

(7) by striking out the heading and content of the Municipalité régionale de comté de Rouyn-Noranda subsection of the RÉGION 08 — ABITIBI-TÉMISCAMINGUE section;

(8) by striking out “Angliers,” in the Municipalité régionale de comté de Témiscamingue subsection of the RÉGION 08 — ABITIBI-TÉMISCAMINGUE section and by replacing “Laverlochère” by “Laverlochère-Angliers”;

(9) by replacing “Carleton-Saint-Omer” in the Municipalité régionale de comté d’Avignon subsection of the RÉGION 11 — GASPÉSIE-ÎLES-DE-LA-MADELEINE section by “Carleton-sur-Mer”;

(10) by replacing “de l’Amiante” in the heading of the Municipalité régionale de comté de l’Amiante subsection of the RÉGION 12 — CHAUDIÈRE-APPALACHES section by “des Appalaches”;

(11) by striking out “Sainte-Germaine-du-Lac-Étchemin,” in the Municipalité régionale de comté des Etchemins subsection of the RÉGION 12 — CHAUDIÈRE-APPALACHES section;

(12) by striking out “Chester-Est,” “Norbertville,” and “Sainte-Anne-du-Sault,” in the Municipalité régionale de comté d’Arthabaska subsection of the RÉGION 17 — CENTRE-DU-QUÉBEC section.

**38.** This Decree comes into force on the date of its publication in the *Gazette officielle du Québec*, except

(1) section 7.04.1 of the Decree respecting building service employees in the Québec region, introduced by section 16 of this Decree, which comes into force on 1 May 2023;

(2) section 7.07 of the Decree respecting building service employees in the Québec region, introduced by section 17 of this Decree, with regard to the indemnity equal to 5 times the weekly average of the wages earned for employees entitled to a 5-week annual vacation, which comes into force on 1 May 2023;

(3) paragraphs *n* and *o* of section 5.05 of the Decree respecting building service employees in the Québec region (chapter D-2, r. 16), introduced by paragraph 2 of section 8 of this Decree, which come into force on 1 November 2023;

(4) section 5.1.00 of the Decree respecting building service employees in the Québec region, introduced by section 10 of this Decree, which comes into force on 1 November 2023.

104286

Gouvernement du Québec

**O.C. 159-2020, 26 February 2020**

An 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 he 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;

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 12 December 2018 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;

WHEREAS the Commission made the Regulation with amendments at its sitting of 12 December 2019;

WHEREAS, under the first paragraph of section 224 of the Act respecting occupational health and safety, every draft regulation made by the Commission under section 223 of the Act is to 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, 42 and 2nd par.)

**1.** The Regulation respecting occupational health and safety (chapter S-2.1, r. 13) is amended in Schedule I by

(1) inserting the following after subparagraph 5 of the first paragraph:

“(5.1) Id: inhalable dust.”;

(2) inserting the following after subparagraph 5.1 of the first paragraph:

“(5.2.) IFV: inhalable fraction and vapour.”;

(3) inserting the following after subparagraph 15 of the first paragraph:

“(15.1.) Thord: thoracic dust.”;

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

“

Substance	[#CAS]	TWAEV		STEV/Ceiling		Designation and remarks
		ppm mg/m <sup>3</sup>	ppm	ppm	mg/m <sup>3</sup>	
Acetic anhydride	[108-24-7]	5	21			
Acetonitrile	[75-05-8]	40	67	60	101	
Adipic acid	[124-04-9]	5				
Allyl alcohol	[107-18-6]	2	4.8	4	9.5	<i>Pc</i>
Allyl glycidyl ether (AGE)	[106-92-3]	5	23	10	47	
Allyl propyl disulfide	[2179-59-1]	2	12	3	18	
Ammonium perfluorooctanoate	[3825-26-1]		0.1			<i>Pc</i>
Barium sulfate	[7727-43-7]		10			<i>Td, note 1</i>
			5			<i>Rd, note 1</i>

Substance	[#CAS]	TWA/EV		STEV/Ceiling		Designation and remarks
		ppm mg/m <sup>3</sup>	ppm	ppm mg/m <sup>3</sup>	ppm	
Benzyl chloride	[100-44-7]	1	5.2			
Boron tribromide	[10294-33-4]			C1	C10	<b>RP</b>
Boron trifluoride	[7637-07-2]			C1	C2.8	<b>RP</b>
Bromacil	[314-40-9]		10			
Bromoform	[75-25-2]	0.5	5.2			<b>Pc</b>
2-Butoxyethanol	[111-76-2]	20	97			
n-Butyl acetate	[123-86-4]	150	713	200	950	
sec-Butyl acetate	[105-46-4]	200	950			
tert-Butyl acetate	[540-88-5]	200	950			
n-Butyl acrylate	[141-32-2]	2	10			
n-Butyl glycidyl ether (BGE)	[2426-08-6]	25	133			
Calcium sulfate	[7778-18-9]		10			<b>Td, note 1</b>
			5			<b>Rd, note 1</b>
Caprolactam	[105-60-2]					
Dust			1		3	
Vapour		5	23	10	46	
Carbon black	[1333-86-4]		3.5			
Carbon disulfide	[75-15-0]	4	12	12	36	<b>Pc</b>
Catechol	[120-80-9]	5	23			<b>Pc</b>
Chlordane	[57-74-9]		0.5			<b>Pc</b>
Chlorobenzene	[108-90-7]	50	230			
o-Chlorobenzylidene malononitrile	[2698-41-1]			C0.05	C0.39	<b>Pc,RP</b>
Clopidol	[2971-90-6]		10			
Cotton dust, cotton waste processing operation of waste recycling and garnetting.			1.0			
Cotton dust, in yarn manufacturing and cotton washing operations.			0.2			
Cotton dust, in textile mill waste house operations or in yarn manufacturing to dust from “lower-grade washed cotton”.			0.5			
Cotton dust, in textile slashing and weaving operations.			0.75			
Cresol (all isomers)	[1319-77-3]	5	22			<b>Pc</b>
Crotonaldehyde	[4170-30-3]	2	5.7			
Cyanogen	[460-19-5]	10	21			
Cyclonite	[121-82-4]		1.5			<b>Pc</b>
2,6-Di-tert-butyl-p-cresol	[128-37-0]		10			
Diazomethane	[334-88-3]	0.2	0.34			
Dibutyl phosphate	[107-66-4]	1	8.6	2	17	
2-N-Dibutylaminoethanol	[102-81-8]	2	14			<b>Pc</b>
Dichloroacetylene	[7572-29-4]			C0.1	C0.39	<b>RP</b>
o-Dichlorobenzene	[95-50-1]			C50	C301	<b>RP</b>
p-Dichlorobenzene	[106-46-7]	20	120			<b>C3</b>
1,2-Dichloropropane	[78-87-5]	75	347	110	508	
2,2-Dichloropropionic acid	[75-99-0]	1	5.8			
Dieldrin	[60-57-1]		0.25			<b>Pc</b>

Substance	[#CAS]	TWA/VEV		STEV/Ceiling		Designation and remarks
		ppm mg/m <sup>3</sup>	ppm	ppm mg/m <sup>3</sup>	ppm	
Diethanolamine	[111-42-2]	3	13			<i>Pc</i>
Diethyl ketone	[96-22-0]	200	705			
2-Diethylaminoethanol	[100-37-8]	10	48			<i>Pc</i>
Diglycidyl ether (DGE)	[2238-07-5]	0.1	0.53			
Dimethylamine	[124-40-3]	5	9			
1,1-Dimethylhydrazine	[57-14-7]	0.5	1.2			<i>Pc,C2,RP,EM</i>
Dinitolmide	[148-01-6]		5			
Dinitrobenzene (all isomers) [528-29-0 ; 99-65-0 ; 100-25-4 ; 25154-54-4]		0.15	1			<i>Pc</i>
EPN	[2104-64-5]		0.1			<i>Pc</i>
Ethyl alcohol	[64-17-5]	1000	1880			
Ethyl amyl ketone	[541-85-5]	25	131			
Ethyl benzene	[100-41-4]	100	434	125	543	
Ethyl butyl ketone	[106-35-4]	50	234			
Ethyl chloride	[75-00-3]	1000	2640			
Ethylamine	[75-04-7]	10	18			
Ethylene glycol dinitrate	[628-96-6]			C0.2	C1.2	<i>Pc,RP</i>
Ethylene imine	[151-56-4]	0.5	0.88			<i>Pc</i>
Ethylidene norbornene	[16219-75-3]			C5	C25	<i>RP,EM</i>
Fibres-artificial vitreous mineral fibres						
Fibrous glass, continuous filament			10			<i>Td, note 1</i>
Fibrous glass, microfibres (note 4)		1 fibre/cm <sup>3</sup>				1 fibre/cm <sup>3</sup>
Insulation wool fibres, glass wool (note 4)		1 fibre/cm <sup>3</sup>				
Insulation wool fibres, rock wool (note 4)		1 fibre/cm <sup>3</sup>				
Insulation wool fibres, slag wool (note 4)		2 fibre/cm <sup>3</sup>				
Refractory fibres (ceramic or others) (note 4)		1 fibre/cm <sup>3</sup>				<i>C3</i>
Para-aramides fibres (Kevlar®, Twaron®)		1 fibre/cm <sup>3</sup>				
Furfural	[98-01-1]	2	7.9			<i>Pc</i>
Glutaraldehyde	[111-30-8]			C0.1	C0.41	<i>RP,S</i>
Glycidol	[556-52-5]	25	76			
Gypsum	[13397-24-5]		10			<i>Td, note 1</i>
			5			<i>Rd, note 1</i>
n-Heptane	[142-82-5]	400	1640	500	2050	
Hydrogen bromide	[10035-10-6]			C3	C9.9	<i>RP</i>
Hydrogen chloride	[7647-01-0]			C5	C7.5	<i>RP</i>
Hydrogen peroxide	[7722-84-1]	1	1.4			
Hydroquinone	[123-31-9]		2			
2-Hydroxypropyl acrylate	[999-61-1]	0.5	2.8			<i>Pc</i>
Indene	[95-13-6]	10	48			
Isobutyl acetate	[110-19-0]	150	713			
Isophorone	[78-59-1]			C5	C28	<i>RP</i>
Isopropyl acetate	[108-21-4]	250	1040	310	1290	
Kaolin	[1332-58-7]		5			<i>Rd, note 1</i>

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks	
Lithium hydride	[7580-67-8]		0.025		
Magnesium oxide fume (as Mg)	[1309-48-4]		10		
Mesityl oxide	[141-79-7]	10	40		
2-Methoxyethyl acetate (EGMEA)	[110-49-6]	5	24		<i>Pc</i>
Methyl bromide	[74-83-9]	5	19		<i>Pc</i>
Methyl n-butyl ketone	[591-78-6]	5	20		<i>Pc</i>
Methyl 2-cyanoacrylate	[137-05-3]	2	9.1	4	18
Methyl hydrazine	[60-34-4]			C0.2	C0.38
Methyl isobutyl ketone	[108-10-1]	50	205	75	307
Methyl isopropyl ketone	[563-80-4]	200	705		
Methyl methacrylate (monomer)	[80-62-6]	50	205		
α-Methyl styrene	[98-83-9]	50	242	100	483
Methylamine	[74-89-5]	5	6.4		
4,4'-Methylene bis (2-chloroaniline) (MOCA)	[101-14-4]	0.02	0.22		
Molybdenum (as Mo)	[7439-98-7]				
Insoluble compounds			10		
Soluble compounds			5		
Naphthalene	[91-20-3]	10	52	15	79
Nickel	[7440-02-0]				
Metal			1		
Insoluble compounds (as Ni)			1		
Soluble compounds (as Ni)			0.1		
Nickel sulfide roasting, fume and dust (as Ni)			1		
Nitrobenzene	[98-95-3]	1	5		
p-Nitrochlorobenzene	[100-00-5]	0.1	0.64		
Nitroglycerin (NG)	[55-63-0]			C0.2	C1.86
Nitrotoluene (all isomers) [88-72-2 ; 99-08-1 ; 99-99-0 ; 1321-12- 6]		2	11		
Octane	[111-65-9]	300	1400	375	1750
n-Pentane	[109-66-0]	120	350		
Pentyl acetates					
n-Amyl acetate	[628-63-7]	50	266	100	532
sec-Amyl acetate	[626-38-0]	50	266	100	532
Isoamyl acetate	[123-92-2]	50	266	100	532
tert-Amyl acetate	[ <del>628-63-7</del> ]	<del>50</del>	<del>266</del>	<del>100</del>	<del>532</del>
2-Methyl-1-butyl acetate	[624-41-9]	50	266	100	532
3-Pentyl acetate	[620-11-1]	50	266	100	532
Phenyl mercaptan	[108-98-5]	0.5	2.3		
Phosphorus (yellow)	[7723-14-0]		0.1		
m-Phthalodinitrile	[626-17-5]		5		
Picric acid	[88-89-1]		0.1		
Plaster of Paris	[26499-65-0]		10		
			5		
Propoxur	[114-26-1]		0.5		
n-Propyl alcohol	[71-23-8]	200	492	250	614

*C1,RP,EM**Pc**Pc**Pc,RP**Pc**Td, note 1**Rd, note 1**Pc*

Substance	[#CAS]	TWA/VEV		STEV/Ceiling		Designation and remarks
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Propylene	[115-07-1]	Simple asphyxiant				
Propylene imine	[75-55-8]	2	4.7			<i>Pc,C2,RP,EM</i>
Propylene oxide	[75-56-9]	20	48			<i>C2,RP,EM</i>
Rosin core solder pyrolysis products (as Formaldehyde)	[8050-09-7]		0.1			<i>S</i>
Rouge			10			<i>Td, note 1</i>
Rubber solvent (Naphtha)	[8030-30-6]	400	1590			
Silicon carbide (non fibrous)	[409-21-2]		10			<i>Td, note 1</i>
Soapstone	[14378-12-2]		6			<i>Td, note 1</i>
			3			<i>Rd, note 1</i>
Sodium azide	[26628-22-8]			C0.11	C0.3	<i>RP</i>
Sodium tetraborate, anhydre	[1330-43-4]		1			
Sodium tetraborate, decahydrate or borax	[1303-96-4]		5			
Sodium tetraborate, pentahydrate	[12045-88-4]		1			
Subtilisins [1395-21-7 ; 9014-01-1] (Proteolytic enzymes as 100% pure crystalline enzyme)					C0.00006	<i>RP</i>
Talc, non fibrous	[14807-96-6]		3			<i>Rd</i>
1,1,2,2-Tetrabromoethane	[79-27-6]	1	14			
1,1,1,2-Tetrachloro-2,2-difluoroethane	[76-11-9]	500	4170			
1,1,2,2-Tetrachloro-1,2-difluoroethane	[76-12-0]	500	4170			
1,1,2,2-Tetrachloroethane	[79-34-5]	1	6.9			<i>Pc</i>
Thallium, elemental [7440-28-0], and soluble compounds (as Tl)			0.1			<i>Pc</i>
4,4'-Thiobis (6-tert-butyl-m-cresol)	[96-69-5]		10			
Tributyl phosphate	[126-73-8]	0.2	2.2			
Trichloroacetic acid	[76-03-9]	1	6.7			
1,1,2-Trichloroethane	[79-00-5]	10	55			<i>Pc</i>
1,2,3-Trichloropropane	[96-18-4]	10	60			<i>Pc</i>
Tri-o-cresyl phosphate	[78-30-8]		0.1			<i>Pc</i>
Triethylamine	[121-44-8]	5	20.5	15	61.5	<i>Pc</i>
Trimellitic anhydride	[552-30-7]				C0.04	<i>S,RP</i>
Trimethyl benzene	[25551-13-7]	25	123			
2,4,6-Trinitrotoluene (TNT)	[118-96-7]		0.5			<i>Pc</i>
Uranium (natural)	[7440-61-1]					
Insoluble compounds (as U)			0.2		0.6	
Soluble compounds (as U)			0.05			
Vanadium pentoxide, fume and respirable dust (as V <sub>2</sub> O <sub>5</sub> )	[1314-62-1]		0.05			
Vinyl bromide	[593-60-2]	5	22			<i>C2,EM</i>
Vinyl cyclohexene dioxide	[106-87-6]	10	57			<i>Pc,C2,RP,EM</i>
Xylene (o-,m-,p- isomers) [1330-20-7 ; 95-47-6 ; 108-38-3 ; 106-42-3]		100	434	150	651	
Xylidine (mixed isomers)	[1300-73-8]	0.5	2.5			<i>Pc,C2,EM</i>
Zinc chloride, fume	[7646-85-7]		1			
Zinc chromates [13530-65-9 ; 11103-86-9 ; 37300-23-5] (as Cr)			0.01			<i>CI,RP,EM,S</i>

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Zinc stearate	[557-05-1]	10		
Zinc, oxide	[1314-13-2]			
Dust		10		<i>Td, note 1</i>
Fume		5	10	

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

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Acetic anhydride	[108-24-7]	1	3	
Acetonitrile	[75-05-8]	20		<i>Pc</i>
Adipic acid	[124-04-9]		5	
Allyl alcohol	[107-18-6]	0.5		<i>Pc</i>
Allyl glycidyl ether (AGE)	[106-92-3]	1		
Allyl propyl disulfide	[2179-59-1]	0.5		<i>S</i>
Ammonium perfluorooctanoate	[3825-26-1]		0.01	<i>C3,Pc</i>
Barium sulfate	[7727-43-7]		5	<i>Id, note 1</i>
Benzyl acetate	[140-11-4]	10		
Benzyl chloride	[100-44-7]	1		<i>C3</i>
Borate, inorganic compounds, (including boric acid)	[1303-96-4] [1330-43-4] [10043-35-3] [12179-04-3]		2	6 <i>Id</i>
Boron tribromide	[10294-33-4]		C0.7	<i>RP</i>
Boron trichloride	[10294-34-5]		C0.7	<i>RP</i>
Boron trifluoride	[7637-07-2]	0.1	C0.7	<i>RP</i>
Bromacil	[314-40-9]		10	<i>C3</i>
Bromoform	[75-25-2]	0.5		<i>C3</i>
2-Butoxyethanol	[111-76-2]	20		<i>C3</i>
2-Butoxyethyl acetate	[112-07-2]	20		<i>C3</i>
Butyl acetate (all isomers)	[105-46-4] [110-19-0] [123-86-4] [540-88-5]	50	150	
n-Butyl acrylate	[141-32-2]	2		<i>S</i>
n-Butyl glycidyl ether (BGE)	[2426-08-6]	3		<i>Pc,S</i>
Calcium sulfate	[7778-18-9] [13397-24-5] [10034-76-1] [10101-41-4]		10	<i>Id, note 1</i>
Caprolactam	[105-60-2]		5	<i>IFV</i>
Carbon black	[1333-86-4]		3	<i>C3 Id</i>
Carbon disulfide	[75-15-0]	1		<i>Pc</i>
Catechol	[120-80-9]	5		<i>C3,Pc</i>
Chlordane	[57-74-9]		0.5	<i>C3,Pc</i>

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Chlorinated diphenyl oxide	[31242-93-0]		0.5	
Chlorobenzene	[108-90-7]	10		<i>C3</i>
o-Chlorobenzylidene malononitrile	[2698-41-1]		C0.05	<i>Pc,S,RP</i>
Clopidol	[2971-90-6]		3	<i>IFV</i>
Cotton dust			0.1	<i>Thord</i>
Cresol (all isomers)	[1319-77-3] [95-48-7] [108-39-4] [106-44-5]		20	<i>Pc,IFV</i>
Crotonaldehyde	[4170-30-3]		C0.3	<i>C3,Pc</i>
Cyanogen	[460-19-5]		C5	
Cyanogen bromide	[506-68-3]		C0.3	
Cyclonite	[121-82-4]		0.5	<i>Pc</i>
2,6-Di-tert-butyl-p-cresol	[128-37-0]		2	<i>IFV</i>
Diacetyl	[431-03-8]	0.01	0.02	
Diazomethane	[334-88-3]	0.2		<i>C2,RP,EM</i>
2-N-Dibutylaminoethanol	[102-81-8]	0.5		<i>Pc</i>
Dibutyl phosphate	[107-66-4]		5	<i>Pc,IFV</i>
2,2-Dichloropropionic acid	[75-99-0]		5	<i>Id</i>
Dichloroacetylene	[7572-29-4]		C0.1	<i>C3,RP</i>
o-Dichlorobenzene	[95-50-1]	25	50	
p-Dichlorobenzene	[106-46-7]	10		<i>C3</i>
1,2-Dichloropropane	[78-87-5]	10		<i>S</i>
Dieldrin	[60-57-1]		0.1	<i>C3,Pc,IFV</i>
Diethanolamine	[111-42-2]		1	<i>C3,Pc,IFV</i>
Diethyl ketone	[96-22-0]	200	300	
2-Diethylaminoethanol	[100-37-8]	2		<i>Pc</i>
Diglycidyl ether (DGE)	[2238-07-5]	0.01		
1,1-Dimethylhydrazine	[57-14-7]	0.01		<i>C3,Pc</i>
Dimethylamine	[124-40-3]	5	15	<i>S</i>
Dinitolmide	[148-01-6]		1	
Dinitrobenzene (all isomers)	[528-29-0] [99-65-0] [100-25-4] [25154-54-5]	0.15		<i>Pc</i>
1,3-Dioxolane	[646-06-0]	20		
Dipropyl ketone	[123-19-3]	50		
EPN	[2104-64-5]		0.1	<i>Pc,Id</i>
Ethyl alcohol	[64-17-5]		1000	<i>C3</i>
Ethylamine	[75-04-7]	5	15	<i>Pc</i>
Ethyl amyl ketone	[541-85-5]	10		
Ethyl benzene	[100-41-4]	20		<i>C3</i>
Ethyl butyl ketone	[106-35-4]	50	75	
Ethyl chloride	[75-00-3]	100		<i>C3,Pc</i>
Ethylene glycol dinitrate	[628-96-6]	0.05		<i>Pc</i>



Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Ethylene imine	[151-56-4]	0.05	0.1	<i>C3, Pc</i>
Ethylidene norbornene	[16219-75-3]	2	4	
Fibres-artificial vitreous mineral fibres				
Fibres (refractory ceramic or others) (note 4)	[142844-00-6]	0.2 fibre/cm <sup>3</sup>		<i>C2, RP, EM</i>
Fibrous glass, continuous filament (note 4)		1 fibre/cm <sup>3</sup>		
Insulation wool fibres, glass wool (note 4)		1 fibre/cm <sup>3</sup>		<i>C3</i>
Insulation wool fibres, rock wool (note 4)		1 fibre/cm <sup>3</sup>		<i>C3</i>
Insulation wool fibres, slag wool (note 4)		1 fibre/cm <sup>3</sup>		<i>C3</i>
Special purpose glass fibres (note 4)		1 fibre/cm <sup>3</sup>		<i>C3</i>
Fibrous glass, microfibres (note 4)		1 fibre/cm <sup>3</sup>		
Para-aramides fibres (Kevlar®, Twaron®) (note 4)		1 fibre/cm <sup>3</sup>		
Furfural	[98-01-1]	2		<i>C3, Pc</i>
Glutaraldehyde	[111-30-8]		C0.05	<i>RP, S</i>
Glycidol	[556-52-5]	2		<i>C3</i>
Gypsum		See Calcium sulfate		
Hard metals containing cobalt and tungsten carbide		0.005		<i>C2, RP, EM, S Thord</i>
Heptane (all isomers)	[108-08-7] [142-82-5] [565-59-3] [589-34-4] [590-35-2] [591-76-4]	400	500	
Hexafluoropropylene	[116-15-4]	0.1		
1-Hexene	[592-41-6]	50		
Hydrogen bromide	[10035-10-6]		C2	<i>RP</i>
Hydrogen chloride	[7647-01-0]		C2	<i>RP</i>
Hydrogen peroxide	[7722-84-1]	1		<i>C3</i>
Hydroquinone	[123-31-9]		1	<i>C3, S</i>
2-Hydroxypropyl acrylate	[999-61-1]	0.5		<i>Pc, S</i>
Indene	[95-13-6]	5		
Iodide		0.01		<i>IFV</i>
Isophorone	[78-59-1]		C5	<i>RP, C3</i>
Isopropyl acetate	[108-21-4]	100	200	
Kaolin	[1332-58-7]		2	<i>Rd, note 1</i>
Lithium hydride	[7580-67-8]			<i>Id</i>
Magnesium oxide	[1309-48-4]		10	<i>Id</i>
Mesityl oxide	[141-79-7]	15	25	
2-Methoxyethyl acetate	[110-49-6]	0.1		<i>Pc</i>
Methyl bromide	[74-83-9]	1		<i>Pc</i>
Methyl hydrazine	[60-34-4]	0.01		<i>C3, Pc</i>

Substance	#CAS	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Methyl isobutyl ketone	[108-10-1]	20	75	<i>C3</i>
Methyl isopropyl ketone	[563-80-4]	20		
Methyl 2-cyanoacrylate	[137-05-3]	0.2		
4,4'-Methylene bis (2-chloroaniline) (MOCA)	[101-14-4]	0.01		<i>Pc,C2,RP,EM</i>
Methyl methacrylate (monomer)	[80-62-6]	50	100	<i>S</i>
Methyl n-butyl ketone	[591-78-6]	5	10	<i>Pc</i>
1-Methyl naphthalene	[90-12-0]	0.5		<i>Pc</i>
2-Methyl naphthalene	[91-57-6]	0.5		<i>Pc</i>
Methylamine	[74-89-5]	5	15	
α-Methyl styrene	[98-83-9]	10		<i>C3</i>
Molybdenum (as Mo)				
Metal [7439-98-7] and insoluble compounds			10	<i>Id</i>
Metal [7439-98-7] and insoluble compounds			3	<i>Rd</i>
Soluble compounds			0.5	<i>C3,Rd</i>
Naphthalene	[91-20-3]	10		<i>C3,Pc</i>
Nickel and inorganic compounds	[7440-02-0]			
Metal			1.5	<i>Id</i>
Insoluble compounds (as Ni)			0.2	<i>Id,C1,EM,RP</i>
Soluble compounds (as Ni)			0.1	<i>Id</i>
Nickel subsulfide	[12035-72-2]		0.1	<i>Id,C1,EM,RP</i>
Nitrobenzene	[98-95-3]	1		<i>C3,Pc</i>
p-Nitrochlorobenzene	[100-00-5]	0.1		<i>C3,Pc</i>
Nitroglycerin	[55-63-0]	0.05		<i>Pc</i>
Nitrotoluene (all isomers)	[88-72-2] [99-08-1] [99-99-0]			
	[1321-12-6]	2		<i>Pc</i>
Octane (all isomers)	[111-65-9]	300		
Pentane (all isomers)	[109-66-0] [463-82-1] [78-78-4]	1000		
Pentyl acetate (all isomers)	[123-92-2] [620-11-1] [624-41-9] [625-16-1] [626-38-0] [628-63-7]	50	100	
Peracetic acid	[79-21-0]		0.4	<i>IFV</i>
Phenyl isocyanate	[103-71-9]	0.005	0.015	<i>S, Pc</i>
Phenyl mercaptan	[108-98-5]	0.1		<i>Pc</i>
Phosphorus (yellow)	[12185-10-3]		0.1	
m-Phtalodinitrile	[626-17-5]		5	<i>IFV</i>
Picric acid	[88-89-1]		0.1	<i>S</i>

Substance	#CAS	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Plaster of Paris		See Calcium sulfate		
Propionaldehyde	[123-38-6]	20		
Propoxur	[114-26-1]		0.5	<i>C3,IFV</i>
n-Propyl alcohol	[71-23-8]	100		
Propylene	[115-07-1]	500		
Propylene imine	[75-55-8]	0.2	0.4	<i>C3,Pc</i>
Propylene oxide	[75-56-9]	2		<i>C3,S</i>
Rosin core solder pyrolysis products	[8050-09-7]	Without applicable permissible exposure value		<i>S</i>
Rubber solvent (Naphtha)	[8030-30-6]		1000	
Silicon carbide (non fibrous)	[409-21-2]		10 3	<i>Id, note 1</i> <i>Rd, note 1</i>
Sodium azide	[26628-22-8]			<i>RP</i>
Sodium azide Hydrazoic acid vapour			C0.11 C0.29	
Stearates	[57-11-4] [557-04-0] [557-05-1] [822-16-2]		10	
Subtilisins (Proteolytic enzymes as 100% pure crystalline enzyme)	[1395-21-7] [9014-01-1]			C0.00006 <i>S,RP</i>
Talc, non fibrous	[14807-96-6]		2	<i>Rd, note 1</i>
Tert-Amyl methyl ether [TAME]	[994-05-8]	20		
1,1,2,2-Tetrabromoethane (Acetylene tetrabromide)	[79-27-6]	0.1		<i>IFV</i>
1,1,1,2-Tetrachloro-2,2-difluoroethane	[76-11-9]	100		
1,1,1,2-Tetrachloro-1,2-difluoroethane	[76-12-0]	50		
1,1,2,2-Tetrachloroethane (Acetylene tetrachloride)	[79-34-5]	1		<i>C3,Pc</i>
Thallium [7440-28-0], and compounds (as Tl)			0.02	<i>Pc,Id</i>
4,4'-Thiobis (6-tert-butyl-m-cresol)	[96-69-5]		1	<i>Id</i>
Tri-n-butyl phosphate	[126-73-8]		5	<i>C3,IFV</i>
Trichloroacetic acid	[76-03-9]	0.5		<i>C3</i>
1,1,2-Trichloroethane	[79-00-5]	10		<i>C3,Pc</i>
1,2,3-Trichloropropane	[96-18-4]	0.005		<i>C2,EM,RP</i>
Tri-o-cresyl phosphate	[78-30-8]		0.02	<i>Pc,IFV</i>
Triethylamine	[121-44-8]	0.5	1	<i>Pc</i>
Trimellitic anhydride	[552-30-7]		0.0005	<i>Pc,S,IFV</i>

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Trimethyl benzene (mixed isomers)	[25551-13-7]	25		<i>S</i>
2,4,6-Trinitrotoluene (TNT)	[118-96-7]		0.1	<i>Pc</i>
Uranium (natural) soluble and insoluble compounds (as U)	[7440-61-1]		0.2	0.6 <i>C1,RP,EM</i>
Vanadium pentoxide (as V)	[1314-62-1]		0.05	<i>C3,Id</i>
Vinyl bromide	[593-60-2]	0.5		<i>C2,RP,EM</i>
Vinyl cyclohexene dioxide	[106-87-6]	0.1		<i>C3,Pc</i>
N-Vinyl-2-pyrrolidone	[88-12-0]	0.05		<i>C3</i>
Xylene (o-,m-,p- isomers)	[1330-20-7] [95-47-6] [108-38-3] [106-42-3]	100	434	150 651
Xylidine (mixed isomers)	[1300-73-8]	0.5		<i>C3,Pc,IFV</i>
Zinc chloride, fume	[7646-85-7]		1	2
Zinc chromates (as Cr)	[13530-65-9] [11103-86-9] [37300-23-5]		0.01	<i>C1,RP,EM,S</i>
Zinc, oxide	[1314-13-2]		2	10 <i>Rd</i>

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

“105-46-4	sec-Butyl acetate
109-66-0	n-Pentane
110-19-0	Isobutyl acetate
123-86-4	n-Butyl acetate
123-92-2	Isoamyl acetate
142-82-5	n-Heptane
540-88-5	tert-Butyl acetate
557-05-1	Zinc stearate
620-11-1	3-Pentyl acetate
624-41-9	2 Methyl, 1-butyl acetate
625-16-1	Tert-amyl acetate
626-38-0	sec-Amyl acetate
628-63-7	n-Amyl acetate
1303-96-4	Sodium tetraborate, decahydrate
1330-43-4	Sodium tetraborate, anhydrous
7723-14-0	Phosphorus (yellow)
11103-86-9	Zinc chromate
12045-88-4	Sodium tetraborate, pentahydrate
13397-24-5	Gypsum
13530-65-9	Zinc chromate
14378-12-2	Soapstone

25154-54-4 Dinitrobenzene  
26499-65-0 Plaster of Paris  
37300-23-5 Zinc chromate”;

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

“57-11-4 Stearates  
78-78-4 Pentane  
79-21-0 Peracetic acid  
88-12-0 N-Vinyl-2-pyrrolidone  
90-12-0 1-Methyl naphthalene  
91-57-6 2-Methyl naphthalene  
95-48-7 Cresol  
103-71-9 Phenyl isocyanate  
105-46-4 Butyl acetate  
106-44-5 Cresol  
108-08-7 Heptane  
108-39-4 Cresol  
109-66-0 Pentane  
110-19-0 Isobutyl acetate  
112-07-2 2-Butoxyethyl acetate  
116-15-4 Hexafluoropropylene  
123-19-3 Dipropyl ketone  
123-38-6 Propionaldehyde  
123-86-4 Butyl acetate  
123-92-2 Pentyl acetate  
140-11-4 Benzyl acetate  
142-82-5 Heptane  
431-03-8 Diacetyl  
463-82-1 Pentane  
506-68-3 Cyanogen bromide  
540-88-5 Butyl acetate  
557-04-0 Stearates  
557-05-1 Stearates  
565-59-3 Heptane  
589-34-4 Heptane  
590-35-2 Heptane  
591-76-4 Heptane  
592-41-6 1-Hexene  
620-11-1 Pentyl acetate  
624-41-9 Pentyl acetate  
625-16-1 Pentyl acetate  
626-38-0 Pentyl acetate  
628-63-7 Pentyl acetate  
646-06-0 1,3-Dioxolane

822-16-2	Stearates
994-05-8	Tert-Amyl methyl ether [TAME]
1303-96-4	Borate, inorganic compounds
1330-43-4	Borate, inorganic compounds
10034-76-1	Calcium sulfate
10043-35-3	Borate, inorganic compounds
10101-41-4	Calcium sulfate
10294-34-5	Boron trichloride
11103-86-9	Zinc chromates
12035-72-2	Nickel subsulfide
12179-04-3	Borate, inorganic compounds
12185-10-3	Phosphorus (yellow)
13397-24-5	Calcium sulfate
13530-65-9	Zinc chromates
25154-54-5	Dinitrobenzene
31242-93-0	Chlorinated diphenyl oxide
37300-23-5	Zinc chromates
55720-99-5	Chlorinated diphenyl oxide
59355-75-8	Methyl acetylene-propadiene mixture (MAPP)
60676-86-0	Amorphous silica, fused
74222-97-2	Sulfometuron methyl”.

**2.** As of 26 March 2022, Schedule 1 is amended by

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

“

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STE/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Arsenic, elemental [7440-38-2] and inorganic compounds (except Arsine), (as As)			0.01	<i>CI,RP,EM</i>
Arsine	[7784-42-1]	0.005		
Benzene	[71-43-2]	0.5	2.5	<i>CI,RP,EM,Pc</i>
Ethyl bromide	[74-96-4]	5		<i>Pc,C3</i>
Ethylene	[74-85-1]	200		
Isopropyl alcohol	[67-63-0]	200	400	
Lead arsenate (as Pb <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> )	[3687-31-8]	See Lead and its inorganic compounds and Arsenic and its inorganic compounds		
Portland cement	[65997-15-1]		1	<i>S,Rd, note 1</i>
Tetrahydrofuran	[109-99-9]	50	100	<i>C3,Pc</i>
Toluene	[108-88-3]	20		

”;

(2) striking out the following substance and its characteristics in Part 1:

“

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Arsenic trioxide, production	[1327-53-3]	Without applicable permissible exposure value		<i>C2,RP,EM</i>

”;

(3) inserting the following substance and its characteristics in alphabetical order in Part 1:

“

Substance	#[CAS]	TWAEV ppm mg/m <sup>3</sup>	STEV/Ceiling ppm mg/m <sup>3</sup>	Designation and remarks
Diesel (fuel), (as total hydrocarbons)	[68334-30-5] [68476-34-6] [77650-28-3] [68476-30-2] [68476-31-3]	100		<i>C3,Pc,IFV</i>

”;

(4) striking out “1327-53-3 Arsenic trioxide” in Part 4;

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

“68334-30-5 Diesel  
68476-34-6 Diesel  
77650-28-3 Diesel  
68476-30-2 Diesel  
68476-31-3 Diesel”.

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