

Building Act (B-1.1)  
Regulation respecting pressure installations (B-1.1, r. 6.1)  
Boiler, Pressure Vessel, and Pressure Piping Code (CSA B51)

**This form is intended for pressure equipment manufacturers who want to register their designs of pressure equipment and fittings in order to obtain a Canadian Registration Number (CRN).**

It can be used to register the design of a:

- a pressure vessel or a part thereof (section 5)
- several fittings of the same category (section 6)
- a single fitting (section 7).

Sections 5, 6 or 7: only one must be filled out depending on what you register.

TO SIMPLIFY  
THE PROCESSING  
OF YOUR  
APPLICATION,  
FILL OUT THIS FORM  
BY COMPUTER.

The fields preceded by an asterisk (\*) are mandatory.

## 1. Manufacturer identification

*Name of the company (manufacturer's name written on a ASME or provincial certificate of authorization, or name of the owner of the CRN):	
*Mailing address (as written on a ASME or provincial certificate of authorization):	
*Last and first name of the project manager/person in charge of the application:	
*Telephone number:	*Email address:

## 2. Applicant identification

This section **ONLY** needs to be filled out if the applicant is not the manufacturer, but his representative who submits the application on his behalf. (e.g., a designer)

Name of the company:	
Mailing address:	
Last and first name of the project manager/person in charge:	
Telephone number:	Email address:

## 3. Design information

*Drawing and revision number (according to the manufacturer's nomenclature):
Registration number (if already registered in another Canadian province):

## 4. Billing information

*Mailing address:	
*Person responsible for payment/project manager:	
*Telephone number:	*Email address:
Reference number (e.g., purchase number):	

## 5. Design registration of a pressure vessel or a part thereof

This section must **ONLY** be filled out to register a pressure vessel or a part thereof, as defined in CSA B51.

*This registration application is:	<input type="checkbox"/> a new request	<input type="checkbox"/> a CRN revision
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Technical description			
*Type of vessel:	<input type="checkbox"/> Boiler	<input type="checkbox"/> Heat exchanger	<input type="checkbox"/> Other pressure vessel <input type="checkbox"/> Part of a vessel
*Description or use of the vessel (e.g., fire-tube boiler, tank, heat exchanger):			
*ASME BPVC applicable section and edition:			
* <input type="checkbox"/> Diameter <b>or</b> * <input type="checkbox"/> height (for rectangular vessels):			
*Length (overall):		*Width (for rectangular vessels):	
<b>Shell</b> (Indicate the maximum allowable working pressure and the minimum and maximum operating temperature of the shell).			
*Maximum allowable working pressure (MAWP):	*Minimum operating temperature:	*Maximum operating temperature:	
<b>Tube sections</b> (Indicate the maximum allowable working pressure, and the minimum and maximum operating temperature of the tubes).			
Maximum allowable working pressure (MAWP):	Minimum operating temperature:	Maximum operating temperature:	
<b>Steam jacket</b> (Indicate the maximum allowable working pressure, and the minimum and maximum operating temperature of the steam jacket).			
Maximum allowable working pressure (MAWP):	Minimum operating temperature:	Maximum operating temperature:	
<b>Boiler only</b>	Heating surface:	m <sup>2</sup>	Power (for electric boilers): kW

Mandatory documents to attach to your application
<p><b>*Check the appropriate boxes for every document that you attach to this application.</b></p> <p><input type="checkbox"/> Certification by a recognized organization (ASME or a Canadian provincial authority)</p> <p><input type="checkbox"/> Proof of the first registration if already registered in another Canadian province</p> <p><input type="checkbox"/> Calculations or burst test report</p> <p><input type="checkbox"/> Detailed technical drawings</p> <p><b>Note</b> : Drawings and calculations must be signed by an engineer.</p>

## 6. Design registration of several fittings of the same category

This section must **ONLY** be filled out to register, collectively, several fittings falling into the same category, such as a product catalogue, as defined in CSA B51.

**Fittings of category A, B and C:** register fittings that are manufactured according to a STANDARD THAT IS NOT RECOGNIZED at the national level only. To see the list of the nationally recognized standards, consult Tables 326.1 of the Code ASME B31.3 and article UG-44 of the Code ASME, Section VIII, Div.1.

This registration application is:  a new request  a CRN revision  a renewal

### Technical description

\*Category of the fittings (as defined in CSA B51):  A  B  C  D  E  F  G

\*Description of the fittings:

\*Applicable construction code and edition:

\*Is this a nationally recognized standard?  Yes  No

To know, see Tables 326.1 of the Code ASME B31.3 and article UG-44 of the Code ASME, Section VIII, Div.1.

### Mandatory documents to attach to your application

**\*Check the appropriate boxes for every document that you attach to this application.**

- Statutory Declaration Registration of Fittings
- Example of the manufacturer identification marking
- Proof of the accepted and valid quality control program
- Proof of the first registration, if already registered in another Canadian province
- Detailed calculations or burst test report
- Applicable detailed technical drawings or catalogue

**Note :** Drawings and calculations must be signed by an engineer.

## 7. Design registration of a single fitting

This section must **ONLY** be filled out to register a fitting as defined in CSA B51.

**Fittings of category A, B and C:** register fittings that are manufactured according to a STANDARD THAT IS NOT RECOGNIZED at the national level only. To see the list of the nationally recognized standards, consult Tables 326.1 of the Code ASME B31.3 and article UG-44 of the Code ASME, Section VIII, Div.1.

\*This registration application is:  a new request  a CRN revision  a renewal

### Technical description

\*Category of the fitting (as defined in CSA B51):  A  B  C  D  E  F  G  H

\*Description of the fitting:

\*Applicable construction code and edition:

\*Is this a nationally recognized standard?  Yes  No

To know, see Tables 326.1 of the Code ASME B31.3 and article UG-44 of the Code ASME, Section VIII, Div.1.

\* Diameter or \* height (for rectangular fittings):

\*Length (overall):

\*Width (for rectangular fittings):

\*Indicate the fittings maximum allowable working pressure (MAWP):

Indicate the minimum and maximum allowable operating temperature.

\*Minimum temperature:

\*Maximum temperature:

### Mandatory documents to attach to your application

\*Check the appropriate boxes for every document that you attach to this application.

- Statutory Declaration Registration of Fittings
- Example of the manufacturer identification marking
- Proof of the accepted and valid quality control program
- Proof of the first registration if already registered in another Canadian province
- Detailed calculations or burst test report
- Detailed technical drawings

**Note:** Drawings and calculations must be signed by an engineer.

## 8. Signature of the person in charge of the design registration application

I hereby declare that all the information provided is accurate and complete.

Signature:

Date:

### Sending the form

The form and all required documents must be sent, in PDF format, to [enregistrementdesplans@rbq.gouv.qc.ca](mailto:enregistrementdesplans@rbq.gouv.qc.ca).

Please send each document in a separate file.

DO NOT FORGET TO  
ATTACH ALL MANDATORY  
DOCUMENTS.