

**Date: December 11, 2008****Bulletin Number: HP604****Subject: Hydrostatic Pressure Testing of Series V9, V11, MPC 5B and 8H Cast Iron Boilers**

All Burnham Commercial sectional cast iron boilers are designed, built, marked and tested in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section IV, Heating Boilers.

ASME Section IV requires a hydrostatic pressure test on each individual cast iron section at Burnham Foundry, LLC to two and one half times the maximum working pressure of the boiler. When water boilers are assembled, the sections are tested to one and one half times the maximum allowable working pressure. Steam boiler assemblies are tested to 45 psi. The ASME "H" symbol is cast in to each section certifying that Burnham Commercial has performed these tests.

The maximum allowable working pressure values for water are as follows:

V11	80 psi for USA and Canada
V9A	80 psi for USA and Canada
Series 8	50 psi for USA and Canada
MPC	80 psi for USA and Canada

The maximum allowable working pressure values for 5B, V9 & V11 steam boilers is 15 psi.

Hydrostatic pressure tests of assembled sections are as follows:

Relief Valve Setting (psi)	Hydrostatic Pressure Test (psi)
15 (steam)	45
30	45
50	75
80	120