

PLASTEEL® ELUTRON® Double-Wall Tank

APPENDIX A

INSTALLATION SITE TESTING PROCEDURES

Option #1: EXTERIOR HOLIDAY TEST

Prior to arrival of the Elutron® tank at the installation site, coordinate with the Elutron® manufacturer to have a 12,500 volt holiday test performed using a Tinker-Razor, Model APW, tester. Any pinholes detected must be repaired using the Plasteel® sealing kit materials. Re-test and repair until tank is pinhole free. This test must be performed by a person qualified by the Elutron® tank manufacturer.

Option #2: VACUUM TEST INTERSTICE

The Elutron® tank may be delivered with an interstitial vacuum established at the factory. The delivery document will state the vacuum gauge reading required for acceptance at the delivery location. Record the vacuum gauge reading on the delivery document when the tank is delivered. If the vacuum gauge has decreased from the vacuum gauge reading listed for acceptance on the delivery document, call the factory for further instructions. If an interstitial vacuum is to be established at the installation, follow the instructions in Appendix B, Interstitial Vacuum Test. **DO NOT** apply a vacuum to the primary tank, **DAMAGE MAY OCCUR.**

Option #3: PRESSURE TEST INTERSTICE

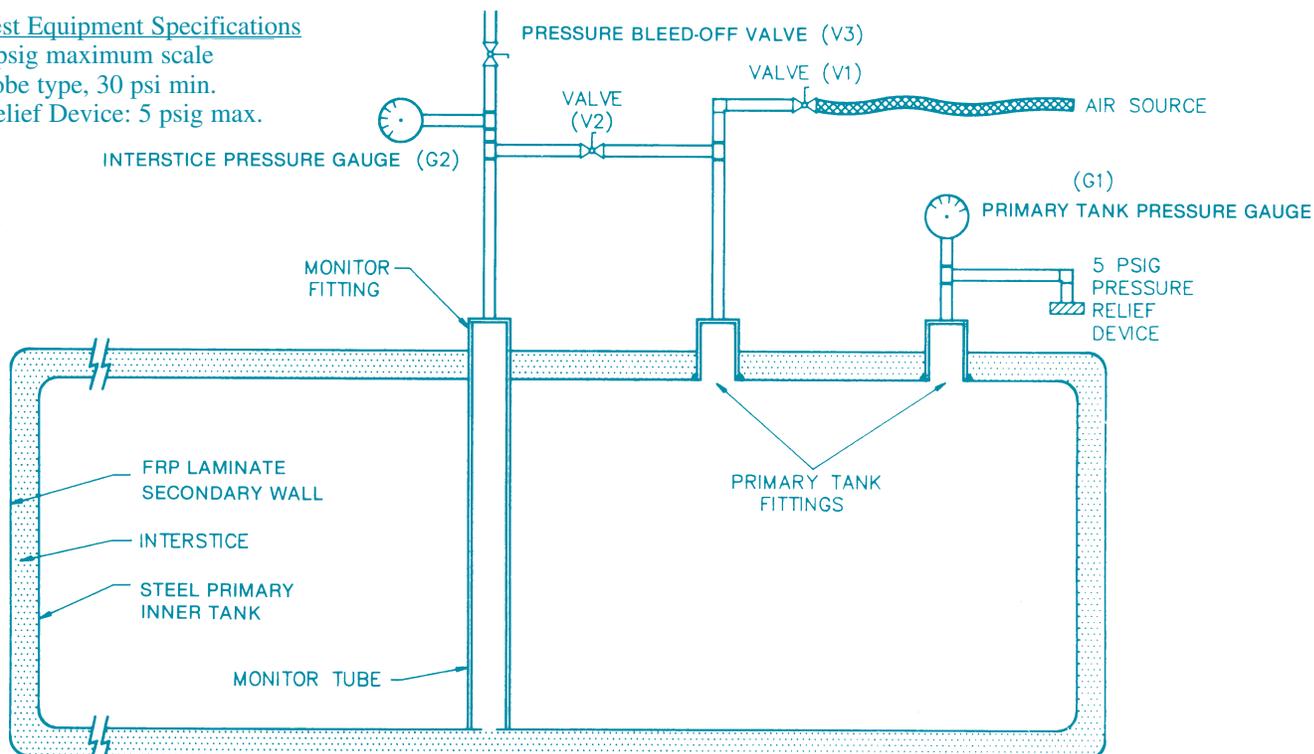
If a field pressure test is required, set-up test equipment per the schematic diagram and precisely follow the test procedures listed.

CAUTION: DAMAGE TO TANK MAY OCCUR IF PRESSURE IN THE INTERSTICE EXCEEDS 2 PSIG ABOVEGROUND.

- | | |
|---|---|
| <p>Step 1. Ensure gauges are accurately calibrated.</p> <p>2. Ensure all connections are leak tight.</p> <p>3. Close V2, open V3, G2 should read zero.</p> <p>4. Open V1, pressurize primary tank until G1 reads 3-5 psig, close V1. Disconnect air source.</p> <p>5. Close V3, after 30 minutes, check G2. G2 should read zero. (Call factory if G2 does not read zero.)</p> <p>6. Open V1 and decrease G1 to 11/2 - 2 psig. Close V1.</p> <p>7. Open V2, pressurize G2 to 11/2 - 2 psig. Close V2. DO NOT EXCEED 2 PSIG ON G2. DAMAGE TO TANK MAY OCCUR.</p> | <p>8. Observe G2 for 30 minutes. G2 should remain at 11/2 - 2 psig. (Call factory if G2 decreases to zero.)</p> <p>9. Open V3, vent interstice, G2 to read zero.</p> <p>10. Open V1, vent primary tank, G1 to read zero. Test complete.</p> <p>NOTE: If the Elutron® tank is covered with backfill, you may test the interstice at 3-5 PSIG, following steps #1-10, and carefully increasing the pressure in step #7 to 3-5 PSIG. In step #8, G2 should remain at 3-5 PSIG.</p> <p>CAUTION: DAMAGE MAY OCCUR IF INTERSTICE PRESSURE EXCEEDS 5 PSIG. WHEN TANK IS COVERED WITH BACKFILL.</p> |
|---|---|

Pressure Test Equipment Specifications

Gauges: 5 psig maximum scale
 Valves: Globe type, 30 psi min.
 Pressure Relief Device: 5 psig max.



Your Licensed PLASTEEL ELUTRON® tank manufacturer is: