

Exam information sheet

1.9 Contractor – Building mechanicals



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:

1.9. Contractor – Building mechanicals

Subject to the second paragraph of article 6 of this regulation, this licence subclass authorizes construction work on a building's mechanical systems, equipment for public use, or civil engineering works such as heating, ventilation, refrigeration, plumbing, and fire protection works and their control systems, as well as insulation and emergency electrical power work.

It also authorizes construction work included in a subclass of Schedule III but not authorized in the first paragraph, when said work is part of a project relating to a building's mechanical systems, equipment intended for public use, or civil engineering works.

Lastly, it authorizes similar or related construction work.

Exam information

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

Examination content

The examination for subclass *1.9 - Contractor – Building mechanicals* covers the following modules:

- Definitions and system types
- Legislative, normative and regulatory framework
- Reading plans and specifications
- Standards and execution of work.

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., c. B-1.1, r. 9)</i>	X	
<i>Construction Code (C.Q.L.R., c. B-1.1, r.2) - Chapter I, Building 1995</i>	X	X
<i>Construction Code (C.Q.L.R., c. B-1.1, r.2) – Chapter III, Plumbing 2008</i>	X	X
<i>Construction Code (C.Q.L.R., c. B-1.1, r.2) – Chapitre V, Electricity 2007</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)</i>	X	X
<i>Regulation respecting occupational health and safety (C.Q.L.R., c. S-2.1, r.13)</i>	X	
<i>Master Pipe-Mechanics Act (C.Q.L.R., c. M-4)</i>	X	
<i>Master Electricians Act (C.Q.L.R., c. M-4)</i>	X	
<i>Act respecting pressure vessels (C.Q.L.R., c. A-20.01)</i>	X	
<i>Regulation respecting pressure vessels (C.Q.L.R., c. A-20.01, r.1)</i>	X	
<i>Regulation respecting certificates of qualification and apprenticeship regarding gas, stationary engines and pressure vessels (C.Q.L.R., c.F-5, r.2)</i>	X	
<i>ANSI/ASHRAE-62.1-2004 – Ventilation for Acceptable Air Quality</i>	X	
<i>CAN/CSA F326-M91 (2005) – Residential Mechanical Ventilation Systems</i>	X	X
<i>National Plumbing Code – Canada 2005 (NPC)</i>	X	X
<i>National Fire Code of Canada - (2005)</i>	X	
<i>CSA-B52-1999 – Mechanical refrigeration code</i>	X	X

Documents	Recommended reading	Provided at the exam
NFPA 13 (1999) – <i>Installation of Sprinkler Systems</i>	X	X
NFPA 96 (2004) – <i>Ventilation Control and Fire Protection of Commercial Cooking Operations</i>	X	
ANSI/SMACNA 006-2006 - <i>HVAC Duct Construction Standards Metal and Flexible</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.