

Exam information sheet

1.6 Contractor – Underwater 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:

1.6. Contractor – Underwater civil engineering structures

This subclass authorizes construction work on underwater civil engineering structures relating to water intakes, sewer outfalls, bridge piers and caissons.

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.

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:

- Subclass definition
- Definitions and principles
- Various types of civil engineering structures authorized by subclass 1.6 - Contractor – Underwater civil engineering structures
 - Civil engineering structures related to support
 - Anchoring works
 - Dredging
 - Water intakes and sewer outfalls
 - Bridge and viaduct work
 - Various structural works authorized by this subclass
- Legislative, normative and regulatory framework
- Development of the phases of execution of an underwater civil engineering project
- Strength of materials and load transfer
- Reading and interpreting plans and specifications
- Cost estimates and bids
- Construction site safety management specific to underwater civil engineering work
- Management of construction activities specific to underwater civil engineering works

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>Civil Code of Québec (C.Q.L.R., c. C-1991)</i>	X	
<i>Criminal Code (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>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>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	

Documents	Recommended reading	Provided at the exam
<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., c. S-2.1, r.9)</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.