Model VA-100S **Sulfur Dioxide Gas Vent Arrestor**

Specification VA-100S

1.01 GENERAL

1.01.1 Completeness

The system shall be complete with all components, equipment, and appurtenances.

1.01.2 Quality Assurance

All materials and components shall be new and unused of first quality by well-known manufacturers. Inferior materials or components shall not be allowed.

1.02 MANUFACTURER

The manufacturer shall be Hydro Instruments, Telford, PA, USA or approved equal. The equipment shall be Hydro Instruments Model VA-100S.

1.03 SULFUR DIOXIDE GAS VENT ARRESTOR

1.03.1 General

1. The sulfur dioxide gas vent arrestor shall be housed in a 5 gallon HDPE bucket with a sealed, non-removable lid. The bucket shall be 10" square x 17" tall.
2. The sulfur dioxide gas vent arrestor shall contain approximately 0.67 cubic/ft. of sulfur dioxide gas neutralization media. This shall be capable of neutralizing up to a maximum of 3 pounds of sulfur dioxide gas.
3. All appropriate tubing and fittings shall be provided. This is to include: (2) ½" bulkhead fittings, (2) ½" close PVC nipples, (4) ½" x ¾" reducing bushings and (2) ¾" clear PVC elbows.
4. The sulfur dioxide gas vent arrestor shall be provided with two indicator strips and they shall be located at the inlet and the outlet of the vent arrestor. Indicator strips shall change color in the presence of sulfur dioxide gas.
5. Upon exhaustion of the neutralization media, the sulfur dioxide gas vent arrestor shall be landfill disposable.