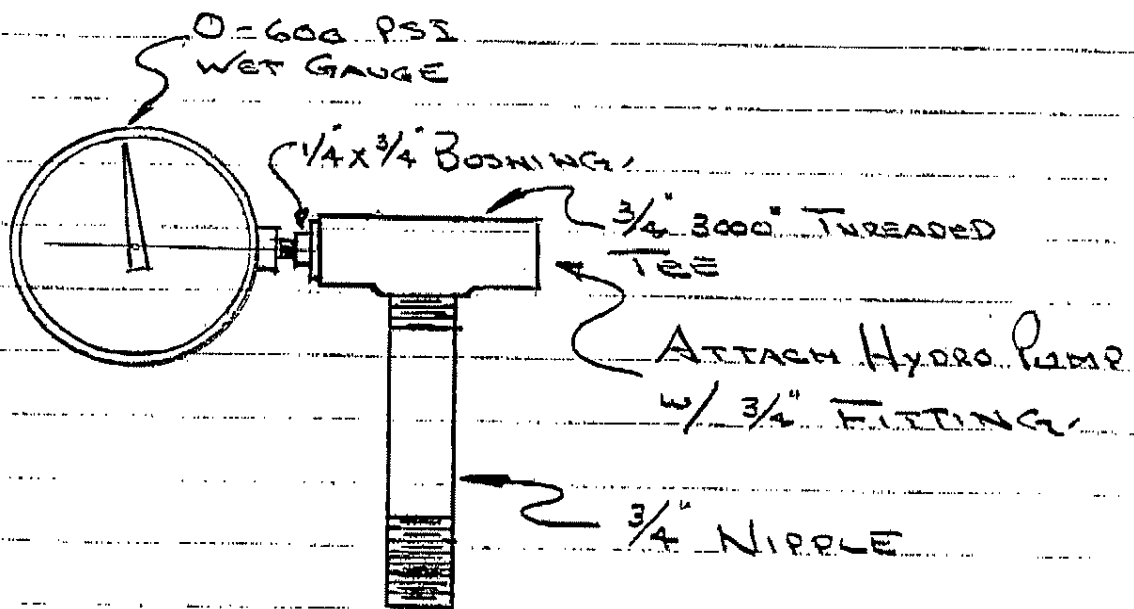


# Chlorine Cylinder Recovery Vessel Hydro Test Procedure

1. Close the hinged closure, making sure gasket is properly in place.
2. Hand tighten bolts. Take wrench and cross tighten until all bolts are tight.
3. Remove Valve from  $\frac{3}{4}$ " fitting and fill cylinder with water (water temperature should not be below 60F). Cylinder should be completely full of water with all air removed.
4. Make  $\frac{3}{4}$ " tee, per attached sketch.
5. Thread tee into  $\frac{3}{4}$ " valve fitting.
6. Using hydro pump with  $\frac{3}{4}$ " fitting, pump cylinder up to 375 PSIG.
7. Hold for a minimum of 30 minutes.
8. Check for leaks. If no leaks are found, release pressure slowly and drain water.
9. Dry interior, replace gasket, and install chlorine valve using Teflon tape.
10. Stamp skirt with the date tested and the test pressure.





3/4 TEE FOR TESTING  
CYLINDER

# Chlorine Institute Recovery Vessel

## Inspection Sheet and Maintenance Schedule

### Inspection Sheet

<input type="checkbox"/>	1	RV-2	Valve Protective Cap
<input type="checkbox"/>	1	RV-3	Ton Container Valve
<input type="checkbox"/>	1	RV-4	Valve Outlet Cap
<input type="checkbox"/>	2	RV-5	Hinge Bushing
<input type="checkbox"/>	2	RV-6	Hinge Bolt Washer
<input type="checkbox"/>	2	RV-7	Hinge Bolt
<input type="checkbox"/>	2	RV-8	Hinge Bolt Nut
<input type="checkbox"/>	1	RV-9	O-Ring, Viton™ E
<input type="checkbox"/>	6	RV-10	Head Bolt
<input type="checkbox"/>	6	RV-11	Head Bolt Washer
<input type="checkbox"/>	6	RV-12	Tapped Swing Nut
<input type="checkbox"/>	1	RV-13	Wrench, 3/8 inch sq. box, 1 ¼ inch x 7 ¼ inch
<input type="checkbox"/>	1	RV-14	Wrench, straight open end, 1 ¼ inch x 15 ½ inch
<input type="checkbox"/>	1	RV-15	Instruction Booklet

### Maintenance Schedule

#### After Each Use

- Replace O-ring
- Inspect the sealing gasket surface for nicks, cuts or gouges and repair if necessary
- Apply a light coating of non-reactive lubricant to the gasket surface on vessel head
- Clean inside of vessel and dry per instruction manual
- Repaint and Remark if necessary per instruction manual
- Inspect bolts and lubricate per instruction manual
- Inspect outlet valve and protective housing, replace as necessary

#### Annually

- Inspect Vessel per parts list and replace missing components
- Inspect O-ring(s) and replace as needed (**4 year recommended shelf-life**)
- Inspect the sealing gasket surface for nicks, cuts or gouges and lubricate, repair if necessary
- Inspect and apply a light coating of non-reactive lubricant to gasket surface on vessel head
- Inspect outside vessel and casters and repair as necessary\*
- Inspect bolts and lubricate per instruction manual
- Inspect outlet valve and protective housing, replace as necessary

\*Welded repairs to the Recovery Vessel must be accomplished in accordance with 49 CFR 173.3

#### Five Years

- Hydrostatically test in accordance with 49 CFR 173.3 (d) (9)
- Replace O-ring

Signed: \_\_\_\_\_ Date: \_\_\_\_\_