

INSTALLATION INSTRUCTIONS

70C/69RT/72- DW5

DOUBLE WALL CONTAINMENT MANHOLE

The DW5 Containment Manhole is installed on service station 4" fill pipes with underground storage tanks. Designed to prevent spilled fuel from entering the surrounding soil during tank filling. The 70C is equipped with a standard cover, while the 69RT has a water tight lid. The 72 Containment Manhole comes with a hand pump to pump water out of the manhole or fuel back into the riser pipe. All units are double wall containments with a test port to pull vacuum on the interstitial to check tightness.

Installation:

After tanks are installed and final grade level has been determined (top of nipple approximately 6" below grade level), observe the following instructions:

1. Lubricate bottom seal gasket and slide manhole over riser pipe. Tighten flange nuts at your predetermined height.
2. Test all threaded connections for leaks.
3. When pouring concrete, follow contour of drain run-offs, which taper away from cover (be careful not to fill drain run-offs with concrete).
4. 72 Series Fasten pump holder around riser pipe and pump, then tighten.

Preventive Maintenance:

1. Clean dirt out of handle regularly.
2. Inspect and clean cover and ring periodically
3. Routinely inspect and clean debris.
4. Inspect and clean bottom gasket yearly.

**Refer to PEI/RP1200 for
Spill Bucket Testing.**

Double Wall Testing Procedure:

1. Use wrench to remove test plug.
2. Place a vacuum unit into the test port.
3. Apply a vacuum of 15 inches of water column for 1 minute (Refer to PEI/RP1200 for recommended procedure)
4. If the vacuum does not hold at 12" of water column or above, check vacuum attachment for tightness and retest.
5. If the vacuum still does not hold replace the entire unit.
4. If the vacuum holds, re-install $\frac{3}{4}$ " NPT pipe plug with suitable pipe dope sealant.

NOTE: Every unit should be tested for leaks before and after installation.

Hydro Static Testing Procedure:

Fill the unit completely with water. If the water level drops within one hour, then a leak exists. Check plug in the test port for tightness and lower riser gasket. If the unit continues to leak, then replace the entire unit with another and re-test. After the concrete has been poured, re-test the unit to make sure no damage occurred during installation. The unit should be tested and inspected every 6 months or more frequently if you are a high-volume user or if conditions warrant. Damaged or leaking units should be replaced immediately.



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