

First Inspection Report

Installing Contractor _____ **Permit #** _____ **Inspection Date** _____

Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Fax _____

*** Did installing contractor notify you regarding this installation: YES NO

Location of Installation

Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Fax _____

Unit Identification (Boiler) **Steam / Hot Water Heat / HWS / Potable Water**

Manufacturer's Name _____ Manufacturer's Model # _____

Year Built _____ Nat. Bd # _____ MN-B # _____

Boiler Unit Description (Fire Tube, Water Tube, etc.) _____

If Modular (no. of modules) _____

Boiler Max Input (Btu/KW) _____

Boiler horsepower _____ Heating Surface _____

MAWP _____ Psig Maximum Temp. _____ F

Minimum required Safety Valve Capacity _____ LB/HR or BTU

Safety Relief Valve Set Pressure _____ Capacity _____

Lowest Permissible water level marking _____

Pressure / Temperature Gage: Range _____ Mounting _____

Piping: Water Column, Sight Glass, Cross Tees, Bottom Blow, Safety Valve, Low Water Cut-off

**** Hydrostatic Test Pressure _____ Duration _____

Combustion Air Requirements(NBIC Part 1, 2.5.4 & 3.5.4): *Satisfactory Unacceptable*

Boiler Clearances (NBIC Part 1) (Manf. Req. acceptable): *Satisfactory Unacceptable*

Stop Valve(s) When required *Satisfactory Unacceptable* _____

Double Block and Bleed with Manway *Satisfactory Unacceptable* _____

Water Column/Sight glass Location *Satisfactory Unacceptable* _____

Venting (Chimney) *Satisfactory Unacceptable* _____

Observation Port *Satisfactory Unacceptable* _____

Lowest Permissible water level *Satisfactory Unacceptable* _____

Requirements in Accordance with ASME CSD-1 Most Current Edition (2018)

<u>Pilot Type:</u>	<i>Continuous</i>	<i>Intermittent</i>	<i>Interrupted</i>	<i>Direct Ignition</i>	<i>Hot Surface</i>
<u>Boiler Control/Device</u>	<u>Set Points Acceptable</u>		<u>Location of Control/Device</u>		<u>Test Date, Result</u>
Low-Water Fuel Cutout <i>(Steam 2, HWH 1) (3/4" Drain)</i>					
Forced Circulation Flow Switch					
Steam Pressure Control					
High Pressure Limit					
Water temperature Control					
High Temperature Limit					
<u>Gas Fuel Train Safety Controls:</u>					
<u>Control/Device</u>	<u>Set Points Acceptable</u>		<u>Location of Control/Device</u>		<u>Test Result</u>
Drip leg					
Manual shut off valve					
Fuel Safety Shutoff Valve, Main <i>(proof of closure)</i>					
Pilot Safety Shutoff Valve					
Combustion Air Switch					
High Gas Pressure					
Low Gas Pressure					
Flame Safeguard (Primary) <i>(Fire Eye)</i>					
Purge Air Flow <i>(Sail Switch)</i>					
Gas Regulator					
Vent Valve and Lines					
Bleed Lines					
Relief Lines					
<u>Oil, Fuel Train Safety Controls</u>					
Atomizing Medium Switch					
Filters / Strainers					
Low Oil Pressure					
High Oil Temperature					
Safety Shutoff Valves					
Loss of Combustion air switch					
Emergency Shutdown Switch					

Low-Fire Start Switch _____
(required for 2,500,000 btu, 20 gph and greater)

Comments: _____

Code Violations: _____

