



CAPITAL CONTROLS®

ECS Emergency Container Shut-off System

Provides Automatic Rapid Closure of Chlorine Container Valves

Introduction

Capital Controls® ECS emergency container shut-off systems provide automatic rapid closure of chlorine container valves upon contact closure from a gas detector, fire alarm, seismic sensor, emergency stop, etc. ECS systems are ideal for protection of personnel and property wherever chlorine is used. In some cases, ECS can replace the need for scrubbers and containment devices.

The Capital Controls ECS system is available in electric and pneumatic options. Both systems utilize the most compact, lightweight, and intelligent drives on the market. ECS completes the Capital Controls product portfolio of gas feed systems and wet and dry emergency gas scrubbers, to provide the safest chlorine gas installations possible. ECS systems meet all Chlorine Institute guidelines for applied test and closing torque. Over 1000 ECS emergency container shutoff systems have been installed globally since the early 1990's.



Applications Include:

- Water & wastewater treatment
- Hazardous gas use facilities
- Power plants
- Food & beverage processing
- Metals refining
- PCB etching

The Capital Controls® electric ECS system features:

- Battery back up
- Torque recognition to confirm valve closure
- Lower torque setting for system test
- Independent manual valve closure
- Fail safe operation when battery reaches low state
- Designed for drums and cylinders
- Valve closure in seconds
- Low running and maintenance costs
- Data interaction with onsite SCADA

The Capital Controls® pneumatic ECS system features:

- Remote, rapid shutdown
- Designed for drums and cylinders
- Safe operation by compressed air
- Low running and maintenance costs
- Advanced safety and diagnostic features
- Patented design
- ISO 9001 approved

