

1.4.5.1 **BOILER INSTALLATION REPORT FORM**

BOILER INSTALLATION REPORT I-1

INSTALLATION: (1) New Reinstalled Second Hand Date ____/____/____

(2) INSTALLER	(3) OWNER-USER	(4) OBJECT LOCATION
Name	Name	Name
Street	Street, PO Box, RR	Street
City, State, ZIP	City, State, ZIP	City, State, ZIP

Jurisdiction No. (5)	National Board No. (6)	Manufacturer (7)		Mfg. Serial No. (8)	Year Built (9)	Boiler Type (10)	Boiler Use (11)
Fuel (12)	Method of Firing (13)	Btu/kw input (14)	Btu/kw output (15)	Operating PSI (16)	Code Stamp(s) (17)	<input type="checkbox"/> A <input type="checkbox"/> S <input type="checkbox"/> U <input type="checkbox"/> HLW <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> H <input type="checkbox"/> Other	
Stamped MAWP (18)	Heating Surface, Sq. Ft. (19)	Cast Iron (20)	Manhole (21)	Specific On-Site Location, i.e., Utility Room (22)			
Pressure Relief Valve Size (23)	Pressure Relief Valve Set Pressure (24)	Pressure Relief Valve Capacity (25)	Manufacturer (26)	Low Water Fuel Cutoff Mfg. No. (27)			
1. _____ 2. _____ 3. _____ 4. _____	1. _____ 2. _____ 3. _____ 4. _____	1. _____ 2. _____ 3. _____ 4. _____	1. _____ 2. _____ 3. _____ 4. _____	Probe Type _____ Flow Switch _____ Float & Chamber _____ Other (Specify) _____			

PRESSURE/ALTITUDE GAGE: (28) Dial Graduation _____ Valve/Cock Size _____ MAWP _____ Pipe Connection Size _____ Siphon or Equivalent Device <input type="checkbox"/> Yes <input type="checkbox"/> No	EXPANSION TANK: (29) ASME Constructed <input type="checkbox"/> Yes <input type="checkbox"/> No Other _____ MAWP _____ No. Gallons _____	VENTILATION AND COMBUSTION AIR (30) Unobstructed Opening (sq. in.) _____ Power Ventilator Fan (CFM) _____
WATER LEVEL INDICATORS: (31) Number of Gage Glasses _____ Number of Remote Indicators _____ Size of Connection Piping _____	FEED WATER SUPPLY: (32) Number of Feeding Means _____ Pipe Size _____ Stop Valve Size _____ MAWP _____ Check Valve Size _____ MAWP _____	
STOP VALVES: (33) Number of Valves _____ Valve Size _____	EXTERNAL PIPING ASME CODE: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other _____	FUEL TRAIN: <input type="checkbox"/> CSD-1 <input type="checkbox"/> NFPA-85 <input type="checkbox"/> Other _____
BOTTOM BLOWDOWN CONNECTIONS: Number of Valves _____ Valve Size _____ MAWP _____ Piping Run Full Size <input type="checkbox"/> Yes <input type="checkbox"/> No	POTABLE WATER HEATER UNIQUE REQUIREMENTS <input type="checkbox"/> Yes <input type="checkbox"/> No Inlet Stop Valve Size _____ MAWP _____ Outlet Stop Valve Size _____ MAWP _____ Drain Valve Size _____ Thermometer <input type="checkbox"/> Yes (34)	
Manufacturer's Certification Attached: <input type="checkbox"/> Yes <input type="checkbox"/> No Does boiler replace existing one: <input type="checkbox"/> Yes <input type="checkbox"/> No	Clearance from walls and floors: Side _____ Bottom _____ Top _____	

Additional recommendations and remarks by installer:	
Installer Name (PRINT) _____	Registration # _____
I HEREBY CERTIFY THAT THE INSTALLATION COMPLIES WITH APPENDIX I	
Installer Signature _____	

**1.4.5.1.1 GUIDE FOR COMPLETING
NATIONAL BOARD BOILER
INSTALLATION REPORT**

1. INSTALLATION: Indicate the type and date of installation — new, reinstalled, or second-hand.
2. INSTALLER: Enter the Installer name and physical address.
3. OWNER-USER: Enter the name and mailing address of the owner-user of the boiler.
4. OBJECT LOCATION: Enter the name of the company or business and physical address where the installation was made.
5. JURISDICTION NO.: Enter the number if assigned at the time of installation.
6. NATIONAL BOARD NO.: Enter the assigned National Board number.
Note: Cast-iron section boilers do not require National Board registration.
7. MANUFACTURER: Enter the boiler manufacturer's name.
8. MFG. SERIAL NO.: Enter the assigned boiler manufacturer's serial number.
9. YEAR BUILT: Enter the year the boiler was manufactured.
10. BOILER TYPE: Enter the type of boiler, i.e., watertube, firetube, cast iron, electric, etc.
11. BOILER USE: Enter the service the boiler will be used for, i.e., heating (steam or water), potable water, etc.
12. FUEL: Enter the type of fuel, i.e., natural gas, diesel, wood, etc. If more than one fuel type, enter the types the boiler is equipped for.
13. METHOD OF FIRING: Enter the method of firing, i.e., automatic, hand, stoker, etc.
14. BTU/KW INPUT: Enter the Btu/hr or kw input of the boiler.
15. BTU/KW OUTPUT: Enter the Btu/hr or kw output of the boiler.
16. OPERATING PSI: Enter the allowed operating pressure.
17. ASME CODE STAMP(S): Check the ASME Code stamp shown on the code nameplate or stamping of other certification mark (specify).
18. STAMPED MAWP: Enter the maximum allowable working pressure shown on the nameplate or stamping.
19. HEATING SURFACE SQ. FT.: Enter the boiler heating surface shown on the stamping or nameplate. **Note:** This entry is not required for electric boilers.
20. CAST IRON: Enter the total number of sections for cast-iron boilers.
21. MANHOLE: Indicate whether the boiler has a manway.
22. SPECIFIC ON-SITE LOCATION: Enter the on-site location of the boiler in sufficient detail to allow location of that boiler.
23. PRESSURE RELIEF VALVE SIZE: Enter the inlet and outlet size of all installed boiler safety or safety relief valves.
24. PRESSURE RELIEF VALVE SET PRESSURE: Enter the set pressure of all installed boiler safety or safety relief valves.
25. PRESSURE RELIEF VALVE CAPACITY: Enter the capacity in either lbs. of steam per hour or Btu/hr for each installed boiler safety or safety relief valve.
26. MANUFACTURER: Enter the manufacturer of each installed boiler safety and safety relief valve.

27. **LOW WATER FUEL CUTOFF:** Enter the manufacturer's name, type, number and maximum allowable working pressure of all installed low water fuel cutoff devices.
28. **PRESSURE/ALTITUDE GAGE:** Enter the dial range of the installed pressure or altitude gage, cutout valve or cock size, a maximum allowable working pressure, and gage pipe connection size. For steam boilers, indicate gage siphon or equivalent device installed.
29. **EXPANSION TANK:** Indicate code of construction of installed expansion tank, tank maximum allowable working pressure, and tank capacity in gallons.
30. **VENTILATION AND COMBUSTION AIR:** Indicate total square inches of unobstructed opening or total cubic feet per minute of power ventilator fan(s) available for ventilation and combustion air.
31. **WATER LEVEL INDICATORS:** Enter the number of gage glasses and/or remote indicators and connecting pipe size.
32. **FEED WATER SUPPLY:** Enter the total number of feeding means, connecting pipe size, stop and check valve size, and maximum allowable working pressure.
33. **STOP VALVE(S):** Enter the number of stop valves installed, valve size and maximum allowable working pressure.
34. **POTABLE WATER HEATER UNIQUE REQUIREMENTS:** Indicate if stop valves installed and if so enter size and maximum allowable working pressure. Enter drain valve size and indicate installation of thermometer at or near boiler outlet.
- Indicate if manufacturer's certificate is attached (mandatory for new installations).
 - Indicate clearances and whether the installation replaced an existing boiler.
 - Enter any remarks or comments you deem appropriate.
 - Print installer name and registration number and sign completed report.