



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

Boiler or Pressure Vessel First Data Report

Guideline
Technical Standards and Safety Act
 Boilers and Pressure Vessels Regulation



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Owner Name:	1
Owner Address:	2
Contact Person & Contact Information: <small>(Name, phone number, and/or email)</small>	3
Owner TSSA Account Number:	4
User Name (5 same as Owner):	6
Installation Address:	7
Contact Person & Contact Information: <small>(Name, phone number, and/or email)</small>	8
User TSSA Account Number:	9

Boiler or Pressure Vessel Information:			
Canadian Registration Number (5AN/5IN): 10	Manufactured By: 11	Year Built: 12	
Manufacturer's Serial Number: 13	National Board Number: 14	O.I.N. Number: 15	
ASME Code Symbol/Designator: 16 <input type="checkbox"/> S <input type="checkbox"/> H <input type="checkbox"/> HLW <input type="checkbox"/> U <input type="checkbox"/> uz	Description of Boiler or Pressure Vessel: 17	New or Used Equipment: 18 <input type="checkbox"/> New <input type="checkbox"/> Used	
Existing UID (if applicable): 19	Overall Dimensions: 20 <input type="checkbox"/> in <input type="checkbox"/> mm X 21 <input type="checkbox"/> in <input type="checkbox"/> mm X 22 <input type="checkbox"/> in <input type="checkbox"/> mm <small>Diameter/Width Length Height (for plate heat exchanger)</small>		
Shell / Primary Side:			
Maximum Allowable Working Pressure: 23 <input type="checkbox"/> psi <input type="checkbox"/> kPa	Temperature: 24 <input type="checkbox"/> °F <input type="checkbox"/> °C	Contained Fluid: 25	Pressure Relief Device Setting: 26 <input type="checkbox"/> psi <input type="checkbox"/> kPa
Tube or Jacket / Other Side:			
Maximum Allowable Working Pressure: 27 <input type="checkbox"/> psi <input type="checkbox"/> kPa	Temperature: 28 <input type="checkbox"/> °F <input type="checkbox"/> °C	Contained Fluid: 29	Pressure Relief Device Setting: 30 <input type="checkbox"/> psi <input type="checkbox"/> kPa
Additional Information:			
Boiler Heating Surface: 31 <input type="checkbox"/> sq.ft. <input type="checkbox"/> sq.m.	Boiler Wetted Surface: 32 <input type="checkbox"/> sq.ft. <input type="checkbox"/> sq.m.	Number of Sections (for plate exchangers): 33	
Is the Boiler or Vessel Insured? 34 <input type="checkbox"/> Yes <input type="checkbox"/> No	Name of Insurer: 35		
Is the Boiler or Vessel Rented? 36 <input type="checkbox"/> Yes <input type="checkbox"/> No	Rental Information: 37		

Remarks (including directives issued):

38

For TSSA Inspector Use Only:			
39 Is the Boiler or Pressure Vessel in such condition that the Certificate can be issued? <input type="checkbox"/> Yes <input type="checkbox"/> No			
40 Inspection Cycle: <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years <input type="checkbox"/> 3 Years <input type="checkbox"/> Exempt		Periodic Inspection Exemption Reference: 41	
Print Name: 42	Signature: 43	Number: 44	Date of Inspection: 45



Guideline for completing the Boiler or Pressure Vessel First Data Report

Item #	Description	Example
1	Provide the name of the owner of the pressure equipment.	
2	Provide the address of the owner.	
3	Provide the name of the contact person and contact information of the owner of the pressure equipment.	
4	Provide the TSSA account number of the owner.	
5	Select box if the user is the same as the owner.	
6	Provide the name of the user of the pressure equipment, if different than stated in 1.	
7	Provide the address of the user, if different than stated in 1.	
8	Provide the name of the contact person and contact information of the user of the pressure equipment, if different than stated in 1.	
9	Provide the TSSA account number of the user, if different than stated in 1.	
10	Canadian Registration Number (CRN) of the pressure equipment found on the nameplate. Include the 5AN/5IN number if applicable.	12345.5
11	The name of the manufacture found on the nameplate.	
12	The year built found on the nameplate.	2021
13	Manufacturer's serial number found on the nameplate.	
14	National Board Number found on the nameplate.	123
15	Ontario Identification Number (O.I.N.) found on the nameplate, if applicable.	
16	Select the appropriate ASME Code Symbol/Designator found on the nameplate (if applicable).	
17	Description of the pressure equipment.	Heat Exchanger, Boiler, etc.
18	Select if the pressure equipment is new or used. If the equipment is used, state in the Remarks Section 38 any additional information, including pressure testing completed on a used vessel when requested by the TSSA Inspector.	
19	State the existing Unique Identification Number (UID) of the pressure equipment (if applicable).	
20	Overall diameter/width of the pressure equipment.	24" OD, etc.
21	Overall length of the pressure equipment.	36", etc.
22	Overall height for plate heat exchangers.	36", etc.
23	Maximum Allowable Working Pressure (MAWP) of the shell/primary side of the pressure equipment found on the nameplate.	200 psi, etc.
24	Temperature of the shell/primary side of the pressure equipment found on the nameplate.	250°F, etc.
25	Fluid contained in the shell/primary side of the pressure equipment.	Air, water, etc.
26	Pressure Relief Device setting on the shell/primary side of the pressure equipment.	250 psi, etc.
27	Maximum Allowable Working Pressure (MAWP) of the tube or jacket/other side of the pressure equipment found on the nameplate.	200 psi, etc.
28	Temperature of the tube or jacket/other side of the pressure equipment found on the nameplate.	250°F, etc.
29	Fluid contained in the tube or jacket/other side of the pressure equipment.	Air, water, etc.
30	Pressure Relief Device setting on the tube or jacket/other side of the pressure equipment.	250 psi, etc.
31	Heating surface of the Boiler.	50 sq.ft., N/A, etc.
32	Wetted surface of the Boiler	50 sq.ft., N/A, etc.
33	Number of Sections for plate exchangers	100, N/A, etc.
34	Select if the pressure equipment is insured.	



35	Name of the insurer of the pressure equipment.	
36	Select if the pressure equipment is rented.	
37	State any applicable information regarding the rental of the pressure equipment. If additional space is required, add to the Remarks Section 38.	Rented for 1 year, periodic inspection required, etc.
38	Include any relevant remarks of the pressure equipment, including any directives issued.	For used vessels: <ul style="list-style-type: none">- Provide location and extent of any corrosion, erosion, pitting, bulging, etc.- Describe adverse conditions with respect to gauges, gauge glass, safety valves, supports, etc.- Describe major changes or repairs required.
39	For TSSA use only, select if the pressure equipment is in such condition that the Certificate can be issued. If "No" is selected and further action is required, the reason (including directive references) shall be noted in the Remarks Section 38.	
40	For TSSA use only, select the inspection cycle of the pressure equipment.	
41	For TSSA use only, if the inspection cycle of the pressure equipment is exempt, include the reference of the exemption.	CAD: BPV-20-01 R1, 5.1.4, etc.
42	For TSSA use only, print name of the TSSA Inspector.	
43	For TSSA use only, signature of the TSSA Inspector.	
44	For TSSA use only, include the provincial Certificate of Competency Number.	
45	For TSSA use only, record the date of the pressure equipment inspection.	