

## MaxGuard™ acts fast against Chlorine Leaks

**MaxGuard™** is a simple, but highly effective remote closing device developed by *Dostek Engineering*. **MaxGuard™** shut off the gas flow immediately at the container valve, offering very significant benefits over traditional remote shut-off valves mount in the chlorine pipework.

- ~ Highly effective protection
- ~ Easy to operate
- ~ Exchange servicing
- ~ Field tested reliability
- ~ Reduced emissions
- ~ Easy to install
- ~ Automatic or manual operation
- ~ Fail safe

### Protection for your workforce

Remote shutdown of the chlorine supply removes the need for personnel to enter the danger area. **MaxGuard™** is connected to a leak detector, providing full automation.

**MaxGuard™** closes the container valve, shutting off the chlorine flow within 20 seconds of being triggered - a fraction of the time required to don protective equipment and close the valve manually.

### Easy installation no interruption of supply

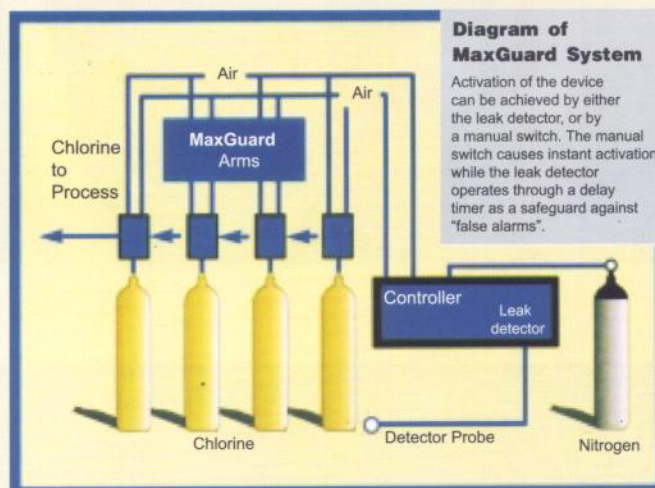
The **MaxGuard™** system is self-contained and has a small footprint. The use of quickly detectable fittings means only minor air hose installation work is required.

### Maximum reliability

Robust in construction and field tested for reliability. **MaxGuard™** can be optionally equipped with battery back-up (automatically re-charged) to guard against power failure. The unit will also alarm if the gas supply pressure falls to a point where any further fall could prevent proper operation.

### Ease of maintenance

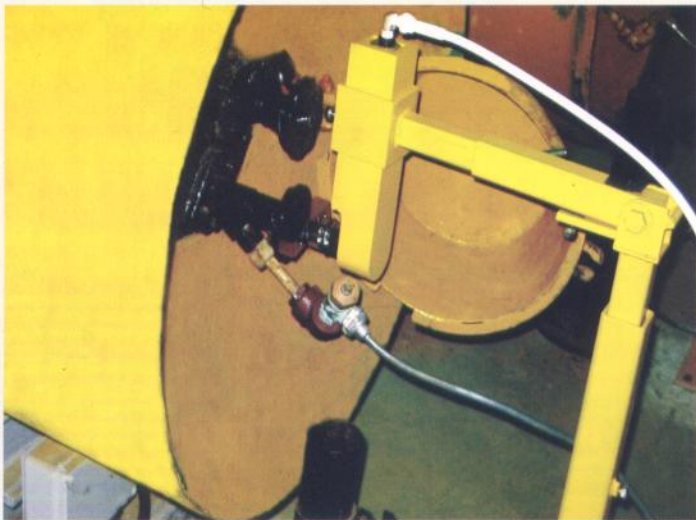
All operating parts of the **MaxGuard™** system are designed to be quickly detachable and will be exchanged on a routine schedule with factory overhauled units. The user is only required to change gas supply cylinders and to test run the unit on a regular basis.



## Components for a complete system

The **MaxGuard™** system includes actuator for each container, a control panel for up to 8 actuators, and a gas control unit. The gas control system is supplied pre-assembled and can be installed outside the chlorine room to keep the chlorine area electrically isolated from AC control voltage. The remote emergency stop push button panel allows an operator to activate the **MaxGuard™** system from a safe location. The panel can be placed at strategic locations throughout the plant, such as exit doors.

Optional system components include an air compressors unit that stores operating air at a pressure sufficient to activate the **MaxGuard™** system in the event of loss of operation gas. An uninterruptible power supply is also available to prevent the valve closure system from activating when AC supply voltage fluctuates or is lost.



\* Patent Pending, Dostek Engineering Sdn. Bhd.

The **MaxGuard™** has an **easy-mount bracket** that attaches to the cylinder valve. No special tools are required for installation. The easy-mount bracket accommodates Sherwood valves, as well as Ceodeux valves that are being used more frequently throughout the world. The **MaxGuard™** system is pneumatic and will function as intended within an air pressure range of 70 psi to 120 psi. The **MaxGuard™** actuator is light in weight, quickly and easily attached and detached from the cylinder, and can be used by a single operator. No tools are required for assembly or disassembly. The **MaxGuard™** valve chlorine system can be used on both vacuum and pressured systems with either **air or nitrogen**.

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