TRIPLE-WALL TANK TESTING
SUPPLEMENTAL INSTRUCTIONS

1. INTRODUCTION

1.1. Follow these Supplemental Instructions as well as those covered in the most recent edition of Containment Solutions™ Tank Installation Instructions (Pub. No. INS1300).

1.2. These instructions are not intended as complete instructions, but are intended to clarify differences or additional requirements between Double-Wall Tank testing and Triple-Wall tank testing procedures. All other installation instructions are to be followed as stated in Pub No. INS1300. If you have any questions, call Tank Technical Support.

2. PRE-INSTALLATION TESTING

2.1. Follow all applicable instructions in "Pre-Installation Testing" section in the most recent edition of Containment Solutions™ Tank Installation Instructions (INS 1300).

3. TESTING TANKS WITH DRY ANNULAR SPACES

3.1. Comply with the requirements of "Pre-Installation Testing" Section in the most recent edition of Containment Solutions™ Tank Installation Instructions (INS 1300).

3.2. Connect "Tank Test Manifold" to a tank primary fitting.

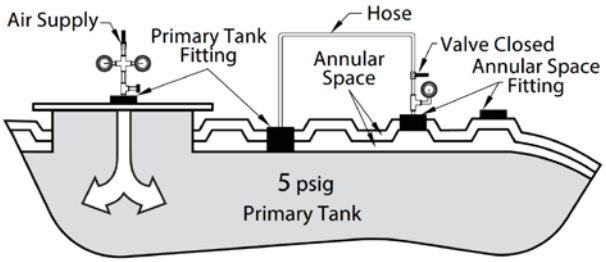
3.3. Connect hose between the primary tank fitting and "Primary Annular Space Gauge and Valve."

3.4. Close valve between primary tank and primary annular space.

3.5. Connect the pressure source to the "Tank Test Manifold" on the primary tank.

3.6. Pressurize primary tank to 5psig maximum (3 psig for 12' tanks) (See Figure 3-1).

Figure 3-1

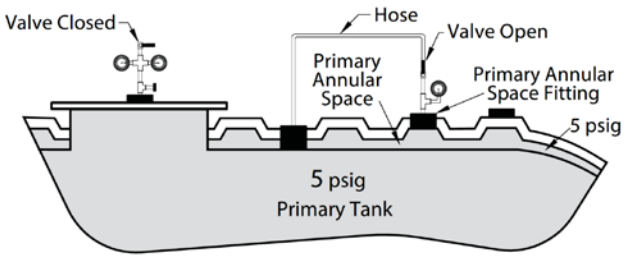


3.7. Close the air supply valve to the primary tank.

3.8. Disconnect the air supply.

3.9. Open valve between primary tank and primary annular space in order to pressurize the annular space using the existing pressure in the primary tank (pressure in the primary tank may drop slightly)
(see Figure 3-2).

Figure 3-2



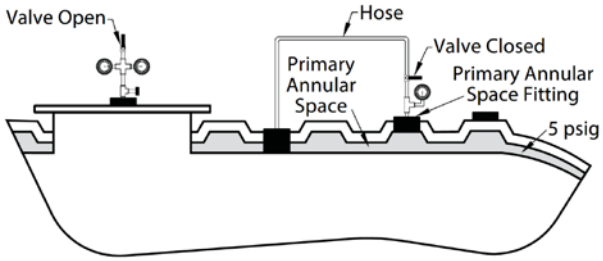
3.10. While under pressure, cover fittings and manway(s) with soap solutions and inspect.

3.11. Close valve to annular space.

3.12. Open valve to vent primary tank.

3.13. Maintain pressure on the annular space
(see Figure 3-3).

Figure 3-3



3.14. Observe and monitor the gauge on the annular space for 30 minutes for any loss of pressure which may indicate a leak.

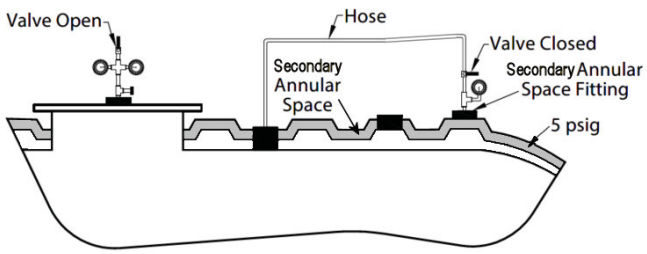
3.15. While under pressure, cover tank outer surface, including fittings and manway(s), with soap solution and inspect.

3.16. After completing air test, release pressure.

3.17. Disconnect the "Primary Annular Space Gauge and Valve" from the "Primary Annular Space Fitting" and reconnect it to the "Secondary Annular Space Fitting" as shown in Figure 3-4. This will allow pressure to transfer from the primary tank to the "Secondary Annular Space" for the next test.

3.18. Repeat the testing of the secondary annular space by following the same procedure used to test the primary annular space starting again with step 3.4.

Figure 3-4



3.19. Remove all gauges, valves, and hose assemblies.

3.20. Replace and tighten fitting plug(s).

3.21. Replace the plastic vent plugs in the open fittings.

4. PRIMARY ANNULAR SPACE TEST

4.1. This tank has a hydrostatic monitoring system that includes a nontoxic (30% calcium chloride) green monitoring fluid pre-installed between the tank walls.

4.2. In the unlikely event of a tank leak, this monitoring fluid will leave a green trace on the tank.

4.3. If monitoring fluid is found on the tank inner or outer surface during any test, discontinue the installation and immediately contact Field Service.

4.4. Comply with the requirements of "Pre-Installation Testing" section in the most recent edition of Containment Solutions™ Tank Installation Instructions (INS1300).

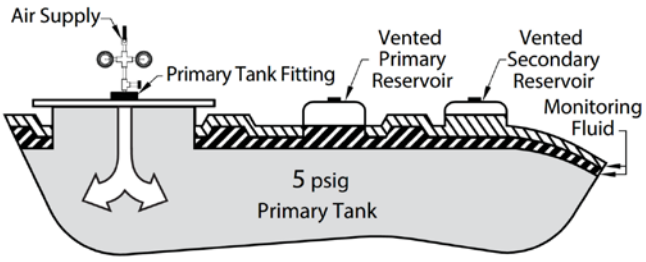
4.5. Closely inspect outer wall for any trace of green monitoring fluid.

4.6. With the tank in the upright position, remove the 4" vented plug from the reservoir fitting.

4.7. Add only enough monitoring fluid to cover the rib inside the reservoir. Do not overfill past the rib at this time (see Figure 4-1). Final monitoring fluid levels will be set later in the installation process.

4.8. Reinstall vented reservoir plug to ensure annular space is vented at all times.

Figure 4-1



4.9. Remove enough tank fitting plugs to see inside the primary tank.

4.10. With a light, look inside the tank for any monitoring fluid.

4.11. Replace and tighten fitting plug(s).

4.12. Connect "Tank Test Manifold" to a primary tank fitting.

4.13. Connect the pressure source to the "Tank Test Manifold."

4.14. Pressurize primary tank to 5 psig maximum (3 psig for 12' tanks) (see Figure 4-1).

4.15. Close valve on "Tank Test Manifold." Disconnect the air supply line.

4.16. Monitor the pressure for 30 minutes for any loss in pressure from the initial reading which may indicate a leak.

4.17. While under pressure, cover fittings and manway(s) with soap solution and inspect.

4.18. After completing air test release pressure.

4.19. Remove all gauges, valves, and hose assemblies.

4.20. Replace and tighten fitting plug(s).

4.21. Replace the plastic vent plugs in the open fittings.

5. ANNULAR SPACE MONITORING

5.1. Refer to Containment Solutions™ Tank Installation Instructions (Pub. No. INS1300) and follow instructions to set the brine level in the primary annular space.

5.2. For the secondary annular space, set the brine level per Table 5-1.