



(GUIDE) ADVANCE NOTICE OF INSTALLATION FORM

1 Install Type:	New object:	Old object:	Date:
	Used object:	Rental object:	

3 INSTALLER	3 OWNER-USER	3 INSTALL LOCATION
Name:	Name:	Name:
Phone:	Phone:	Phone:
Street #:	Street #:	Street #:
City, State, Zip:	City, State, Zip:	City, State, Zip:

4 OBJECT INFORMATION:					
National Bd. #:	Mfg.:	Mfg. S/N:	Year Bld.:		
Object Type:	Object Use:	Fuel:	Method of Fire:		
Input value:	(Btu Kw)	Output value:	(Btu PPH)	Operating PSI:	
ASME Stamp:	A:	E:	H:	HLW:	
	M:	S:	U:	Other:	
Stamped MAWP:	Heating Surface, Sq. Ft.:		Manhole:	Yes:	No:

5 PRESSURE RELIEF DEVICE:					
No.	Size:	Set Pressure (PSI):	Capacity: (BTU / PPH)	Manufacturer:	
1.					
2.					
3.					
4.					

6 LOW-WATER FUEL CUTOFF:			
Probe Type:	Flow Switch	Float & Chamber	Other:
No.:	No.:	No.:	
Mfg.:	Mfg.:	Mfg.:	

7 PRESSURE / ALTITUDE GAGE:		8 EXPANSION TANK:	
Dial Graduation:	MAWP:	ASME Constructed: Yes NO	MAWP:
Valve/Cock Size:	Pipe Connection Size:	Other:	No. Gallons:
Siphon or Equivalent Device:	Yes No		

9 VENTILATION & COMBUSTION AIR		10 WATER LEVEL INDICATORS:	
Unobstructed Opening (sq. in.):		Number of Gage Glasses:	
Power Ventilator Fan (CFM):		Number of Remote Indicators:	
		Size of Connecting Piping:	

11 FEED WATER SUPPLY:		12 STOP VALVES:	
Number of Feeding Means:	Pipe Size:	Number of Valves:	
Stop Valve Size:	MAWP:	Valve Size:	
Check Valve Size:	MAWP:		



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13 EXTERNAL PIPING ASME CODE:			
Constructed to ASME:	Yes:	No:	Other:

14 FUEL TRAIN:	
ANSI Z21.10.1 (Gas Water Heater Input BTUH 75,000 or less):	ANSI Z21.10.3 (Gas Water Heater Input BTUH 75,000 or above):
ANSI Z21.13/CSA 4.9 (Gas Fired low pressure boilers):	CSD-1 Part CF:
NFPA 31 (Oil Burning Equipment):	NFPA 54/ANSI Z223.1 (National Fuel Gas Code):
NFPA 58 (Liquefied Petroleum Gas Code):	NFPA 70 (National Electrical Code):
NFPA 85 (Power Boilers equal to or above 12,500 MBH):	Other:

15 BOTTOM BLOWDOWN CONNECTIONS:			
# of Valves:	Valve Size:	MAWP:	Piping Run Full Size: Yes: No:

16 POTABLE WATER HEATER UNIQUE REQUIREMENTS:			
Stop Valves Installed:	Yes:	No:	Inlet Stop Valve Size:
		MAWP:	
Outlet Stop Valve Size:	MAWP:		Drain Valve Size:
		Thermometer: Yes: No:	

17 EQUIPMENT ROOM:					
What is the size of the room (Sq. Ft.)?			How many exits does the room have?		
Total amount of Btu's produced by all objects in the room?			Does the room have a Carbon Monoxide (CO) detector/alarm?		
Does the object have remote emergency stop switches?			If yes, where are they located?		
Does the object have an electrical disconnect?			If yes, where is it located?		
Does object replace an existing one? Yes: No:			If yes, what was the Jurisdictional # of the replaced object?		
Does the location have an insurance company perform their State inspections?					
If an insurance company is used, what company is used?					
Clearances from the object and the floor, walls, and/or ceiling?					
Top:	BTM:	Front:	Rear:	Left:	Right:

18 Comments:	
Installer Name:	Installer Signature:

BY SIGNING, THE INSTALLER HEREBY CERTIFIES THIS INSTALLATION COMPLIES WITH THE IOWA CODE, ADMINISTRATIVE RULES, & CODES ADOPTED BY REFERENCE.

GUIDE FOR COMPLETING THE ADVANCE NOTICE OF INSTALLATION FORM

1) INSTALL TYPE:

- Indicate which of the four installation types apply. *Note: Only select one.*
 - “New object” (object has not been installed anywhere previously)
 - “Old object” (object was used at the location but decommissioned until now)
 - “Used object” (object was installed at a different location and moved to this location)
 - “Rental object” (the object is a temporary object rented for temporary use).

2) DATE:

- Enter the date of installation.

3) INSTALLER / OWNER-USER / INSTALL LOCATION:

- Enter the name, phone number, and address for all three of these entities.

4) OBJECT INFORMATION:

- National Bd. #:
 - Enter the assigned National Board number. *Note: Cast section boilers do not require National Board registration.*
- Mfg.:
 - Enter the boiler manufacturer’s name.
- Mfg. S/N:
 - Enter the assigned boiler manufacturer’s serial number.
- Year Bld.:
 - Enter the year the boiler was manufactured.
- Object Type:
 - Enter the type of object. *Note: See the list of object types below.*
- Object Use:
 - Enter the use of the object. *Note: See the list of object uses below.*
- Fuel:
 - Enter the type of fuel for the object. *Note: See the list of object fuels below.*
- Method of Fire:
 - Enter the method of firing. *Note: See the list of methods of fire below.*
- Input value:
 - Enter the thermal input value and indicate the units of measurement (Btu / Kw) for the object.
- Output value:
 - Enter the output value and indicate the units of measurement (Btu / PPH) for the object.
- Operating PSI:
 - Enter the pressure the object is to be operated.
- ASME Stamp:
 - Indicate the ASME stamp this object was constructed. Only select the appropriate stamp. *Note: This stamp will be on the object’s data plate.*
- Stamped MAWP:
 - Enter the maximum allowable working pressure shown on the nameplate or stamping.
- Heating Surface, Sq. Ft.:
 - Enter the boiler heating surface shown on the stamping or nameplate. *Note: This entry is not required for electric boilers.*
- Manhole:
 - Indicate whether the boiler has a manway.

5) PRESSURE RELIEF DEVICE:

- Size:
 - Enter the size of all installed safety relief valves.



- Set Pressure (PSI):
 - Enter the set pressure of all installed safety relief valves.
- Capacity:
 - Enter the capacity of all installed safety relief valves and indicate the units of measurement (Btu / PPH).
- Manufacture:
 - Enter the manufacturer of each installed boiler safety and safety relief valve.

6) LOW-WATER FUEL CUTOFF:

- Enter the number and manufacturer of the probe type, flow switch, float & chamber, or other low-water fuel cutoff devices installed on the object.

7) PRESSURE / ALTITUDE GAGE:

- Enter the dial range of the installed pressure or altitude gage, cutout valve or cock size, the maximum allowable working pressure, and gage pipe connection size. *Note: For steam boiler, indicate gage siphon or equivalent device installed.*

8) EXPANSION TANK:

- Indicate the code of construction of the installed expansion tank, tank maximum allowable working pressure, and tank capacity in gallons.

9) VENTILATION & COMBUSTION AIR:

- Indicate the total square inches of unobstructed opening or total cubic feet per minute of power ventilator fan(s) available for ventilation and combustion air.

10) WATER LEVEL INDICATORS:

- Enter the number of gage glasses and/or remote indicators and connecting pipe size.

11) FEED WATER SUPPLY:

- Enter the total number of feeding means, connecting pipe size, stop and check valve size, and maximum allowable working pressure.

12) STOP VALVE:

- Enter the number of stop valves installed, valve size, and maximum allowable working pressure.

13) EXTERNAL PIPING ASME CODE:

- Indicate if the external piping is fabricated to ASME Code, if not, indicate what code or standard the external piping was fabricated to.

14) FUEL TRAIN:

- Indicate which code the fuel train meets, if you select "other", identify what code it was used.

15) BOTTOM BLOWDOWN CONNECTIONS:

- Enter the number of, size, MAWP of the valves installed, and if the piping run is full size to the point of discharge

16) POTABLE WATER HEATER UNIQUE REQUIREMENTS:

- Indicate if the stop valves are installed. If so, enter the size and maximum allowable working pressure for them. Enter the drain valve size and indicate if the thermometer is installed at or near the boiler outlet.

17) EQUIPMENT ROOM:

- Enter the square footage of the room.
- Enter the number of exits.
- Enter the total amount of Btu input for all objects in the room.



- Indicate if the room has a CO detector/alarm.
- Indicate if emergency remote stop switches are installed and where they are located.
- Indicate if the object has an electrical disconnect and where it is located.
- Indicate if the object replaces an old object and what the jurisdictional number of the old was.
- Indicate if the owner/user use an insurance company for the State mandated inspections and the name of the insurance company.
- Identify the clearances between the object and the nearest item.

18) COMMENTS:

- Enter any additional information that may be helpful. The installer's printed or typed name and hand or electronic signature is to be entered where indicated.

Object Types

Object	Type Abbreviation	Type Full Name
Boiler	Booster WH	Booster Water Heater
Boiler	CAB	Cast Aluminum Boiler
Boiler	CFTB	Copper Finned Tube Boiler
Boiler	CIB	Cast Iron Boiler
Boiler	CTB	Copper Tube Boiler
Boiler	ELEC. GEN. B.	Electric Generating Boiler / Steam Gen.
Boiler	FT	Fire Tube Boiler
Boiler	HWSB	Hot Water Supply Boiler
Boiler	Instantaneous WH	Instantaneous Water Heater
Boiler	Stainless Steel	Stainless Steel Boiler
Boiler	Stainless Steel Coiled	Stainless Steel Coiled
Boiler	SWH	Storage Water Heater (<i>Burner input below 200,000 BTU/Hr</i>)
Boiler	VTB	Vertical Tube Boiler
Boiler	VTFLESS	Vertical Tube Flueless Boiler
Boiler	WHSB	Water Heating Supply Boiler (<i>Burner input above 200,000 BTU/Hr or 120 gal</i>)
Boiler	WT	Water Tube
Boiler	WTCOIL	Water Tube Coiled Boiler
Boiler / Pressure Vessel	HRSG	Heat Recovery Steam Generator
Boiler / Pressure Vessel	SUP. HRT.	Superheater
Pressure Vessel	Autoclave	Autoclave
Pressure Vessel	CONDS.RC	Condensate Receiver
Pressure Vessel	DA	Deaerator
Pressure Vessel	Digester	Digester
Pressure Vessel	Distillation	Distillation (<i>Tower / Column</i>)
Pressure Vessel	Dryer	Dryer
Pressure Vessel	Economizer	Economizer
Pressure Vessel	EVAP	Evaporator
Pressure Vessel	Extraction	Extraction
Pressure Vessel	FD. WTR	Feed Water Tank
Pressure Vessel	FLASHTK	Flash Tank
Pressure Vessel	H EX	Heat Exchanger
Pressure Vessel	JT Kettle Cooker E	Jacketed Kettle - Electric
Pressure Vessel	JT Kettle Cooker G	Jacketed Kettle - Gas
Pressure Vessel	JT. COOK	Jacketed Cooker
Pressure Vessel	JT REAC	Jacketed Reactor
Pressure Vessel	STM.JK.KT.E.	Jacketed Kettle - Electric
Pressure Vessel	STM.JK.KT.G.	Jacketed Kettle - Gas
Pressure Vessel	Vacuum	Vacuum
Pressure Vessel	Vulcanizer	Vulcanizer



Object Uses

Object	Use Abbreviation	Use Full Name
Boiler	HWH	Hot Water Heating
Boiler	HWS	Hot Water Supply
Boiler	STM. HTG.	Steam Heating
Boiler / Pressure Vessel	Cook	Cooking
Boiler / Pressure Vessel	Other	Other <i>(last resort, a description why must be in the object comments)</i>
Boiler / Pressure Vessel	Power	Power
Boiler / Pressure Vessel	Process	Process
Boiler / Pressure Vessel	STM. FERM.	Steam Fermentation
Boiler / Pressure Vessel	STM. STER.	Steam Sterilization
Pressure Vessel	FRZ.DRY	Freeze Drying
Pressure Vessel	Storage	Storage

Method of Firing

Auto	Burner	Cyclone
Electrical	Indirect	Manual
Mechanical Stoker	Self-Producing <i>(e.g. waste heat exchanger)</i>	

Fuel

Biomass	Coal	Coal / Gas	Coal / Gas / Oil
Coal / Oil	Coal / Wood	Electric	Electric / Coal
Electric / Gas	Gas	Gas / Oil	Gas / Waste
Oil	Oil / Wood	Stoker	Waste Heat
Wood			

ASME Stamps

Stamp Designation		
A = Assembly of Power Boiler	E = Electric Boilers	H = Heating Boilers
HLW = Lined Potable Water Heaters	M = Miniature Boilers	S = Power Boiler
U = Unfired Pressure Vessel		