



600 Emlen Way
Telford, PA 18969

Specifications for the Hydro Instruments Model VA-100 Chlorine Gas Vent Arrestor

Specification VA-100

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-100.

1.03 CHLORINE GAS VENT ARRESTOR

1.03.1 General

1. The chlorine 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 chlorine gas vent arrestor shall contain 30 pounds of chlorine gas neutralization media. This shall be capable of neutralizing up to a maximum of 3 pounds of chlorine 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 chlorine gas vent arrestor shall be provided with two chlorine indicator strips and they shall be located at the inlet and the outlet of the vent arrestor. Indicator strips shall turn from yellow to pink in the presence of chlorine gas.
5. Upon exhaustion of the neutralization media, the chlorine gas vent arrestor shall be landfill disposable.