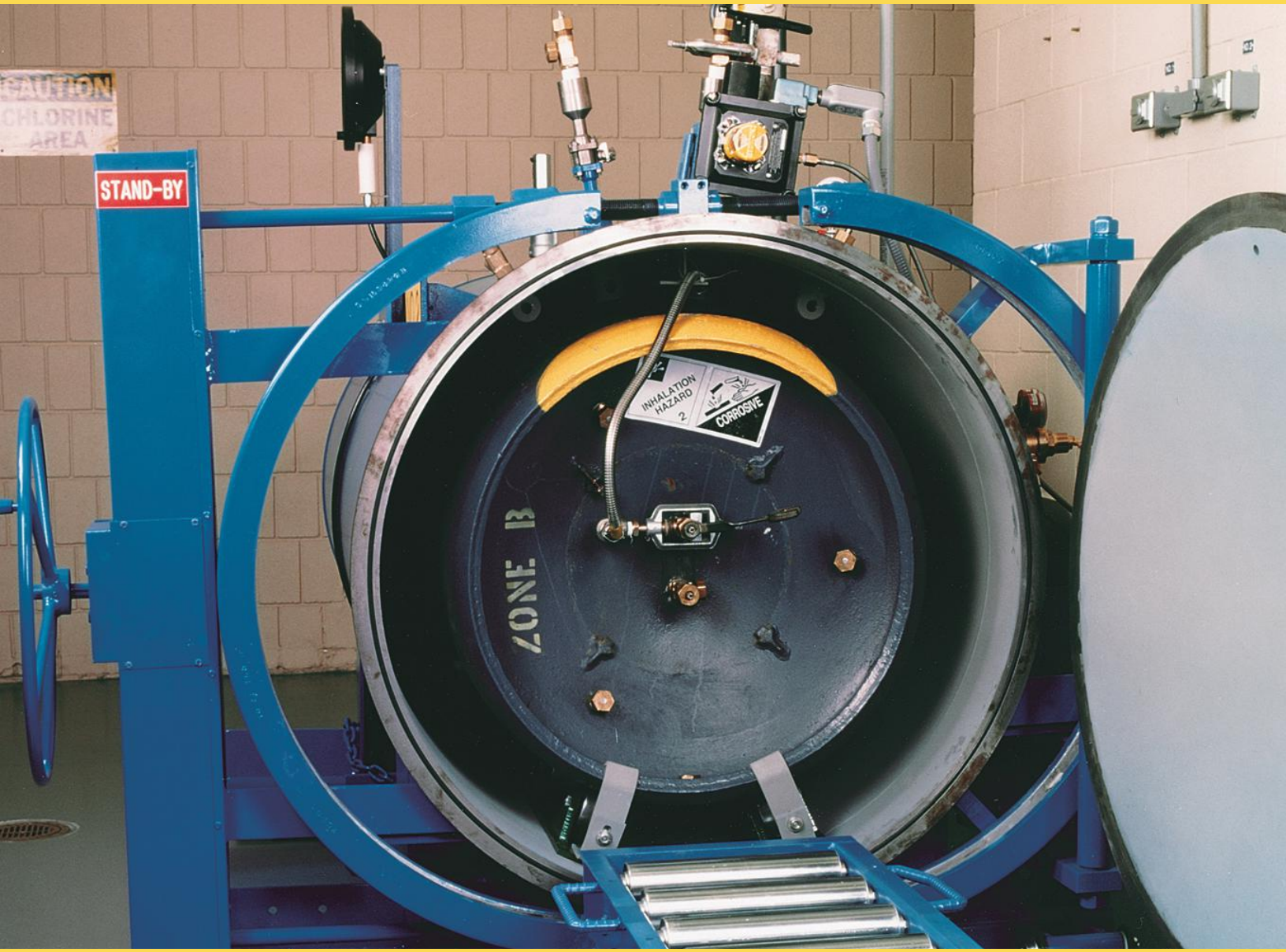
CHLORTAINER®
TOTAL CONTAINMENT SYSTEM

TON CHLORTAINER



ChlorTainer is a high-pressure containment vessel into which a ton chlorine gas cylinder is processed. If the cylinder should leak, all chlorine gas is contained within the vessel and processed at a normal rate, so no hazardous waste is generated. Scrubber systems, fans, pumps, tanks, and mechanical systems are not required. ChlorTainer addresses RMP considerations, enhances site security, and provides fail-safe protection for plant operators.

Our Ton ChlorTainer vessel is ideal for large volume use. It is built to accommodate a standard one-ton chlorine cylinder and comes with a 2-bolt chain drive door that opens and closes in less than a minute. The Ton ChlorTainer also comes with a scale, and your choice of a movable or fixed loader to best fit your installation site. The cylinder is placed on the loader system and then easily rolled into the secondary containment vessel.

The Safest, Most Reliable Technology for Processing and Preventing a Chlorine Gas Release

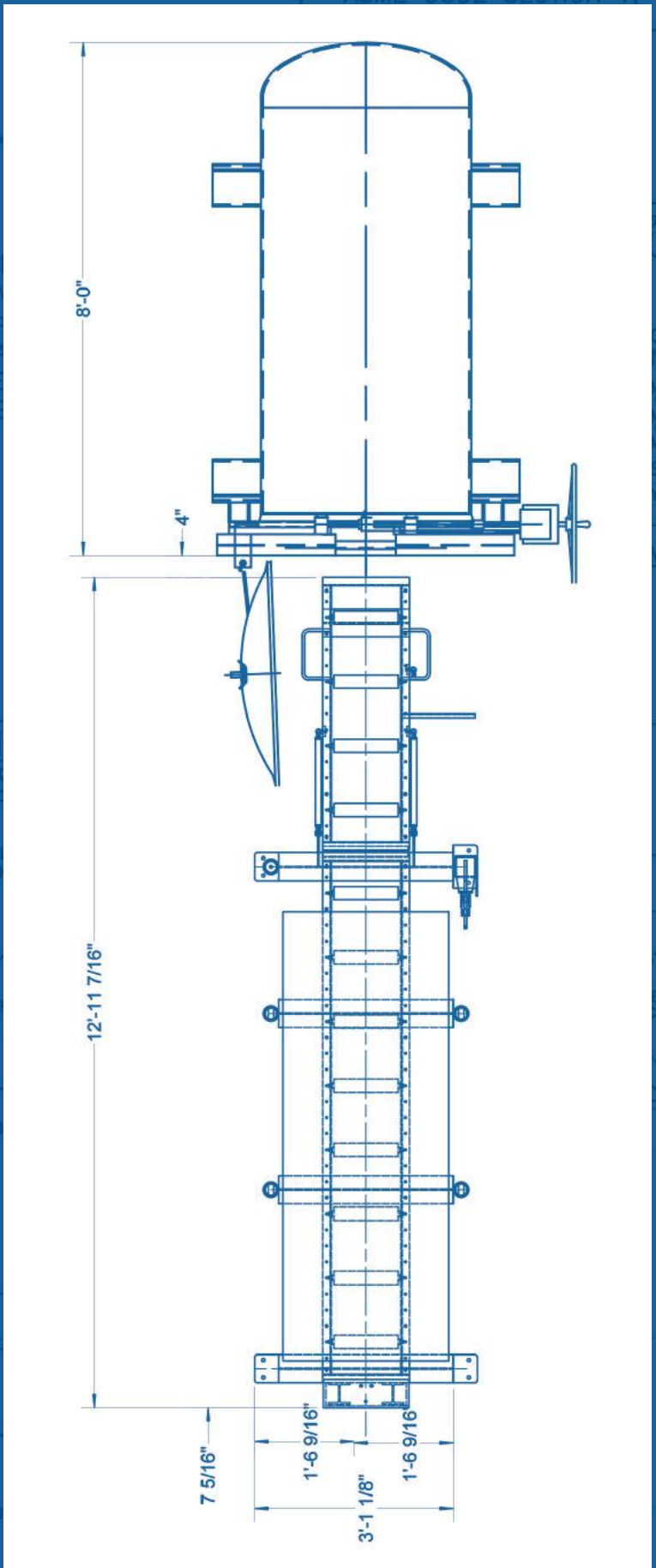
For the safety of water treatment plants and other facilities, ChlorTainer is the best way to store and process chlorine gas.

It is a simple secondary containment vessel that can be installed indoors, or even located in an open-air structure as long as it provides shelter from direct sunlight and rain.

ChlorTainer works not only to provide chlorine gas safety and containment, but can operate with sulfur dioxide and anhydrous ammonia as well. The vessel is built to ASME code and can easily withstand the maximum pressure produced by a failed cylinder.

ChlorTainer provides dependable operation with minimal annual maintenance and is designed to have a life expectancy of no less than 100 years.

Design Pressure	250 psig @ 300° F
Minimum Design Metal Temperature	-20° F @ 250 psig
Corrosion Allowance	1/16 inch
Radiograph Inspection	ASME Section V ASME Section VIII
Hydro Test	375 psig per UG-99
Interior Paint	2.5-3.0 Mils DFT Inorganic Zinc
Exterior Paint	4-6 Mils DFT Epoxy 2 Mils DFT Polyurethane
Welding	ASME Code Section IX
Vessel Weight	2,500 pounds
Materials Used	Carbon Steel Vessel, Monel 400 Bossets
NOTE: Material used may vary when designed for other toxic gases	



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