

# Exam information sheet

## 1.5 Contractor – Civil engineering structures



## 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:

### 1.5. Contractor – Civil engineering structures

This subclass authorizes construction work on civil engineering structures made of reinforced concrete, metal or other material and electric generating works.

It also authorizes construction work included in subclasses 3.1, 4.1, 5.1 and 6.1 of Schedule II, when said work relates to a civil engineering structure governed by this subclass.

This subclass also authorizes construction work in subclass 1.6, but only to have it carried out, when it is related to a civil engineering structure covered by this subclass.

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 *Execution of Construction Work* exam includes sections on the following subjects:

- Definitions and principles
- Various types of civil engineering structures authorized by subclass 1.5 - Contractor – Civil engineering structures
  - Civil engineering structures related to support
  - Civil engineering structures related to railway projects
  - Civil engineering structures related to electricity generation
  - Bridge and viaduct works
  - Electrical stations located within an electric power plant
  - Civil engineering structures related to cogeneration plants
  - Various structural works authorized by this subclass
- Legislative, normative and regulatory framework
- Development of the phases of execution of a project
- Strength of materials and load transfer
- Reading and interpreting plans and specifications

- Cost estimates and bids
- Prevention management specific to civil engineering structural 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
<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>Civil Code of Québec (C.Q.L.R., c. C-1991)</i>	X	
<i>Criminal Code (An Act to amend the Criminal Code, S.C. (2003), c. C-21, art. 217.1)</i>	X	
<i>Engineers Act (C.Q.L.R., c. I-9)</i>	X	
<i>Act respecting labour relations, vocational training and workforce management in the construction industry (C.Q.L.R. c. R-20)</i>	X	
<i>Act respecting land use planning and development (C.Q.L.R., c. A-19-1)</i>	X	
<i>Environment Quality Act (C.Q.L.R., c. Q-2)</i>	X	
<i>Regulation respecting compensation for adverse effects on wetlands and bodies of water (C.Q.L.R., c. Q-2, r.9.1)</i>	X	
<i>Regulation respecting the environmental impact assessment and review of certain projects (C.Q.L.R., c. Q-2, r.23.1)</i>	X	
<i>Regulation respecting municipal wastewater treatment works (C.Q.L.R., c. Q-2, r.34.1)</i>	X	
<i>Protection Policy for Lakeshores, Riverbanks, Littoral Zones and Floodplains (C.Q.L.R., C. Q-2, r.35)</i>	X	
<i>Regulation respecting the burial of contaminated soils (C.Q.L.R., c. Q-2, r.18)</i>	X	
<i>Regulation respecting the landfilling and incineration of residual materials (C.Q.L.R., c. Q-2, r.19)</i>	X	
<i>Québec residual materials management policy (C.Q.L.R., c. Q-2, r.35.1)</i>	X	
<i>Act respecting threatened or vulnerable species (C.Q.L.R., c. E-12.01)</i>	X	
<i>Act respecting the Ministère des Transports (C.Q.L.R., c. M-28)</i>	X	
<i>Act respecting roads (C.Q.L.R., c. V-9)</i>	X	
<i>Highway Safety Code (C.Q.L.R., c. C-24.2)</i>	X	

Documents	Recommended reading	Provided at the exam
<i>Safety Code for the construction industry (C.Q.L.R., c. S-2.1, r. 4)</i>	X	
<i>Railway Act (C.Q.L.R., c. C-14.1)</i>	X	
<i>Natural Heritage Conservation Act (C.Q.L.R., c. C-61.01)</i>	X	
<i>Sustainable Forest Development Act (C.Q.L.R., c. A-18.1)</i>	X	
<i>Act respecting the conservation and development of wildlife (C.Q.L.R. c. C-61.1)</i>	X	
<i>Watercourses Act (C.Q.L.R., c. R-13)</i>	X	
<i>Dam Safety Act (C.Q.L.R., c. S-3.1.01)</i>	X	
<i>Regulation respecting concrete pumps and distribution masts (C.Q.L.R., S-2.1, 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.