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## **Specifications for the Hydro Model SOH-2000-CL2 Switchover Module** **Specification SOH-2000-CL2**

### **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 switchover module shall be Hydro Instruments Model SOH-2000-CL2.

### **1.03 SPECIFICATIONS**

#### **1.03.1 General**

1. The switchover module shall be an external, mechanical device capable of automatically switching from an exhausted gas supply to a standby gas supply.
2. The switchover module shall have a chlorine gas feed capacity of not less than 2000 pounds per day (40 kg/hr).
3. The switchover module shall be constructed of materials suitable for chlorine gas under vacuum.
4. The vacuum connections shall be 1" Schedule 80 PVC threaded Unions.

#### **1.03.2 Automatic Switchover Module**

1. The switchover module shall be suitable for wall mounting.
2. The switchover module body parts shall be constructed of solid machined PVC. Internal pins shall be constructed of solid silver.
3. The device shall operate automatically and entirely by vacuum with no need for external adjustments or reset.