

Exam information sheet

15.9 Contractor – Small refrigeration systems



Introduction

This document includes information on the objectives of the examination, a summary of its content, and the legislation and standards to be studied.

Examination objectives and presentation

Successful candidates may act as guarantors for construction work included in the following subclass:

15.9 - Contractor – Small refrigeration systems

This subclass authorizes construction work that is not reserved exclusively for master pipe-mechanics relating to air conditioning refrigeration systems with a cooling capacity not exceeding 20 kW and a refrigerant of group A1, A2 or a mixture of both, according to the classification in the table on refrigerants and charges of the *Mechanical Refrigeration Code*, CSA B-52, published by the Canadian Standards Association.

It also authorizes construction work relating to the heating and air conditioning devices of a pulsed air system, whose capacity does not exceed 40 kW and that use a refrigerant referred to in the first paragraph, provided that the contractor also holds the appropriate subclass 15.1, 15.1.1, 15.7 or 15.8.

In addition, this subclass authorizes construction work relating to the heating and air conditioning devices of a hydronic system, whose capacity does not exceed 40 kW and that use a refrigerant referred to in the first paragraph, provided that the contractor also holds the appropriate subclass 15.4 or 15.4.1.

Lastly, it authorizes similar or related construction work.¹

Exam information

- Duration: 3 hours
- Passing grade: 60%
- Language: French or English
- Type of exam: multiple-choice questions

Examination content

The examination for subclass *15.9 - Contractor – Small refrigeration systems* covers the following subjects:

- Definitions and types of systems;
- Legislative, normative and regulatory framework;
- Reading plans and specifications;
- Standards and management of work.

¹ Source: *Regulation respecting the professional qualification of contractors and owner-builders.*

Exam preparation

To prepare for the exam, it is advisable to review the **competency profile**, which describes all the competencies and skills required of the guarantor that could be evaluated during the exam.

You will find the **competency profile**, this information sheet and other relevant information on our website: www.rbq.gouv.qc.ca/preparation-examen.

Recommended reading and materials provided during the exam session

As a guarantor, you must comply with the legislative and regulatory requirements of your field of qualification. Accordingly, you must stay current with laws, regulations, codes and standards.

Below are the main documents covering the subject of the exam:

Documents	Recommended reading	Provided at the exam
<i>Building Act (C.Q.L.R., c. B-1.1)</i>	X	
<i>Regulation respecting the professional qualification of contractors and owner-builders (C.Q.L.R., chapter B-1.1)</i>	X	
<i>Quebec Construction Code, Chapter I—Building, and National Building Code of Canada – Canada 1995 (amended)</i>	X	X
<i>Act respecting occupational health and safety (C.Q.L.R., c. S-2.1)</i>	X	
<i>Safety Code for the construction industry (C.Q.L.R., c. S-2.1, r. 4) (2013)</i>	X	X
<i>Act respecting pressure vessels (C.Q.L.R., chapter A-20.01)</i>	X	
<i>Regulation respecting pressure vessels (C.Q.L.R., chapitre A-20.01, r.1.1)</i>	X	
<i>Highway Safety Code (C.Q.L.R., c. C-24.2)</i>	X	
<i>Transportation of Dangerous Substances Regulation (C.Q.L.R., chapitre C - 24.2)</i>	X	
<i>CSA-B52-99 – Mechanical refrigeration code (2001)</i>		X

Many of these documents are available on the Publications Québec website at: www.publicationsduquebec.gouv.qc.ca.

Materials provided

All materials required for the exam (calculator, ruler, paper, pencil, etc.) will be provided on site.

Only the documents and materials provided by the invigilator may be used during the exam session.