



## 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:

### 15.7 - Contractor – Residential ventilation

This subclass authorizes construction work that is not reserved exclusively for master pipe-mechanics relating to air circulation or distribution systems related to ventilation, exhaust, air compensation and air conditioning of single family dwellings, duplexes or town houses and private portions of multifamily buildings held in divided co-ownership.

It also authorizes, for buildings covered in the first paragraph, construction work relating to the heating duct systems and the installation of the heating devices of a pulsed air heating system as well as construction work relating to the heating duct systems of a pulsed air heating and air conditioning system.

In addition, this subclass authorizes, for the same buildings, construction work relating to the heating and air conditioning devices of a pulsed air system provided that the contractor also holds the appropriate subclass 15.9 or 15.10.

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 *15.7 - Contractor – Residential ventilation* covers the following subjects:

- Definitions and types of systems;
- Legislative, normative and regulatory framework;
- Reading and interpreting plans and specifications;
- Standards and management 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](http://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
ASHRAE standards and manuals	X	
CAN/CGSB-149.11-2019 – <i>Radon control options for new buildings, Canadian General Standards Board</i>	X	
CAN/CSA-B149.1-10 – <i>Natural Gas and Propane Installation Code</i>	X	X
CAN/CSA-C273.5 – <i>Installation of air source heat pumps and air conditioners</i>	X	
CAN/CSA-F326-FM91 (C2005) – <i>Residential Mechanical Ventilation Systems</i>	X	X
<i>Quebec Construction Code, Chapter I—Building, and National Building Code of Canada – Canada 2010 (amended)</i>	X	X
<i>Quebec Construction Code (QCC) Chapter I. Part I.1, Energy Efficiency of Buildings of Quebec (QCC)</i>	X	
<i>Safety Code (C.Q.L.R., c. B-1.1, r.3)</i>	X	
<i>Safety Code for the construction industry (C.Q.L.R., c. S-2.1, r. 4)</i>	X	X
CSA-B139 – <i>Installation code for oil-burning equipment</i>	X	
CSA-B365 – <i>Installation code for solid-fuel-burning appliances and equipment</i>	X	
CSA-F280 – <i>Determining the required capacity of residential space heating and cooling appliances</i>	X	
HRAI (2006) – <i>Residential Mechanical Ventilation</i>	X	
<i>HVAC Duct Construction Standards (SMACNA)</i>	X	
<i>Radon - Reduction Guide for Canadians (Health Canada, 2014)</i>	X	
<i>Safety Code for the construction industry (C.Q.L.R., c. S-2.1)</i>	X	
<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	

Many of these documents are available on the Publications Québec website at: [www.publicationsduquebec.gouv.qc.ca](http://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.