

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:

17.1 - Contractor – Instrumentation and control systems

This subclass authorizes construction work that is not reserved exclusively for electrical contractors relating to instrumentation and control systems.

It also authorizes construction work in subclass 17.2 of Schedule III.

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 *17.1 - Contractor – Instrumentation and control systems* covers the following subjects:

- Definitions and types of systems;
- 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>Quebec Construction Code – Chapter I, Building Act 1995 (C.Q.L.R., chapter B-1.1)</i>	X	X
<i>Quebec Construction Code– Chapter V – Electricity 2007 (C.Q.L.R., chapter B-1.1)</i>	X	X
<i>Safety Code (C.Q.L.R., chapter 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>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 the quality of the work environment (C.Q.L.R., chapter S-2.1)</i>	X	
<i>Act respecting the conservation of energy in buildings (C.Q.L.R, chapter E-1.1)</i>	X	
<i>Regulation respecting energy conservation in new buildings (RLRQ, chapter E-1.1, r.1)</i>	X	
Quebec Construction Code, Chapter V - Electricity - Canadian Electrical Code, Part I (Twentieth Edition) with Québec Amendments	X	
CAN/CSA-C22.2 NO. 0-FM91 (C2006) – <i>General requirements – Canadian Electrical Code, Part II</i>	X	
ANSI/ASHRAE Standard 135-2001 – <i>BACnet® – A Data Communication Protocol for Building Automation and Control Networks (ANSI Approved)</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.