

Gouvernement du Québec

O.C. 644-2022, 30 March 2022

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

Occupational health and safety

— Amendment

Regulation to amend the Regulation respecting occupational health and safety

WHEREAS, under subparagraphs 3, 7, 19 and 42 of the first paragraph of section 223 of the Act respecting occupational health and safety (chapter S-2.1), the Commission des normes, de l'équité, de la santé et de la sécurité du travail may make regulations

— listing contaminants or dangerous substances, classifying them, identifying the biological or chemical agents and determining for each class or each contaminant a maximum permissible quantity or concentration of emission, deposit, issuance or discharge at a workplace, prohibiting or restricting the use of a contaminant or prohibiting any emission, deposit, issuance or discharge of a contaminant;

— prescribing measures for the supervision of the quality of the work environment and standards applicable to every establishment or construction site in view of ensuring the health, safety and physical well-being of workers, particularly with regard to work organization, lighting, heating, sanitary installations, quality of food, noise, ventilation, variations in temperature, quality of air, access to the establishment, means of transportation used by workers, eating rooms and cleanliness of a workplace, and determining the hygienic and safety standards to be complied with by the employer where the employer makes premises available to workers for lodging, meal service or leisure activities;

— prescribing standards respecting the safety of such products, processes, equipment, materials, contaminants or dangerous substances as it specifies, indicating the directions for their use, maintenance and repair, and prohibiting or restricting their use;

— generally prescribing any other measure to facilitate the application of the Act;

WHEREAS, under the second paragraph of section 223 of the Act, the content of the regulations may vary according to the categories of persons, workers, employers, workplaces, establishments or construction sites to which they apply. The regulations may also provide times within which they are to be applied, and these times may vary according to the object and scope of each regulation;

WHEREAS, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), a draft Regulation to amend the Regulation respecting occupational health and safety was published in Part 2 of the *Gazette officielle du Québec* of 26 August 2020 with a notice that it could be made by the Commission and submitted to the Government for approval on the expiry 45 days following that publication;

WHEREAS the Commission made the Regulation with amendments at its sitting of 17 December 2020;

WHEREAS, under section 224 of the Act respecting occupational health and safety, every draft regulation made by the Commission under section 223 of the Act must be submitted to the Government for approval;

WHEREAS it is expedient to approve the Regulation;

IT IS ORDERED, therefore, on the recommendation of the Minister of Labour, Employment and Social Solidarity:

THAT the Regulation to amend the Regulation respecting occupational health and safety, attached to this Order in Council, be approved.

YVES OUELLET
Clerk of the Conseil exécutif

Regulation to amend the Regulation respecting occupational health and safety

Act respecting occupational health and safety

(chapter S-2.1, s. 223, 1st par., subpars. 3, 7, 19 and 42, and 2nd par.)

1. The Regulation respecting occupational health and safety (chapter S-2.1, r. 13) is amended, as of 28 October 2022, by replacing the definition of "respirable asbestos fibre" in section 1 by the following:

"respirable asbestos fibre" means asbestos fibre having a ratio of length to diameter of more than 3:1; only fibres longer than 5 µm must be taken into account for measurement purposes;"

2. Schedule I is amended

(1) by inserting the following paragraphs after paragraph 14:

"(14.1) S(D): a substance that, through skin contact, shows specific signs of sensitization on the skin.;

(14.2) S(R): a substance that shows specific signs of respiratory tract sensitization.";

(2) by replacing the following substances and their characteristics in Part 1 by the following:

"

Substance	[#CAS]	TWAEV ppm	mg/m ³	STEV/Ceiling ppm	mg/m ³	Designation and remarks
Acetone	[67-64-1]	250		500		
Allyl propyl disulfide	[2179-59-1]	0.5				<i>S(D)</i>
Azinphos-methyl	[86-50-0]		0.2			<i>Pc,S(D),IVF</i>
Benomyl	[17804-35-2]		1			<i>C3,S(D),Id</i>
n-Butyl acrylate	[141-32-2]	2				<i>S(D)</i>
n-Butyl glycidyl ether (BGE)	[2426-08-6]	3				<i>Pc, S(D)</i>
Carbofuran	[1563-66-2]		0.1			<i>IVF</i>
Carbon monoxide	[630-08-0]	35		175		
Cyclohexene	[110-82-7]	100				
1,2-Dichloropropane	[78-87-5]	10				<i>S(D)</i>
Dimethylamine	[124-40-3]	5		15		<i>S(D)</i>
Disulfoton	[298-04-4]		0.05			<i>Pc,IVF</i>
Endosulfan	[115-29-7]		0.1			<i>Pc,IVF</i>
Ethion	[563-12-2]		0.05			<i>Pc,IVF</i>
Fenthion	[55-38-9]		0.05			<i>Pc,IVF</i>
Fonofos	[944-22-9]		0.1			<i>Pc,IVF</i>
Formaldehyde	[50-00-0]			P1.5		<i>C2,EM,RP, S(D),S(R)</i>

Substance	[#CAS]	TWA/STEV		Designation and remarks
		ppm	mg/m ³	
Glutaraldehyde	[111-30-8]			P0.05 <i>RP,S(D),S(R)</i>
Hard metals containing cobalt and tungsten carbide, as cobalt			0.005	<i>C2,RP,EM,S(R),Thord</i>
Hydrogen sulfide	[7783-06-4]	8		P10
Hydroquinone	[123-31-9]		1	<i>C3, S(D)</i>
2-Hydroxypropyl acrylate	[999-61-1]	0.5		<i>Pc, S(D)</i>
Lindane	[58-89-9]		0.5	<i>C3,Pc</i>
Maleic anhydride	[108-31-6]		0.01	<i>IVF, S(D),S(R)</i>
Methyl acrylate	[96-33-3]	2		<i>Pc, S(D)</i>
Methyl isoamyl ketone	[110-12-3]	20		50
Methyl methacrylate (monomer)	[80-62-6]	50		100 <i>S(D)</i>
Mineral oil (mist)				
Little or unrefined		Without applicable permissible exposure value		<i>C2,EM,RP</i>
Pure, highly and ultra-refined Nitrogen dioxide	[10102-44-0]	3	5	5 <i>Id</i>
Parathion	[56-38-2]		0.05	<i>Pc,IVF</i> <i>Pc,S(D),C3</i>
Phenyl glycidyl ether (PGE)	[122-60-1]	0.1		
Phenyl isocyanate	[103-71-9]	0.005		0.015 <i>S(D),S(R),Pc</i>
Propylene oxide	[75-56-9]			<i>C3,S(D)</i>
			2	
Rosin core solder pyrolysis products	[8050-09-7]	Without applicable permissible exposure value		<i>S(R),S(D)</i>
Styrene (monomer)	[100-42-5]		50	75
Sulfotep	[3689-24-5]		0.1	<i>Pc,IVF</i> <i>Thord,</i> <i>RP,EM(C2 for strong acid mist)</i>
Sulfuric acid	[7664-93-9]		0.2	

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
Trimellitic anhydride	[552-30-7]		0.0005		0.002	<i>Pc,S(D),S(R),IVF</i>
Turpentine and certain monoterpenes						
Turpentine	[8006-64-2]		20		112	<i>S(D)</i>
D-3 Carene	[13466-78-9]		20		112	<i>S(D)</i>
a-Pinene	[80-56-8]		20		112	<i>S(D)</i>
b-Pinene	[127-91-3]		20		112	<i>S(D)</i>
"						

(3) by striking out the following substances and their characteristics in Part 1:

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
Aluminum (as Al)	[7429-90-5]					
Alkyls			2			
Metal			10			
Pyrotechnical powders			5			
Soluble salts			2			
Welding fumes			5			
Aluminum oxide (as Al)	[1344-28-1]		10			<i>Td, note 1</i>
Corundum	[1302-74-5]		10			<i>Td, note 1</i>
Emery	[12415-34-8]		10			<i>Td, note 1</i>
"						

(4) by inserting the following substances and their characteristics in alphabetical order in Part I:

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
Alachlore	[15972-60-8]		1			<i>C3,S(D),IVF</i>
Aluminum and its compounds			5			<i>Rd</i>
Benzene (trichloromethyl)	[98-07-7]			P0.1		<i>C2,Pc, RP,EM</i>

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
Flour dust			3			<i>Id,S(R)</i>
Kerosene	[8008-20-6; 64742-81-0]		200			<i>C3,Pc</i>
Terbufos	[13071-79-9]		0.01			<i>Pc,IVF</i> ", ,

(5) by striking out the following substance in Part 4:

"1344-28-1 Aluminum oxide";

(6) by inserting the following substances in numerical order in Part 4:

"98-07-7 Benzene (trichloromethyl)
13071-79-9 Terbufos
8008-20-6 Kerosene
15972-60-8 Alachlore
64742-81-0 Kerosene
77536-67-5 Anthophyllite asbestos".

3. As of 28 October 2022, Schedule I is amended by replacing the following substance and its characteristics in Part 1 by the following:

"

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
Asbestos – All forms (note 2a) (note 2b)	[1332-21-4]		0.1 fibre/cm ³			<i>C1,EM</i>
Actinolite	[12172-67-7]		0.1 fibre/cm ³			<i>C1,EM</i>
Amosite (note 3)	[12172-73-5]		0.1 fibre/cm ³			<i>C1,EM</i>
Anthophyllite	[77536-67-5]		0.1 fibre/cm ³			<i>C1,EM</i>
Chrysotile	[12001-29-5]		0.1 fibre/cm ³			<i>C1,EM</i>
Crocidolite (note 3)	[12001-28-4]		0.1 fibre/cm ³			<i>C1,EM</i>
Tremolite	[14567-73-8]		0.1 fibre/cm ³			<i>C1,EM</i> ".

4. As of 28 April 2024, Schedule I is amended

(1) by replacing the following substances and their characteristics in Part 1 by the following:

"

Substance	[#CAS]	TWA/24h		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
Aldrin	[309-00-2]		0.05			<i>C3,Pc,IVF</i>
Atrazine and symmetric triazine analogs	[1912-24-9]		2			<i>C3,Id</i>
Captan	[133-06-2]		5			<i>C3,Id,S(D)</i>
Carbaryl	[63-25-2]		0.5			<i>Pc,IVF</i>
Chlorpyrifos	[2921-88-2]		0.1			<i>Pc,IVF</i>
2,4-D	[94-75-7]		10			<i>Pc,Id</i>
Demeton®	[8065-48-3]		0.05			<i>Pc,IVF</i>
Diazinon®	[333-41-5]		0.01			<i>Pc,IVF</i>
Dichlorvos	[62-73-7]		0.1			<i>Pc,S(D),IVF</i>
Dicrotophos	[141-66-2]		0.05			<i>Pc,IVF</i>
Dioxathion	[78-34-2]		0.1			<i>Pc,IVF</i>
Fenamiphos	[22224-92-6]		0.05			<i>Pc,IVF</i>
Fensulfothion	[115-90-2]		0.01			<i>Pc,IVF</i>
Ferbam	[14484-64-1]		5			<i>Id</i>
Hexachlorobenzene	[118-74-1]		0.002			<i>C3,Pc</i>
Malathion	[121-75-5]		1			<i>Pc,IVF</i>
Methomyl	[16752-77-5]		0.2			<i>Pc,IVF</i>
Methyl demeton	[8022-00-2]		0.05			<i>Pc,IVF</i>
Methyl formate	[107-31-3]	50		100		<i>Pc</i>
Methyl isocyanate	[624-83-9]	0.02		0.06		<i>Pc,S(D)</i>
Methyl parathion	[298-00-0]		0.02			<i>Pc,IVF</i>
Monocrotophos	[6923-22-4]		0.05			<i>Pc,IVF</i>
Naled (Dibrom®)	[300-76-5]		0.1			<i>Pc,S(D),IVF</i>
Phorate	[298-02-2]		0.05			<i>Pc, IVF</i>
Phosdrin	[7786-34-7]		0.01			<i>Pc,IVF</i>
Pyridine	[110-86-1]	1				<i>C3</i>
Ronnel	[299-84-3]		5			<i>IVF</i>
Silica cristalline, cristobalite	[14464-46-1]		0.05			<i>Rd,C2,EM</i>
Sulprofos	[35400-43-2]		0.1			<i>Pc,IVF</i>
Temephos	[3383-96-8]		1			<i>Pc,IVF</i>
TEPP	[107-49-3]		0.01			<i>Pc,IVF</i>
Thionyl chloride	[7719-09-7]			P0.2		
Thiram®	[137-26-8]		0.05			<i>S(D),IVF</i>
Warfarin	[81-81-2]		0.01			<i>Id,Pc</i>

";

(2) by striking out the following substances and their characteristics in Part 1:

"

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
Diquat	[231-36-7]		0.5			<i>Td, note 1</i>
			0.1			<i>Td, note 1</i>
Paraquat, respirable particulates	[4685-14-7]		0.1			
Piperazine dihydrochloride	[142-64-3]		5			
Silica - Crystalline, Quartz	[14808-60-7]		0.1			<i>Rd,C2,EM</i>
Silica - Crystalline, Tridymite	[15468-32-3]		0.05			<i>Rd</i>
Silica - Crystalline, Tripoli	[1317-95-9]		0.1			<i>Rd</i>
						";

(3) by inserting the following substances and their characteristics in alphabetical order in Part 1:

"

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m ³	ppm	mg/m ³	
1-Bromopropane	[106-94-5]	0.1				<i>C3</i>
Citral	[5392-40-5]	5				<i>Pc, S(D), IFV</i>
Coumaphos	[56-72-4]		0.05			<i>Pc,IFV</i>
Diquat, as cation	[2764-72-9; 85-00-7; 6385-62-2]		0.5			<i>Id, Pc</i>
				0.1		<i>Rd,Pc</i>
Ethyl isocyanate	[109-90-0]	0.02		0.06		<i>S(D),Pc</i>
Paraquat, as cation	[4685-14-7]		0.5			
			0.1			<i>Rd</i>
Piperazine and salts [110-85-0], as piperazine		0.03				<i>S(D), S(R),IFV</i>
Silica – Crystalline/Tripoli	[14808-60-7; 1317-95-9]		0.05			<i>Rd,C2,EM</i>
Simazine	[122-34-9]		0.5			<i>C3, Id</i>
						";

(4) by striking out the following substances in Part 4:

"142-64-3 Piperazine dihydrochloride
231-36-7 Diquat
1317-95-9 Silica - Crystalline, Tripoli
14808-60-7 Silica - Crystalline, Quartz
15468-32-3 Silica - Crystalline, Tridymite";

(5) by inserting the following substances in numerical order in Part 4:

"56-72-4	Coumaphos
85-00-7	Diquat
106-94-5	1-Bromopropane
109-90-0	Ethyl isocyanate
110-85-0	Piperazine and salts
122-34-9	Simazine
1317-95-9	Silica crystalline, Quartz/Tripoli
2764-72-9	Diquat
4685-14-7	Paraquat
6385-62-2	Diquat
14808-60-7	Silica crystalline, Quartz/Tripoli".

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

105652

Gouvernement du Québec

O.C. 645-2022, 30 March 2022

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

Safety Code for the construction industry —Amendment

Regulation to amend the Safety Code for the construction industry

WHEREAS, under subparagraphs 7, 14 and 19 of the first paragraph of section 223 of the Act respecting occupational health and safety (chapter S-2.1), the Commission des normes, de l'équité, de la santé et de la sécurité du travail may make regulations

—prescribing measures for the supervision of the quality of the work environment and standards applicable to every establishment or construction site in view of ensuring the health, safety and physical well-being of workers, particularly with regard to work organization, lighting, heating, sanitary installations, quality of food, noise, ventilation, variations in temperature, quality of air, access to the establishment, means of transportation used by workers, eating rooms and cleanliness of a workplace, and determining the hygienic and safety standards to be complied with by the employer where the employer makes premises available to workers for lodging, meal service or leisure activities;

—indicating the cases or circumstances in which new construction or alterations to existing installations must not be undertaken without prior transmission to the Commission of the architect's or engineer's plans and specifications, and indicating the time, terms and conditions of their transmission; prescribing standards of construction, development, maintenance and demolition;

—prescribing standards respecting the safety of such products, processes, equipment, materials, contaminants or dangerous substances as it specifies, indicating the directions for their use, maintenance and repair, and prohibiting or restricting their use;

WHEREAS, under the second paragraph of section 223 of the Act, the content of the regulations may vary according to the categories of persons, workers, employers, workplaces, establishments or construction sites to which they apply. The regulations may also provide times within which they are to be applied, and these times may vary according to the object and scope of each regulation;

WHEREAS, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), a draft Regulation to amend the Regulation respecting health and safety in forest development work and the First-aid Minimum Standards Regulation was published in Part 2 of the *Gazette officielle du Québec* of 5 May 2021 with a notice that it could be made by the Commission and submitted to the Government for approval on the expiry of 45 days following that publication;