

WARRANTY VALIDATION & BOILER START UP REPORT

The following information must be recorded during each boiler start up. This information must be returned to Lattner Boiler Manufacturing Company for warranty validation. If this information is not returned, warranty consideration may not be extended.

Lattner Boiler Model: _____ Owner Name: _____
National Board Number ("NB"): _____ Company Name: _____
Lattner Dealer Name: _____ Street Address (start up location): _____
Start Up Company: _____ State: _____
Start Up Date: _____ Zip Code: _____
Start Up Technician: _____ Telephone Number: _____

Natural Gas or LP (Propane) Gas Voltage: _____ v / _____ ph / _____ hz
Gas Pressure at Train Inlet: _____" w.c. (boiler OFF) Pilot Signal Reading: _____ VDC
Gas Pressure at Train Inlet: _____" w.c. (boiler ON) O₂: _____ %
Manifold Pressure: _____" w.c. (boiler OFF) CO₂: _____ %
Manifold Pressure: _____" w.c. (boiler ON) CO: _____ parts per million (ppm)
Gas Pressure at Pilot Tee: _____" w.c. (boiler OFF) NO_x: _____ parts per million (ppm)
Gas Pressure at Pilot Tee: _____" w.c. (boiler ON) Stack Temperature: _____ degrees Fahrenheit
Input: _____ btu/hr (clocked at meter) Combustion Efficiency: _____ %

Limit Control Setting (cut out): _____ psi or °F Modulating Control Setting: _____ psi or °F
Operating Control Setting: _____ psi or °F Modulating Control Differential Setting: _____ psi or °F
Operating Control Differential Setting: _____ psi or °F

Checked for proper operation of:

Low Water Cut Off	<input type="checkbox"/> yes <input type="checkbox"/> no	Barometric Damper	<input type="checkbox"/> yes <input type="checkbox"/> no
High Water Cut Off	<input type="checkbox"/> yes <input type="checkbox"/> no	Boiler Combustion Air	<input type="checkbox"/> yes <input type="checkbox"/> no
Flame Safeguard Control Ignition	<input type="checkbox"/> yes <input type="checkbox"/> no	Boiler Flue/Stack Compliance	<input type="checkbox"/> yes <input type="checkbox"/> no
Flame Safeguard Main Flame	<input type="checkbox"/> yes <input type="checkbox"/> no	Gas Line Leakage	<input type="checkbox"/> yes <input type="checkbox"/> no
Air Flow Switch	<input type="checkbox"/> yes <input type="checkbox"/> no	Gas Equipment Ventilation	<input type="checkbox"/> yes <input type="checkbox"/> no

Notes:

IMPORTANT: For warranty validation, return this document to (mail, fax, or email):

Lattner Boiler Manufacturing Company
P.O. Box 1527
Cedar Rapids, IA 52406
T: (319) 366-0778
F: (319) 366-0770
E: info@lattner.com