

SUGGESTED PROCEDURE FOR PRESSURE TESTING A BOILER

- 1. Turn off electrical power supply to boiler.**
- 2. Turn off gas supply to boiler.**
- 3. Turn off water supply valve to boiler.**
- 4. Allow boiler and water to cool to room temperature.**
- 5. Drain water from boiler using a hose to a floor drain, or sink observing discharge for contaminants and debris.**
- 6. Disconnect all external piping, remove boiler drain valve, tridicator relief valve and air vent.**
- 7. Install plugs in all tappings not being used for testing purposes.**
- 8. Fill boiler with water carefully, venting all the air from the casting.**
- 9. Slowly increase pressure to 30psi, and inspect for leaks. If none, go to step 10.**
- 10. Slowly increase pressure at 10 psi increments, inspecting for leaks at each stage, to an optimum test pressure of 100 psi for one hour.**
- 11. If pressure test holds, slowly release pressure and reconnect all boiler piping.**
- 12. Fill and bleed system and check for leaks.**
- 13. Resupply gas and electric and operate boiler as instructed in publication GG-40 "Galaxy Installation and Operation Instructions."**