



## Detailed Vacuum Test Procedure (for Bleach-Guard™ System only)

- **DO NOT REMOVE FITTING BLANKS** until after the vacuum test has been completed
- **REQUIRES 1-2 HP SHOP VACUUM.** Connect vacuum to tank monitor port, ensure connection is air tight and that both valves are open to the monitor port.
- **TURN ON VACUUM FOR 3-5 MIN OR UNTIL PRIMARY IS TIGHT TO WALLS.** Verify this visually by looking through the top manway.
- **IF THE PRIMARY CONTAINMENT IS TIGHT TO WALLS,** close both monitor port valves, turn off vacuum.
- **CHECK PRIMARY POSITIONING,** visually inspect the primary containment is tight to the walls once vacuum has been turned off
- **LISTEN FOR AIR RUSHING.** A breach in the primary containment will sometime produce an air rushing or “hissing” sound. Listen at the top manway opening for any indication of air movement.
- **WAIT 4 HOURS** before determining that the tank’s primary containment is sound. There should be no major sagging or movement of the primary. Slight movement can be normal as the fitting blanks may bleed air where they have been taped. This is normal. If significant movement is observed, check all fitting blanks are secure and that tape is still sealed preventing air loss. If you are unable to get a full seal than piping may be run to tank. **FOLLOW ALL PIPING DIRECTIONS AND WARNINGS** when connecting piping to tank fittings. Once piping is secure, re-test tank with vacuum.
- **DO NOT WATER TEST UNTIL TANK PASSES VACUUM TEST.** If you are unable to get a tank to pass its vacuum test contact Protectoplas immediately.
- **AFTER FULL 4HRS OF VACCUM TESTING** the tank is ready to be water tested. Ensure all piping is connected per instructions and warnings provided and then proceed to the water test.

Contact Protectoplas at 800.525.2661 if you have any questions or concerns with this procedure.