

PORTABLE RIG BOILER INSTALLATION PERMIT APPLICATION

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A. Permit Work Class (please choose only one option):	Permit Number:
Steam Boiler <input type="checkbox"/> HP or <input type="checkbox"/> LP, Thermal Fluid Boiler (Eg: Oil) <input type="checkbox"/> LP, Glycol Fluid Boiler (Eg: Triethylene Glycol) <input type="checkbox"/> HP or LP, Hot Water Boiler <input type="checkbox"/>	

B. Contact Information	
Contractor Name: (as shown on the contractor license)	Contractor License #:
	License type <input type="checkbox"/> A <input type="checkbox"/> B
Email address:	Preferred method of contact: Email <input type="checkbox"/> Mail <input type="checkbox"/>
Contact Name/Phone #:	

C. Site / Plant Information			
Site /Plant Name:	Plant Number:		
Contact Name:	Contact Email:	Contact Phone #:	
Address:	City:	Postal Code:	Province:

D. Owner Information (only if different than contact info SECTION B provide for the site / plant)			
Company Owner Name:	Contact Name:		
Mailing Address:	City:	Postal Code:	Province:
Contact Phone (Office):	Site Contact Name:		
Contact Phone (Mobile):	Site Contact Phone:		
Contact Email:	Site Contact Email:		

E. Additional Installation Information				
Proposed Date of Installation: MM DD YYYY				
Piping Design Registration Required? <input type="checkbox"/> NO (3 INCH OR LESS NPS NOT REQUIRED)		<input type="checkbox"/> YES Please provide Piping Design Registration: _____		
Code of Design	Max.Temp.	Max. Pressure	Max. Diameter & Pipe Schedule	Material Specifications
New Equipment <input type="checkbox"/> Operating permit expired and require re-certification to reactivate <input type="checkbox"/> YES Replacement Equipment - Yes <input type="checkbox"/>				
Oil & Gas Industry <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Residential (> than 4 units) <input type="checkbox"/>				

F. Details						
ID# Eg: Unit # or Boiler #	Manufacturer	Year Built	CRN # (mandatory)	Serial #	Capacity <input type="checkbox"/> Btus/hr <input type="checkbox"/> Lb/hr	Heating Surface <input type="checkbox"/> m2 <input type="checkbox"/> KW

G. Declaration	
<input type="checkbox"/> I hereby declare all information provided is accurate; incorrect information may result in the retraction of the associated permit <input type="checkbox"/> The contractor agrees to pay on demand any shortages or extra charges for inspection towards equipment indicated herein in accordance with the Technical Safety BC Boiler & Pressure Vessel fee schedule (http://www.technicalsaftybc.ca/boiler-pressure-vessels-fee-schedule) <input type="checkbox"/> The contractor agrees to follow terms & conditions attached to this installation permit (refer to back page). <input type="checkbox"/> The contractor agrees, after completion of work, to submit to Technical Safety BC Boiler And Refrigeration Inspection Declaration Form 1449	
<input type="checkbox"/> Checking this box and submitting this form to Technical Safety BC via email constitutes your authorization. This has the same effect as submitting a handwritten signature.	
Licensed Contractor Representative's Name: _____	Signature: _____ Date: _____

F: FEE DECLARATION (See Technical Safety BC Website for Current Fee Schedules at www.technicalsaftybc.ca) GST #: 87391 2802 RT0001	
Number of Units <input type="checkbox"/> X Fee = \$ _____	

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1) Provide the following documentation along with this application to rigboilers@technicalafetybc.ca and a copy to your local Boiler Safety Officer:

- Boiler Manufacturer's Data Report
- Service Reports by a Licensed Technical Safety BC Contractor
- Safety Relief Valve Re-certification report(s) or Compliance certificate for New Safety Relief Valve(s).
- Photos of the boiler exterior (outside of building showing unit#), Front of boiler (Burner Side) with building doors open, Die Stamped Nameplate information, Low Water Cut Out Manual Reset Switch, High Pressure Limit Reset switch, Burner Flame Shutdown manual reset switch, and Safety Relief Valve(s).

2) Boiler installation permits are required when any of the limits listed below are exceeded:

- a) Power plant with a boiler or assembly of boilers which has a total heating surface area more than 2 m²
- b) Any heating or low pressure thermal fluid plant with a boiler or assembly of boilers which has a total heating surface area more than 3 m²
- c) Any power plant, heating or low pressure thermal plant, or potable hot water boiler located in a building that contains more than 4 self-contained residential units
- d) Any potable water heater with a heat input more than 120 kW (400,000 Btu/hr.)

3) Boiler installation permits Terms & Conditions:

- All installations Permits must be applied for by a Licensed Boiler Contractor
- Contractor is to notify the area Boiler Safety Officer prior to commencement of any regulated work
- Contractor, when ready for inspection, is to submit to Technical Safety BC form FRM-1449-06 (2020-04-17 "**Boiler, Pressure Vessel and Refrigeration Inspection Declaration**") (<https://www.technicalafetybc.ca/form/boiler-and-refrigeration-inspection-declaration-form-1449>)

4) Piping design registration are required for:

- Any Power Plant with a boiler or assembly of boilers which has a total heating surface area more than 2 m² and piping system greater than NPS 3
- a) Permits for boiler plants which require piping design registration are issued at the Technical Safety BC Head office only
- b) Permits for boiler plant installations which **do not** require piping design registration may be issued at **any** Technical Safety BC regional office <http://www.technicalafetybc.ca/contact/offices-across-bc>

Definitions (as described in the Safety Standards Act & Regulations):

- Power Plant: High pressure steam plant or high pressure thermal fluid plant or a high temperature high pressure fluid plant.
- High pressure Thermal Fluid Plant: All thermal fluid plants except low pressure thermal fluid plant.
- High Temperature High Pressure Fluid Plant: In which liquid is heated to a temperature greater than 121°C (250°F); or liquid is contained at a pressure greater than 1 103 kPa (160 Psig).
- Low Temperature Low Pressure Fluid Plant: In which liquid is heated at a working pressure of 206 kPa (30 Psig) or less and a temperature of 98.9°C (210°F) or less.
- Heating Plant:
 - a) a boiler in which steam or other vapour may be generated at a pressure not exceeding 103 kPa (15 Psig), or
 - b) a boiler, other than a low-temperature, low-pressure boiler, in which water or an aqueous solution may be heated to a pressure not exceeding 1 103 kPa (160 Psig) or a temperature not exceeding 121°C (250°F)
- Water Heater: Potable hot water at pressures not exceeding 1103 kPa (160 Psig) or temperature not exceeding 98.9°C (210°F)
- High Pressure Steam: Steam pressure greater than 103 kPa (15 Psig)
- Low Pressure Steam: Steam pressure not more than 103 kPa (15 psig)