

Draft Regulations

Draft Regulation

An Act respecting occupational health and safety
(R.S.Q., c. S-2.1)

Occupational health and safety in mines — Amendment

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (R.S.Q., c. R-18.1), that the Regulation to amend the Regulation respecting occupational health and safety in mines, appearing below, may be made by the Commission de la santé et de la sécurité du travail and submitted to the Government for approval, in accordance with section 224 of the Act respecting occupational health and safety (R.S.Q., c. S-2.1), on the expiry of 45 days following this publication.

The draft Regulation mainly prescribes standards relating to training, mobile refuge stations, the safety device of mine hoists and the handling and use of explosives, in particular their transport and loading. Provisions relating to the storage of explosives are also reviewed mainly to take into account the differences between a magazine and a chamber.

Further information may be obtained by contacting France Gauthier, Commission de la santé et de la sécurité du travail, 524, rue Bourdages, Québec (Québec) G1K 7E2; telephone: 418 266-4900, extension 2029; fax: 418 266-4698.

Any person wishing to comment on the draft Regulation is requested to submit written comments within the 45-day period to Claude Sicard, Vice President, Partnership and Expert Consulting, Commission de la santé et de la sécurité du travail, 1199, rue De Bleury, 14^e étage, Montréal (Québec) H3B 3J1.

MICHEL DESPRÉS,
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Executive Officer of the Commission
de la santé et de la sécurité du travail*

Regulation to amend the Regulation respecting occupational health and safety in mines

An Act respecting occupational health and safety
(R.S.Q., c. S-2.1, s. 223, 1st par., subpars. 7, 19, 41, 42,
and 2nd par.)

1. The Regulation respecting occupational health and safety in mines (c. S-2.1, r. 14) is amended by inserting the following after section 27.2:

“**27.3.** Within 12 months after (*insert the date of coming into force of this Regulation*), any person who uses a slusher, pneumatic loader or scooptram must

(1) undergo training in occupational health and safety in accordance with the following modules of the modular course for miners published by the Commission scolaire de l’Or-et-des-Bois: Module 8 for a slusher, Module 9 for a pneumatic loader and Module 10 for a scooptram; and

(2) hold an attestation to that effect issued by the Commission scolaire de l’Or-et-des-Bois.

The conditions prescribed in subparagraphs 1 and 2 of the first paragraph also apply to a person hired after the expiry of the 12-month period provided for in the first paragraph.

A person who has undergone training in accordance with Modules U0000 to U0010 of the Ontario Training and Adjustment Board and the training in accordance with Module I referred to in section 27.1 is exempt from the conditions prescribed in the first and second paragraphs.

A person who holds a vocational studies diploma in mining issued after 1 January 1995 by the Ministère de l’Éducation, du Loisir et du Sport is deemed to have passed the training referred to in subparagraph 1 of the first paragraph and is exempt from the conditions prescribed in the first and second paragraphs.”

2. The following is inserted after section 128:

“**128.1.** A mobile refuge station installed on or after (*insert the date of coming into force of this Regulation*), in addition to having the characteristics prescribed by sections 21, 109, 126, 127 and 128, must

(1) ensure its tightness by means of appropriate pressure tests according to the recommendations of the manufacturer, with the results entered in a register;

(2) be the subject of a monthly preventive maintenance program which necessarily includes maintenance every time it is moved and whose results are entered in a register;

(3) be located so that it is impossible for a vehicle to collide with the mobile refuge station.

128.2. No person may park a motorized vehicle less than 60 m (196.9 ft.) from a mobile refuge station.

128.3. A site plan of a mobile refuge station must be designed and updated every time it is moved and a copy of that plan must be kept on the mine site and available at all times.”

3. The following is inserted after section 253:

“**253.1.** To ensure safety during transportation of personnel, a device which prevents the start-up of the hoist must be installed when the doors of the cage are open.”

4. Section 404.1 is amended by inserting “or sealed” in paragraph 4 after “locked”.

5. Section 410 is amended by adding “or in a box on the surface, reserved for that purpose and identified to that effect, located at a distance of at least 23 m (75.5 ft.) from any building” at the end.

6. Section 415.3 is amended by replacing “magazines” in the second paragraph by “chambers”.

7. Section 418 is amended by replacing the first paragraph by the following:

“**418.** Where explosives are kept underground, they must be stored in a magazine

(1) constituted of at least one chamber;

(2) having a steel door at least 6 mm (0.23 in.) thick and opening only outwards where the magazine is built on or after 1 April 1993;

(3) mechanically or naturally ventilated by air intakes at least 0.06 m² (93 sq. in.) in area located at the top and bottom of the wall of the magazine; the intakes must be capable of providing at least one change of air per hour and be equipped with a spark arrester;

(4) whose openings, other than those referred to in paragraphs 2 and 3, must be closed by a shotcrete and reinforced concrete wall at least 152 mm (6 in.) thick or by a concrete wall or concrete block wall at least 300 mm (11.8 in.) thick;

(5) whose walls must be lined so as to prevent any rock from coming loose.”

8. Section 420 is amended by striking out “a chamber of”.

9. Section 421 is revoked.

10. Section 426 is amended

(1) by inserting “despite subparagraph *f* of subparagraph 1 of the first paragraph of section 424” after “other types of explosives”;

(2) by adding the following at the end:

“The distance of 8 m (26.3 ft.) must be measured along the longitudinal axis of the drift. That requirement only applies to magazines built on or after (*insert the date of coming into force of this Regulation*).”

11. Section 427 is amended by replacing “lieu d’entreposage” wherever it appears in the French text by “dépôt”.

12. Section 434 is amended by replacing subparagraph 3 of the second paragraph by the following:

“(3) no more than 6,000 kg (13,228 lb.) of explosives may be transported. Despite the foregoing, if detonators or other blasting accessories are transported with explosives, the maximum load must be 3,000 kg (6,614 lb.);”.

13. This Regulation comes into force on the fifteenth day following the date of its publication in the *Gazette officielle du Québec*.