

BOILERS, PRESSURE VESSELS, AND REFRIGÉRATION



# Class REF

Contractor Licence Guideline

# Class REF Contractor Licence Guideline

[www.technicalsaftybc.ca](http://www.technicalsaftybc.ca)

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## Safety Notice

Disclaimer:

Please note that references to the legislation, codes, directives, safety orders, and web pages throughout this document may not reflect the most recent versions available.

Also, the references in this outline are by no means an exhaustive list of all the situations that may apply to a particular situation.

Therefore, the user should make sure that references are current and relevant to any situation that they are dealing with.

The latest version of this document is available in PDF format on the Technical Safety BC website: <https://www.technicalsaftybc.ca/>

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## 1. The Guideline’s Scope

This guideline has been created to provide information that is applicable to a Class REF contractor licence under the [Power Engineers, Boiler, Pressure Vessel, and Refrigeration Safety Regulation](#)

## 2. Application for a Class REF Contractor Licence

To apply for a Class REF contractor licence, the applicant must submit a completed application, and pay the non-refundable application fee to Technical Safety BC.

Application submission options, the schedule of applicable fees, and other information are available on our [website](#).

## 3. Scope of Class REF Licence

This scope of work applicable to a Class REF contractor licence is provided for reference. See the [schedule](#) of the Regulation for a list of the adopted codes and standards.

Class REF	Reference: Scope of work
Refrigeration systems and plants	<p>Installation, maintenance, repair and alteration of refrigeration systems, plants, and equipment; including construction of refrigeration pressure piping, and installation of pressure vessels associated with refrigeration plants.</p> <p>*Conforming to CSA B52 and following any applicable code(s).</p> <p>i.e., CSA B51, ASME B31.5, National Board NB-23</p>

## 4. Review and Approval Process of Class REF Contractor Licence Applications

Once the application is received and nonrefundable fee is processed, Technical Safety BC will conduct a review and approval process of the application, including refrigeration mechanic trade qualification (TQ) verification.

Technical Safety BC will contact the applicant to conduct an interview to review all applicable requirements under the Act and regulations. Including review of applicable code(s) and standards that the regulated work will be performed to per the applied scope of work under the licence, and to ensure regulated work that is outside the applied scope of the contractor licence will not be performed.

The interview will cover the requirements for welding and/or brazing on regulated products as mentioned in above table, to ensure the applicant understands the need for qualified individuals using a registered procedure, it will also ensure the applicant has reviewed, understood, and has working knowledge and access to the applicable adopted codes:

- i.CSA-B52 Mechanical Refrigeration Code (mandatory)
- ii.CSA B51 Boiler, Pressure Vessel, and Pressure Piping Code (recommended)
- ii.ASME B31.5 Refrigeration piping and heat transfer components (recommended)
- iii.NBIC NB23 - National Board Inspection Code for Boilers and Pressure Vessels (recommended)

Once this interview portion of the application process is completed and applicable fees are paid, Technical Safety BC will approve and issue the class REF contractor licence.

Technical Safety BC is an independent, self-funded organization mandated to oversee the safe installation and operation of technical systems and equipment.



In addition to issuing permits, licences, and certificates, we work with industry to reduce safety risks through assessment, education and outreach, enforcement, and research.

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