

**Income replacement indemnity or indemnity payable under the Workers' Compensation Act  
for the year 2024 (90 % of weighted net income for 2024)**

Annual gross income	Worker with non-dependent spouse Number of full age dependents									
	None		1		2		3		4 or more	
	Number of minor dependents									
	0	1 or more	0	1 or more	0	1 or more	0	1 or more	0	1 or more
90,100	56,603.35	56,603.35	57,033.19	57,033.19	57,463.03	57,463.03	57,892.87	57,892.87	58,322.71	58,322.71
90,200	56,660.46	56,660.46	57,090.30	57,090.30	57,520.14	57,520.14	57,949.98	57,949.98	58,379.82	58,379.82
90,300	56,717.56	56,717.56	57,147.40	57,147.40	57,577.24	57,577.24	58,007.08	58,007.08	58,436.92	58,436.92
90,400	56,774.67	56,774.67	57,204.51	57,204.51	57,634.35	57,634.35	58,064.19	58,064.19	58,494.03	58,494.03
90,500	56,831.77	56,831.77	57,261.61	57,261.61	57,691.45	57,691.45	58,121.29	58,121.29	58,551.13	58,551.13
90,600	56,888.88	56,888.88	57,318.72	57,318.72	57,748.56	57,748.56	58,178.40	58,178.40	58,608.24	58,608.24
90,700	56,945.98	56,945.98	57,375.82	57,375.82	57,805.66	57,805.66	58,235.50	58,235.50	58,665.34	58,665.34
90,800	57,003.09	57,003.09	57,432.93	57,432.93	57,862.77	57,862.77	58,292.61	58,292.61	58,722.45	58,722.45
90,900	57,060.19	57,060.19	57,490.03	57,490.03	57,919.87	57,919.87	58,349.71	58,349.71	58,779.55	58,779.55
91,000	57,117.30	57,117.30	57,547.14	57,547.14	57,976.98	57,976.98	58,406.82	58,406.82	58,836.66	58,836.66
91,100	57,174.41	57,174.41	57,604.25	57,604.25	58,034.09	58,034.09	58,463.93	58,463.93	58,893.77	58,893.77
91,200	57,231.51	57,231.51	57,661.35	57,661.35	58,091.19	58,091.19	58,521.03	58,521.03	58,950.87	58,950.87
91,300	57,288.62	57,288.62	57,718.46	57,718.46	58,148.30	58,148.30	58,578.14	58,578.14	59,007.98	59,007.98
91,400	57,345.72	57,345.72	57,775.56	57,775.56	58,205.40	58,205.40	58,635.24	58,635.24	59,065.08	59,065.08
91,500	57,402.83	57,402.83	57,832.67	57,832.67	58,262.51	58,262.51	58,692.35	58,692.35	59,122.19	59,122.19
91,600	57,459.93	57,459.93	57,889.77	57,889.77	58,319.61	58,319.61	58,749.45	58,749.45	59,179.29	59,179.29
91,700	57,517.04	57,517.04	57,946.88	57,946.88	58,376.72	58,376.72	58,806.56	58,806.56	59,236.40	59,236.40
91,800	57,574.14	57,574.14	58,003.98	58,003.98	58,433.82	58,433.82	58,863.66	58,863.66	59,293.50	59,293.50
91,900	57,631.25	57,631.25	58,061.09	58,061.09	58,490.93	58,490.93	58,920.77	58,920.77	59,350.61	59,350.61
92,000	57,688.35	57,688.35	58,118.19	58,118.19	58,548.03	58,548.03	58,977.87	58,977.87	59,407.71	59,407.71
92,100	57,745.46	57,745.46	58,175.30	58,175.30	58,605.14	58,605.14	59,034.98	59,034.98	59,464.82	59,464.82
92,200	57,802.56	57,802.56	58,232.40	58,232.40	58,662.24	58,662.24	59,092.08	59,092.08	59,521.92	59,521.92
92,300	57,859.67	57,859.67	58,289.51	58,289.51	58,719.35	58,719.35	59,149.19	59,149.19	59,579.03	59,579.03
92,400	57,916.77	57,916.77	58,346.61	58,346.61	58,776.45	58,776.45	59,206.29	59,206.29	59,636.13	59,636.13
92,500	57,973.88	57,973.88	58,403.72	58,403.72	58,833.56	58,833.56	59,263.40	59,263.40	59,693.24	59,693.24
92,600	58,030.99	58,030.99	58,460.83	58,460.83	58,890.67	58,890.67	59,320.51	59,320.51	59,750.35	59,750.35
92,700	58,088.09	58,088.09	58,517.93	58,517.93	58,947.77	58,947.77	59,377.61	59,377.61	59,807.45	59,807.45
92,800	58,145.20	58,145.20	58,575.04	58,575.04	59,004.88	59,004.88	59,434.72	59,434.72	59,864.56	59,864.56
92,900	58,202.30	58,202.30	58,632.14	58,632.14	59,061.98	59,061.98	59,491.82	59,491.82	59,921.66	59,921.66
93,000	58,259.41	58,259.41	58,689.25	58,689.25	59,119.09	59,119.09	59,548.93	59,548.93	59,978.77	59,978.77
93,100	58,316.51	58,316.51	58,746.35	58,746.35	59,176.19	59,176.19	59,606.03	59,606.03	60,035.87	60,035.87
93,200	58,373.62	58,373.62	58,803.46	58,803.46	59,233.30	59,233.30	59,663.14	59,663.14	60,092.98	60,092.98
93,300	58,430.72	58,430.72	58,860.56	58,860.56	59,290.40	59,290.40	59,720.24	59,720.24	60,150.08	60,150.08
93,400	58,487.83	58,487.83	58,917.67	58,917.67	59,347.51	59,347.51	59,777.35	59,777.35	60,207.19	60,207.19
93,500	58,544.93	58,544.93	58,974.77	58,974.77	59,404.61	59,404.61	59,834.45	59,834.45	60,264.29	60,264.29

106302

## Draft Regulation

Act respecting occupational health and safety  
(chapter S-2.1)

### Health and safety in mines — Amendment

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (chapter 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 des normes, de l'équité, 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 (chapter S-2.1) on the expiry of 45 days following this publication.

The draft Regulation contains amendments to introduce the definition of seismic excavation as well as specific measures for workers working in this type of excavation, specifying in particular that the status of seismic excavation must be determined by an engineer, that the risk zone

must be delimited, and that only authorized persons can be in the risk zone. It also requires training for workers using explosives and acting as blasters in an underground or open-pit mine or in a quarry. An explosives management program must be drawn up and applied by the employer to reduce the risks associated with explosives and their use. The draft Regulation adds requirements concerning the transportation of explosives in an underground mine.

The draft Regulation adds the possibility of carrying out scaling using mechanized equipment, while complying with a procedure drawn up by an engineer, specifies that a working face must be examined before drilling is carried out, and makes it possible, in an underground mine, to install timbering up to the working face before the remnants of drill holes are marked. Last, the draft Regulation adds the possibility of carrying out drilling on broken rock without conducting an examination of misfires if the drilling pattern is staggered to ensure a minimum distance between the holes for the previous blasting and the holes drilled.

Study of the draft Regulation shows an estimated economic impact of \$3,112,000, including a total cost of \$623,000 for training for workers using explosives and for the explosives management program to be drawn up by the employer in each mine. In quarries, the cost is estimated at \$489,000 for a management program for all the enterprises concerned and is considered to be for worker training, since workers generally hold a shot-firer's certificate issued by the Commission des normes, de l'équité, de la santé et de la sécurité du travail. The costs associated with the requirements to be complied with during work in a seismic excavation will vary greatly from one mine to another, but are estimated at \$2,000,000 for the four underground mines targeted. In subsequent years, the costs associated with training for workers using explosives are estimated at \$78,000 for all mines, and are considered to be negligible for quarries. Examination of the draft Regulation to date shows that the other regulatory amendments will have no financial impact on enterprises in Québec.

Further information on the draft Regulation may be obtained by contacting Félix-Antoine Blanchard, engineer/expert advisor – Secteur mines, Direction du génie-conseil - Direction générale de la gouvernance et du conseil stratégique en prévention, Commission des normes, de l'équité, de la santé et de la sécurité du travail, 1600, avenue D'Estimauville, Québec (Québec) G1J 0H7; telephone: 418 266-4699, extension 2031; email: felix-antoine.blanchard@cnestst.gouv.qc.ca.

Any person wishing to comment on the draft Regulation is requested to submit written comments within the 45-day period to Mohamed Aiyar, Vice President Prevention,

Commission des normes, de l'équité, de la santé et de la sécurité du travail, 1600, avenue D'Estimauville, Québec (Québec) G1J 0H7.

JULIE CERANTOLA  
*Secretary General*  
*Commission des normes, de l'équité, de la santé et de la sécurité du travail*

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

Act respecting occupational health and safety (chapter S-2.1, s. 223, 1st par., subpars. 7, 9, 19 and 42, and 2nd par.)

**1.** The Regulation respecting occupational health and safety in mines (chapter S-2.1, r. 14) is amended in section 1 by inserting the following definition after the definition of “safety factor”:

““seismic excavation” means an excavation in an underground mine where there is a risk of a projection or fall or rock caused by a seismic event;”

**2.** Section 2 is amended by inserting “402, 402.1,” after “375 to 383,” in the second paragraph.

**3.** Section 26 is amended

(1) by adding the following in paragraph 2:

“(d) to act as an assistant blaster;”;

(2) by replacing subparagraph *a* of subparagraph 3 by the following:

“(a) to act as a blaster;”.

**4.** The following is inserted after section 27.7:

“**27.8.** Blasters in a mine must receive the training on explosives safety offered by the employer or the person designated by the employer. The training, given by a person with competency in the field of explosives, must in particular cover the following elements:

(1) the regulations that apply;

(2) the explosives safety data sheets used in the mine;

(3) the manufacturers' recommendations and best practices for the use of the explosives and equipment used;

(4) the procedures and directives drawn up by the employer;

(5) the firing devices;

(6) the inspection of explosives magazines, recesses, boxes and storage areas;

(7) the management of explosives that have deteriorated or are obsolete.

Blasters must receive refresher training every 5 years.

This section does not apply to assistant blasters or to persons holding a shot-firer's certificate issued by the Commission des normes, de l'équité, de la santé et de la sécurité du travail or by an agency recognized by the latter in accordance with section 292 of the Regulation respecting occupational health and safety (S-2.1, r. 13)."

**5.** Section 28 is amended by adding the following paragraph at the end:

"Notwithstanding the first paragraph, when scaling is carried out using mechanized equipment, the roofs, walls and working faces of an underground excavation need not be drilled and scaled manually if the following conditions are met:

(1) the scaling is carried out in accordance with a procedure provided in writing by an engineer taking into account the ground control program and the mechanical properties of the rock; and

(2) surface support is installed on the roofs, walls and working faces."

**6.** Section 36 is amended by inserting "manually" after "scaling" in the first paragraph.

**7.** The following is inserted after section 41:

**41.1.** The presence of a seismic excavation must be determined in writing by an engineer. The written document must be kept with the plans and specifications required pursuant to section 28.01.

The seismic excavation must be delimited and identified before the work begins and only authorized persons may be in the risk zone.

**41.2.** Scaling, drilling or support installation work in a seismic excavation must be carried out with mechanized equipment in accordance with a procedure established by an engineer.

The equipment must have a closed cab in compliance with the plans and specifications of an engineer. The cab glass exposed to the risk of rock projection must be covered by a metal mesh and be sufficiently strong to ensure worker safety.

Every person authorized to be in the seismic excavation must be in the closed cab for the duration of the work."

**8.** Section 200 is amended by replacing paragraph 1 by the following:

"(1) comply with section 179.1 and subparagraph 3 of the first paragraph of section 196;"

**9.** Section 373 is amended by striking out "208 or" in paragraph 3.

**10.** The following is inserted before section 403:

**402.** The employer having authority over an establishment shall adopt an explosives management program adapted to the particularities of the mine site and ensure it is applied. The program shall, in particular, cover the following elements:

(1) the storage of explosives;

(2) the transportation of explosives;

(3) the loading of explosives;

(4) initiation systems;

(5) the keeping of registers for the use of explosives;

(6) the destruction of packaging from explosives;

(7) the destruction of explosives that have deteriorated or are obsolete;

(8) purchases of explosives and equipment;

(9) information on the equipment used for explosives;

(10) relevant training on explosives.

The employer shall also ensure that every employer or self-employed worker storing, transporting, loading or firing explosives on the mine site complies with the explosives management program.

The explosives management program shall be updated every three years.

**402.1.** Blasting and any work requiring the use of explosives must be carried out by a blaster who has received the training referred to in section 27.8 or who holds a shot-firer's certificate issued in accordance with section 292 of the Regulation respecting occupational health and safety (S-2.1, r. 13), or by an assistant under the supervision and coordination of such a blaster.

The blaster may not be assisted in such work by more than two assistants.”

**11.** Section 434 is amended

(1) by replacing “transportation of explosives” in the second paragraph by “the motorized vehicle shall be designed or adapted for the transportation of explosives, and transportation”;

(2) by inserting “designed or adapted for the transportation of explosives and” after “be” in subparagraph *a* of subparagraph 4 of the second paragraph;

(3) by adding the following paragraph at the end:

“Paragraph 4 of section 429 does not apply when very insensitive substances with a mass explosion hazard, Class 1.5, referred to in paragraph *e* of section 2.10 of the Transportation of Dangerous Goods Regulations (SOR/2001-286), are transported underground. Such explosive substances shall, however, be secured to prevent their movement or spillage during transportation.”

**12.** The following is inserted after section 437:

**437.1.** Before drilling on a working face of an open-pit mine, it must be examined to detect misfires, cut-off holes and remnants of drill holes.

The first paragraph does not apply when the drilling is carried out using a remote control device, under supervision, and when the blasting area is evacuated.

**437.2.** Notwithstanding section 437.1, drilling in an open-pit mine may be carried out on broken rock without an examination to detect misfires if the drilling pattern is staggered to ensure a distance of 1.5 m between the holes for the previous blasting and the holes drilled.

Drilling under the first paragraph shall be carried out in accordance with a written procedure drawn up by an engineer.”

**13.** Section 438 is amended

(1) in the first paragraph

(a) by replacing “section 437” by “sections 437 and 437.1”;

(b) by inserting “, except those of a seismic excavation,” after “holes”;

(c) by adding the following:

“(3) in any other way allowing the remnants of drill holes to be marked.”;

(2) by adding the following paragraph at the end:

“However, timbering may be installed on the roofs and walls of an underground mine up to the working face before the remnants of drill holes are marked.”

**14.** Section 443.1 is amended by replacing paragraph 1 by the following:

“(1) the drill used must have a closed cab in compliance with the plans and specifications of an engineer. The cab glass exposed to the risk of rock projection must be covered by a metal mesh and be sufficiently strong to ensure worker safety.”

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

106346

## Draft Regulation

Parks Act  
(chapter P-9)

### Parks —Amendment

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), that the Regulation to amend the Parks Regulation, appearing below, may be made by the Government on the expiry of 45 days following this publication.

The draft Regulation provides that the prohibition concerning the possession of arms or hunting implements provided for in section 23 of the Parks Regulation (chapter P-9, r. 25) does not apply to a person authorized