

# SAFETY FIRST

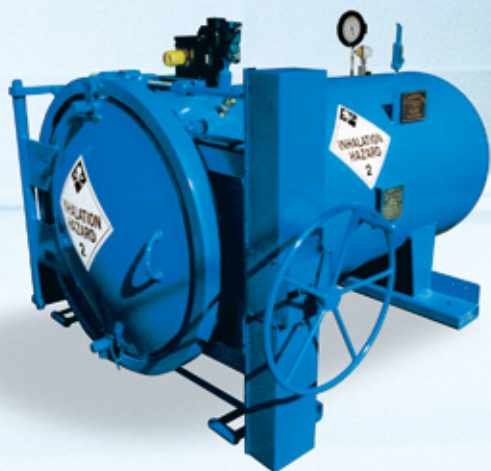
MUNICIPAL  
WELL SITES AND  
WATER TREATMENT  
PLANTS

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## CHLORTAINER®

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CONTAINMENT SYSTEM  
FOR CHLORINE  
TONS AND 150s





# CHLORTAINER® FIRST IN SAFETY.

## FIRE & SAFETY CODES

require a **treatment system** in facilities storing or using chlorine gas.

Emergency repair kits “A” and “B” for 150lb and one ton cylinders are not acceptable unless a **treatment system** is available.

Cylinder mounted automatic shutdown actuators are not acceptable unless a **treatment system** is available.

There are only two **treatment systems**:

1. **CHLORTAINER®**
2. Mechanical Scrubber





**There is no comparison,  
when safety and security are paramount  
CHLORTAINER® is better in every way.**

**“OSHA requires  
a six member trained response team  
to respond to the release of any  
toxic gas in a room with a scrubber.  
Since many facilities do not have a  
six-member team available, a room with a  
caustic scrubbing system is not practical.”**

Geo. Clifford White  
*Handbook of Chlorination and Alternative Disinfectants, Fourth Edition*



# SAFETY COMPARISON CHLORTAINER® VS SCRUBBER

## MECHANICAL SCRUBBERS

- » Require a six man on site trained emergency response team
- » Cannot be considered a mitigation measure for EPA (RMP) studies
- » When a release occurs, it will contaminate the buildings, electronics and metal objects
- » Enclose workers within a toxic gas release
- » Generate hazardous waste and disposal
- » Release gas outside the scrubbing room
- » Require a standby emergency power supply
- » Require substantial maintenance and repair

**CHLORTAINER® is safe,  
extremely easy to use  
and virtually  
maintenance free.**

*Mike Randich  
Abderdeen, Washington*





## CHLORTAINER®

- » Does not enclose workers in a toxic gas release
- » Is the only technology allowed to be considered as a mitigation measure for EPA (RMP) studies
- » When a release occurs, it will not contaminate the buildings, electronics and metal objects
- » Reduces the area affected (worst case) by 97%
- » Releases contained within the vessel are simply put into process at the normal rate
- » External releases are reduced to less than ten thousands of a pound
- » The quick-open closure opens and closes in less than a minute
- » Repair and maintenance total less than one hour per year
- » Does not require power, back up power, fans, pumps or caustic circulation to contain a release

# CHLORTAINER®

## THE COST EFFECTIVE SOLUTION

### EASY INSTALLATION

- » Simply position system on a concrete pad and bolt it down
- » Attach existing vacuum regulator to fail-safe shutdown
- » Install outdoors or in ventilated room, no back up emergency power is needed
- » The vessels are designed for not less than forty years of service

**No heavy maintenance,  
no chemicals and a  
low operating cost  
makes CHLORTAINER®  
a cost effective solution.**

*Ellis Dewell  
Water Treatment Plant  
Springfield , Ohio*



# CHLORTAINER®

## DEPENDABLE, SAFE AND SECURE

When safety is paramount only **CHLORTAINER®** will do.

- » **CHLORTAINER®** encloses cylinders in process.
- » **CHLORTAINER®** serves as an emergency vessel for cylinders in storage.
- » **CHLORTAINER®** protects people and the environment.
- » **CHLORTAINER®** serves as blast and fire protection and prevents unauthorized access to operating systems.



Peace of mind is important for our plant operators and they were very happy with our choice to install **CHLORTAINER®** because now we have the safest system available.

*Karen Lowell, CEO  
Marlin Chemical Inc.  
Oakland Park, Florida*



**SAFETY,  
SECURITY,  
PEACE OF MIND.**



**CHLORTAINER®**



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