

Table for OEL Proposed Changes

Please note:

- OELs with no proposed changes are not included in the table, unless it is a deviation from the ACGIH TVLs.
- Exceptions that deviate from the 2024 TLVs are noted in red font in the table.

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL				
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Acetamide	60-35-5	-	-	-	-	-	1	-	-	-	-
Acetamiprid	135410-20-7	-	-	-	-	-	-	0.05	-	-	-
Acetic anhydride	108-24-7	-	-	-	(c) 5	(c) 21	1	-	-	(15-min) 3	-
Acetone	67-64-1	500	1200	-	750	1800	250	-	-	(15-min) 500	-
Acetylsalicylic acid (Aspirin)	50-78-2	-	5	-	-	-	-	0.3	-	-	-
Alachlor	15972-60-8	-	-	-	-	-	-	1	-	-	-
Aldicarb	116-06-3	-	-	-	-	-	-	0.005	-	-	-
Aldrin	309-00-2	-	0.25	-	-	-	-	0.05	-	-	-
Aliphatic Hydrocarbon gases, Alkane (C2-C4)	-	1000	-	-	-	-	See ethane, propane and butane.				
Allyl bromide	106-95-6	-	-	-	-	-	0.1	-	-	(15-min) 0.2	-
Allyl methacrylate	96-05-9	-	-	-	-	-	1	-	-	-	-
Alumina (Aluminum oxide)	1344-28-1	-	10	-	-	-	Covered by aluminum metal and insoluble compounds				
Aluminum metal and insoluble compounds Respirable	7429-90-5	-	-	-	-	-	-	1	-	-	-
Aluminum Metal Dust	7429-90-5	-	10	-	-	-	Covered by aluminum metal and insoluble compounds				
Pyro powders, as Al		-	5	-	-	-					
Soluble salts, as Al		-	2	-	-	-					
Alkyls, not otherwise specified as Al		-	2	-	-	-					
Aluminum oxide (Alumina)	1344-28-1	-	10	-	-	-	Covered by aluminum metal and insoluble compounds-				
tert-Amyl methyl ether	994-05-8	-	-	-	-	-	20	-	-	-	-
Antimony hydride	7803-52-3	0.1	0.5	-	-	-	0.005	-	-	-	-
Antimony trioxide	1309-64-4										

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		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Inhalable		-	-	-	-	-	-	0.02	-	-	-
Arsine	7784-42-1	0.05	0.2	-	-	-	0.005	-	-	-	-
Asphalt (Petroleum; Bitumen) fume, as benzene-soluble aerosol	8052-42-4										
Total Inhalable		-	5	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	0.5	-	-	-
Atrazine	1912-24-9										
Total Inhalable		-	5	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	2	-	-	-
Barium sulfate (containing no asbestos and <1% crystalline silica)	7727-43-7										
Total Inhalable		-	10	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	5	-	-	-
Benomyl	17804-35-2										
Total Inhalable		0.84	10	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	1	-	-	-
Bensulide	741-58-2										
		-	-	-	-	-	-	0.1	-	-	-
Benzene	71-43-2	0.5	1.6	-	2.5	8	0.2	-	-	-	-
Beryllium and compounds as Be	7440-41-7										
Total Inhalable		-	0.002	-	-	0.01	-	-	-	-	-
		-	-	-	-	-	-	0.00005	-	-	-
Borate compounds, inorganic	1303-96-4;										
Total Inhalable	1330-43-4;	-	-	-	-	-	-	-	-	-	-
	10043-35-3;	-	-	-	-	-	-	2	-	-	-
	12179-04-3										(15-min) 6
Borates, tetra, sodium salts, Anhydrous	1303-96-4										
Decahydrate		-	1	-	3	-					
Pentahydrate		-	1	-	3	-					
Boron tribromide	10294-33-4										
		-	-	-	(c) 1	(c) 10	-	-	-	(c) 0.7	-
Boron trichloride	10294-34-5										
		-	-	-	-	-	-	-	-	(c) 0.7	-

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		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Boron trifluoride	7637-07-2	-	-	-	(c) 1	(c) 2.8	0.1	-	-	(c) 0.7	-
Boron trifluoride ethers as BF ₃	109-63-7; 353-42-4	-	-	-	-	-	0.1	-	-	(c) 0.7	-
1-Bromopropane	106-94-5	10	50	-	-	-	0.1	-	-	-	-
Buprofezin	69327-76-0	-	-	-	-	-	-	0.5	-	-	-
Butane, isomers	75-28-5; 106-97-8	1000	-	-	-	-	-	-	-	(15-min) 1000	-
Butenes, all isomers	106-98-9; 107-01-7; 590-18-1; 624-64-6; 25167-67-3	-	-	-	-	-	250	-	-	-	-
Isobutene	115-11-7	-	-	-	-	-	250	-	-	-	-
n-Butyl acetate	123-86-4	150	713	-	200	950	Covered by butyl acetate, all isomers.				
sec-Butyl acetate	105-46-4	200	950	-	-	-	Covered by butyl acetate, all isomers.				
tert-Butyl acetate	540-88-5	200	950	-	-	-	Covered by butyl acetate, all isomers.				
Butyl acetates, all isomers	105-46-4; 110-19-0; 123-86-4; 540-88-5	-	-	-	-	-	50	-	-	(15-min) 150	-
Butylated hydroxytoluene	128-37-0	-	10	-	-	-	-	2	-	-	-
4-tert-Butylbenzoic acid	98-73-7	-	-	-	-	-	-	0.1	-	-	-
tert-Butyl hydroperoxide	75-91-2	-	-	-	-	-	0.1	-	-	-	-
Cadusafos	95465-99-9	-	-	-	-	-	-	0.001	-	-	-
Calcium chromate, as Cr	13756-19-0	-	0.001	-	-	-	Covered by chromium and inorganic compounds				
Calcium silicate, (synthetic, nonfibrous)	1344-95-2	-	10	-	-	-	Covered by calcium silicate, naturally occurring as Wollastonite.				
Calcium silicate, naturally occurring as Wollastonite (no asbestos and less than 1% crystalline silica) Inhalable	13983-17-0	-	-	-	-	-	-	1	-	-	-

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		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Calcium sulfate Total Inhalable	7778-18-9; 10034-76-1; 10101-41-4; 13397-24-5	- -	10 -	- -	- -	- -	- -	- 10	- -	- -	- -
Captan Total Inhalable	133-06-2	- -	5 -	- -	- -	- -	- -	- 5	- -	- -	- -
Carbaryl (Sevin®)	63-25-2	-	5	-	-	-	-	0.5	-	-	-
Carbon black Total Inhalable	1333-86-4	- -	3.5 -	- -	- -	- -	- -	- 3	- -	- -	- -
Carbonyl sulfide	463-58-1	-	-	-	-	-	5	-	-	-	-
Carfentrazone-ethyl Inhalable	128639-02-1	-	-	-	-	-	-	1	-	-	-
Chlorine	7782-50-5	0.5	1.5	-	1	2.9	0.5	-	-	(15-min) 1	-
Chlorine dioxide	10049-04-4	0.1	0.3	-	0.3	0.8	0.1	-	-	(15-min) 0.3	-
β-Chloroprene	126-99-8	10	36	-	-	-	1	-	-	-	-
Chromite ore processing (Chromate), as Cr	-	-	0.05	-	-	-	See Hexavalent and Trivalent Compounds				
Chromium, and inorganic compounds - Metallic chromium, as Cr(0) Total Inhalable	7440-47-3	- -	0.5 -	- -	- -	- -	- -	- 0.5	- -	- -	- -
Chromium, and inorganic compounds - Trivalent chromium compounds, as Cr(III) Water-soluble compounds Inhalable	7440-47-3	-	-	-	-	-	-	0.003	-	-	-
Chromium, and inorganic compounds- Hexavalent chromium compounds, as Cr(VI): Water-soluble compounds	7440-47-3	-	0.05	-	-	-	-	0.025	-	-	(c) 0.1

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		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³	
Chromium and inorganic compounds - Hexavalent chromium compounds as Cr (VI): Insoluble compounds	7440-47-3	-	0.01	-	-	-	-	-	0.01	-	-	-
Chromium, and inorganic compounds - Chromyl chloride, as Cr(VI)	14977-61-8	0.025	0.2	-	-	-	0.025	-	-	-	-	-
Citral	5392-40-5	-	-	-	-	-	5	-	-	-	-	-
Clopidol	2971-90-6	-	10	-	-	-	-	3	-	-	-	-
Clothianidin Inhalable	210880-92-5	-	-	-	-	-	-	0.1	-	-	-	-
Cobalt and inorganic compounds as Co, Total Inhalable	-	-	0.02	-	-	-	-	-	-	-	-	-
Cotton dust, raw, untreated Total Thoracic	-	-	0.2	-	-	-	-	-	-	-	-	-
Coumaphos	56-72-4	-	0.5	-	-	-	-	0.05	-	-	-	-
Cresol, all isomers	1319-77-3; 95-48-7; 108-39-4; 106-44-5	5	22	-	-	-	-	20	-	-	-	-
Cumene	98-82-8	50	246	-	-	-	5	-	-	-	-	-
Cyanazine Inhalable	21725-46-2	-	-	-	-	-	0.1	-	-	-	-	-
Cyanoacrylates, Ethyl and Methyl	7085-85-0; 137-05-3	-	-	-	-	-	0.2	-	-	(15-min) 1	-	-
Cyanogen	460-19-5	10	21	-	-	-	-	-	-	(c) 5	-	-
Cyanogen bromide	506-68-3	-	-	-	-	-	-	-	-	(c) 0.3	-	-
Cyclohexene	110-83-8	300	1010	-	-	-	20	-	-	-	-	-
Cyclopentane	287-92-3	600	1720	-	-	-	600	-	-	-	-	-
Cyromazine Inhalable	66215-27-8	-	-	-	-	-	-	2	-	-	-	-

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		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
2,4-D Total Inhalable	94-75-7	-	10	-	-	-	-	-	-	-	-
Desflurane	57041-67-5	-	-	-	-	-	100	-	-	-	-
Diacetyl	431-03-8	-	-	-	-	-	0.01	-	-	(15-min) 0.02	-
Dibutyl phosphate	107-66-4	1	8.6	-	2	17	-	5	-	-	-
2,2-Dichloropropionic acid Total Inhalable	75-99-0; 127- 20-8; 29110- 22-3	-	5	-	-	-	-	-	-	-	-
Dicyclopentadiene, including Cyclopentadiene	77-73-6; 542- 92-7	5	27	-	-	-	0.5	-	-	(15-min) 1	-
Dieldrin	60-57-1	-	0.25	-	-	-	-	0.1	-	-	-
Diethanolamine	111-42-2	-	2	-	-	-	-	1	-	-	-
Diethylene glycol monobutyl ether	112-34-5	-	-	-	-	-	10	-	-	-	-
Diesel particulate matter as elemental carbon	-	-	-	-	-	-	-	0.1	-	-	-
Di(2-ethylhexyl) phthalate	117-81-7	-	5	-	-	-	-	0.1	-	-	-
N,N-Diethylhydroxylamine	3710-84-7	-	-	-	-	-	2	-	-	-	-
Diglycidyl ether	2238-07-5	0.1	0.5	-	-	-	0.01	-	-	-	-
Dimethyl carbamoyl chloride	79-44-7	-	-	-	-	-	0.005	-	-	-	-
Dimethyl disulfide	624-92-0	-	-	-	-	-	0.5	-	-	-	-
Dimethylformamide	68-12-2	10	30	-	-	-	5	-	-	-	-
Dimethylphenol, all isomers	95-65-8; 95-87-4; 105- 67-9; 108-68- 9; 526-75-0; 576-26-1; 1300-71-6	-	-	-	-	-	1	-	-	-	-
3,5-Dinitro-o-toluamide	148-01-6	-	5	-	-	-	-	1	-	-	-
Dipropylene glycol methyl ether (DPGME)	34590-94-8; 13429-07-7;	100	606	-	150	909	50	-	-	-	-

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		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
	20324-32-7; 13588-28-8; 55956-21-3										
Diquat, as the cation	2764-72-9;	-	0.5	-	-	-	-	-	-	-	-
Total Inhalable	6385-62-2; 85-00-7	-	-	-	-	-	0.5	-	-	-	-
Divinylbenzene-ethyl styrene mixture	69011-19-4; 7525-62-4; 108-57-6; 105-06-6	-	-	-	-	-	0.5	-	-	-	-
Emery	1302-74-5	-	10	-	-	-	Covered by aluminum metal and insoluble compounds.				
Epichlorohydrin	106-89-8	0.5	1.9	-	-	-	0.1	-	-	-	-
Ethane	74-84-0	1000	-	-	-	-	No OEL, include substance interaction 2.				
Ethanol	64-17-5	1000	1880	-	-	-	-	-	-	(15-min) 1000	-
Ethyl amyl ketone	541-85-5	25	131	-	-	-	10	-	-	-	-
Ethyl benzene	100-41-4	100	434	-	125	543	20	-	-	-	-
Ethyl tert-butyl ether (ETBE)	637-92-3	5	21	-	-	-	25	-	-	-	-
Ethyl cyanoacrylate (Ethyl-2-cyanoacrylate)	7085-85-0	0.2	1	-	-	-	Covered by cyanoacrylates, ethyl and methyl.				
Ethylene glycol	107-21-1										
Total Vapour Inhalable (aerosol only)		-	-	-	-	(c) 100	25	-	-	(15-min) 50	-
		-	-	-	-	-	-	-	-	-	(15-min) 10
Ethylene glycol dimethyl ether	110-71-4	-	-	-	-	-	0.5	-	-	-	-
Ethylene glycol dinitrate	628-96-6	0.05	0.3	-	-	-	-	-	-	(15-min) 0.01	-
Ethylenimine	151-56-4	0.5	0.9	-	-	-	0.05	-	-	(15-min) 0.1	-
Ethyl formate	109-94-4	100	303	-	-	-	-	-	-	(15-min) 100	-
2-Ethyl-1-hexanol	104-76-7	-	-	-	-	-	5	-	-	-	-
Ethylidene norbornene	16219-75-3	-	-	-	(c) 5	(c) 25	2	-	-	(15-min) 4	-
Ethyl isocyanate	109-90-0	-	-	-	-	-	0.02	-	-	(15-min) 0.06	-
Ethyl methacrylate	97-63-2	-	-	-	-	-	50	-	-	(15-min) 100	-

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Fenoxycarb Inhalable	72490-01-8	-	-	-	-	-	-	-	1	-	-	-
Fentanyl and fentanyl citrate, as fentanyl Inhalable	437-38-7; 990-73-8	-	-	-	-	-	-	-	0.0001	-	-	(15-min) 0.0002
Ferbam Inhalable	14484-64-1	-	10	-	-	-	-	-	5	-	-	-
Flour Dust Total Inhalable	-	-	0.5	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	1.5	-	-	-
Fludioxonil Inhalable	131341-86-1	-	-	-	-	-	-	-	1	-	-	-
Fluorine, As F	7782-41-4	1	1.6	-	2	3.1	0.1	-	-	-	(c) 0.5	-
Folpet Inhalable	133-07-3	-	-	-	-	-	-	-	1	-	-	-
Fonofos	944-22-9	-	0.01	-	-	-	-	-	0.1	-	-	-
Formaldehyde	50-00-0	0.75	0.9	-	(c) 1	(c) 1.3	0.1	-	-	-	(15-min) 0.3	-
Formamide	75-12-7	10	18	-	-	-	1	-	-	-	-	-
Formic acid	64-18-6	5	9.4	-	10	19	5	-	-	-	-	-
Furfural	98-01-1	2	7.9	-	-	-	0.2	-	-	-	-	-
Furfuryl alcohol	98-00-0	10	40	-	15	60	0.2	-	-	-	-	-
Glycerin mist	56-81-5	-	10	-	-	-	-	-	10	-	-	-
Glycidyl methacrylate	106-91-2	-	-	-	-	-	0.01	-	-	-	-	-
Glyphosate Inhalable	1071-83-6	-	-	-	-	-	-	-	5	-	-	-
Halothane	151-67-7	50	404	-	-	-	5	-	-	-	-	-
Hard metals containing Cobalt and Tungsten Carbide, as Co Thoracic	7440-48-4; 12070-12-1	-	-	-	-	-	-	-	0.005	-	-	-
HCFC-123 (1,1,1-trifluoro-2,2-dichloroethane)	306-83-2	50	310	-	-	-	50	310	-	-	-	-
Hexafluoropropylene	116-15-4	-	-	-	-	-	0.1	-	-	-	-	-

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Hexamethylenetetramine	100-97-0	-	-	-	-	-	-	-	1	-	-	-
Hexane (commercial, <54% n-hexane)	Varies, including 64742-49-0; 64742-89-8	-	-	-	-	-	100	-	-	-	-	-
Branched Hexane Isomers	75-83-2; 79-29-8; 96-14-0; 107-83-5	500	1760	-	1000	3500	200	-	-	-	-	-
Hexazinone Inhalable	51235-04-2	-	-	-	-	-	-	3	-	-	-	-
sec-Hexyl acetate	108-84-9	50	295	-	-	-	20	-	-	(15-min) 50	-	-
Hexylene glycol Vapour Inhalable (aerosol only)	107-41-5	-	-	-	(c) 25	(c) 121	-	-	-	-	(15-min) 50	-
Hydrogen sulphide	7783-06-4	10	14	-	(c) 15	(c) 21	-	-	-	(c) 10	-	-
Hydroquinone	123-31-9	-	2	-	-	-	-	1	-	-	-	-
Imazosulfuron Inhalable	122548-33-8	-	-	-	-	-	-	10	-	-	-	-
Indene	95-13-6	10	48	-	-	-	5	-	-	-	-	-
Indium tin oxide Respirable	50926-11-9	-	-	-	-	-	-	0.0001	-	-	-	-
Iodine and Iodides - Iodine, as I	7553-56-2	-	-	-	(c) 0.1	(c) 1	0.001	-	-	-	-	-
Iodine and Iodides- Iodides, as I Inhalable	-	-	-	-	-	-	-	0.01	-	-	-	-
Iodoform, as elemental Iodine	75-47-8	0.6	9.7	-	-	-	0.001	-	-	-	-	-
Isoflurane	26675-46-7	-	-	-	-	-	50	-	-	-	-	-
Isopropylamine	75-31-0	5	12	-	10	24	2	-	-	(15-min) 5	-	-
Ketene	463-51-4	0.5	0.9	-	1.5	2.6	-	-	-	(c) 0.05	-	-
Lead arsenate, as Pb(AsO ₄) ₂	7784-40-9	-	0.15	-	-	-	Withdrawn by ACGIH (2009)					
Lead chromate, as Pb	7758-97-6	-	0.05	-	-	-	Covered by lead and inorganic compounds, as Pb.					

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		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³	
Lead chromate, as Cr(VI)	7758-97-6	-	0.012	-	-	-	-	-	0.012	-	-	-
Lithium hydride Total Inhalable	7580-67-8	-	0.025	-	-	-	-	-	-	-	-	(c) 0.05
L.P.G. (Liquified petroleum gas)	68476-85-7	1000	-	-	1500	-	No OEL, include substance interaction 2.					
Maleic anhydride	108-31-6	0.1	0.4	-	-	-	-	0.01	-	-	-	-
Manganese and inorganic compounds, as Mn Total Inhalable Respirable	7439-96-5	-	0.2	-	-	-	-	-	-	-	-	-
Methane	74-82-8	-	-	-	-	-	No OEL, include substance interaction 2.					
Methomyl	16752-77-5	-	2.5	-	-	-	-	0.2	-	-	-	-
1-Methoxy-2-propanol	107-98-2	100	369	-	150	553	50	-	-	(15-min) 100		-
2-Methyl-2-butene	513-35-9	-	-	-	-	-	10	-	-	-	-	-
Methyl-2-cyanoacrylate	137-05-3	0.2	0.9	-	-	-	Covered by cyanoacrylates, ethyl and methyl.					
Methylcyclohexane	108-87-2	400	1610	-	-	-	100	-	-	-	-	-
Methylcyclohexanone, all isomers	583-60-8; 591-24-2; 589-92-4; 1331-22-2	-	-	-	-	-	20	-	-	-	-	-
o-Methylcyclohexanone	583-60-8	50	229	-	75	344	Covered by methylcyclohexanone, all isomers.					
Methyl demeton	8022-00-2	-	0.5	-	-	-	-	0.05	-	-	-	-
Methyl ethyl ketone	78-93-3	200	590	-	300	885	75	-	-	(15-min) 150		-
Methyl formate	107-31-3	100	246	-	150	368	50	-	-	(15-min) 100		-
Methyl isoamyl ketone	110-12-3	50	234	-	-	-	20	-	-	(15-min) 50		-
Methyl isobutyl carbinol	108-11-2	25	104	-	40	167	20	-	-	(15-min) 40		-
Methyl isobutyl ketone	108-10-1	50	205	-	75	307	20	-	-	(15-min) 75		-
Methyl isocyanate	624-83-9	0.02	0.05	-	-	-	0.02	-	-	(15-min) 0.06		-
Methyl isopropyl ketone	563-80-4	200	705	-	-	-	20	-	-	-	-	-

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL				
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Methylnaphthalene, all isomers	1321-94-4; 90-12-0; 91-57-6	-	-	-	-	-	0.05	-	-	-	-
Methyl propyl ketone	107-87-9	200	705	-	250	881	-	-	-	(15-min) 150	-
α-Methylstyrene	98-83-9	50	242	-	100	483	10	-	-	-	-
Methyltetrahydrophthalic anhydride isomers	3425-89-6; 533-84-6; 11070-44-3; 19438-63-2; 19438-64-3; 26590-20-5; 42498-58-8	-	-	-	-	-	0.00007	-	-	(15-min) 0.0003	-
Methyl vinyl ketone	78-94-4	-	-	-	(c) 0.2	(c) 0.6	-	-	-	(c) 0.01	-
Mica containing <1% Crystalline Silica Respirable	12001-26-2	-	3	-	-	-	-	0.1	-	-	-
Mineral oil, excluding metal working fluids: Pure, highly and severely refined Inhalable	-	-	-	-	-	-	-	5	-	-	-
Molybdenum, as Mo-Metal and insoluble compounds Total Inhalable	7439-98-7	-	10	-	-	-	-	-	-	-	-
Monomethylformamide	123-39-7	-	-	-	-	-	1	-	-	-	-
Naphthalene	91-20-3	10	52	-	15	79	10	-	-	15	-
Natural gas	8006-14-2	-	-	-	-	-	No OEL, include substance interaction 2.				
Natural rubber latex, as inhalable allergenic proteins Total Inhalable	9006-04-6	-	0.001	-	-	-	-	-	-	-	-
Nickel and inorganic compounds including Nickel subsulfide, as Ni-Elemental	7440-02-0	-	-	-	-	-	-	0.0001	-	-	-

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL				
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Total Inhalable		-	1.5	-	-	-	-	-	-	-	-
Nickel and inorganic compounds including Nickel subsulfide, as Ni-insoluble inorganic compounds (NOS) Total Inhalable	7440-02-0	-	0.2	-	-	-	-	-	-	-	-
Nickel and inorganic compounds including Nickel subsulfide, as Ni-soluble inorganic compounds (NOS) Total Inhalable	7440-02-0	-	0.1	-	-	-	-	-	-	-	-
Nickel and inorganic compounds including Nickel subsulfide, as Ni- Nickel subsulfide, as Ni Total Inhalable	7440-02-0	-	0.1	-	-	-	-	-	-	-	-
Nickel carbonyl, as Ni	13463-39-3	0.05	0.3	-	-	-	-	-	-	(c) 0.05	-
Nitrogen dioxide	10102-44-0	3	5.6	-	5	9.4	-	-	-	(15-min) 1	-
5-Nitro-o-toluidine	99-55-8	-	-	-	-	-	-	1	-	-	-
Oil mist, mineral	-	-	5	-	-	10	Covered by mineral oil, excluding metal working fluids.				
p,p'-Oxybis(benzenesulfonyl hydrazide)	80-51-3	-	-	-	-	-	-	0.1 (l)	-	-	-
Ozone	10028-15-6	0.1	0.2	-	0.3	0.6	0.1	-	-	(15-min) 0.3	-
Paraquat, as the cation Inhalable	4685-14-7	-	-	-	-	-	-	0.05	-	-	-
Paraquat Total Respirable	4685-14-7 4685-14-7	- -	0.5 0.1	- -	- -	- -	Covered by paraquat, as the cation.				
Particles (insoluble or poorly soluble) not otherwise specified Total	-	-	10	-	-	-	-	-	-	-	-

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL				
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Inhalable Respirable		- -	- 3	- -	- -	- -	- -	10 3	- -	- -	- -
Pentaborane	19624-22-7	0.005	0.01	-	0.015	0.04	-	-	-	(c) 0.01	-
Pentachlorophenol	87-86-5	-	0.5	-	-	-	-	0.5	-	-	1
Pentane, all isomers	78-78-4; 109-66-0; 463-82-1	600	1770	-	-	-	1000	-	-	-	-
2,4-Pentanedione	123-54-6	-	-	-	-	-	25	-	-	-	-
1-Pentyl acetate (n-Amyl acetate) 2-Pentyl acetate (1-methylbutyl acetate, sec-amyl acetate) Isopentyl acetate (Isoamyl acetate, 3-Methylbutyl acetate) Tert-Amyl acetate (1,1-dimethylpropyl acetate)	628-63-7 626-38-0 123-92-2 625-16-1	50	-	-	100	-	Covered by Pentyl Acetate, all isomers				
Pentyl Acetate, all isomers	123-92-2; 620-11-1; 624-41-9; 625-16-1; 626-38-0; 628-63-7	-	-	-	-	-	50	-	-	(15-min) 100	-
Peracetic acid	79-21-0	-	-	-	-	-	-	-	-	(15-min) 0.4	-
Perchloryl fluoride	7616-94-6	3	13	-	6	25	0.5	-	-	-	-
Persulfates, as persulfate	7727-21-1; 7727-54-0; 7775-27-1	-	-	-	-	-	-	0.1	-	-	-
Persulfates Ammonium persulphate Potassium persulphate Sodium persulphate	7727-54-0 7727-21-1 7775-27-1	- - -	0.1 0.1 0.1	- - -	- - -	- - -	Covered by persulfates, as persulfate.				
Phenothiazine	92-84-2										

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL				
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Total Inhalable		-	5	-	-	-	-	-	-	-	-
Phenylethyl alcohol	60-12-8	-	-	-	-	-	0.5	-	-	-	-
Phenyl isocyanate	103-71-9	-	-	-	-	-	0.005	-	-	(15-min) 0.015	-
Phosgene	75-44-5	0.1	0.4	-	-	-	-	-	-	(c) 0.02	-
Phosphine	7803-51-2	0.3	0.4	-	1	1.4	0.05	-	-	(c) 0.15	-
o-Phthalaldehyde (vapour fraction)	643-79-8	-	-	-	-	-	-	-	-	(c) 0.0001	-
Phthalic anhydride	85-44-9	1	6.1	-	-	-	-	0.002	-	-	0.005
o-Phthalodinitrile	91-15-6	-	-	-	-	-	-	1	-	-	-
Piperazine dihydrochloride	142-64-3	-	5	-	-	-	-	-	-	-	-
Piperazine and salts, as piperazine	110-85-0	-	-	-	-	-	0.03	-	-	-	-
Polymethylene polyphenyl isocyanate (PAPI)	9016-87-9	0.005	0.07	-	-	-	0.005	-	-	-	-
Polyvinyl chloride (PVC) Respirable	9002-86-2	-	-	-	-	-	-	1	-	-	-
Portland cement (containing no asbestos and <1% crystalline silica)	65997-15-1										
Total Respirable		-	10	-	-	-	-	-	-	-	-
Prometon Inhalable	1610-18-0	-	-	-	-	-	-	0.5	-	-	-
Prometryn Inhalable	7287-19-6	-	-	-	-	-	-	1	-	-	-
Propane	74-98-6	1000	-	-	-	-	No OEL, include substance interaction 2.				
n-Propanol (n-Propyl alcohol)	71-23-8	200	492	-	400	984	100	-	-	-	-
Propionitrile	107-12-0	-	-	-	-	-	-	-	-	(15-min) 10	-
Propyl acetate isomers	108-21-4; 109-60-4	200	835	-	250	1040	100	-	-	(15-min) 150	-
Propylene glycol dinitrate	6423-43-4	0.05	0.3	-	-	-	-	-	-	(15-min) 0.01	-
Propylene glycol ethyl ether	1569-02-4	-	-	-	-	-	50	-	-	(15-min) 200	-
Propyleneimine	75-55-8	2	4.7	-	-	-	0.2	-	-	(15-min) 0.4	-
n-Propyl nitrate	627-13-4	25	107	-	40	172	5	-	-	-	-

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL					
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)		
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³	
Resin acids, as total resin acids Inhalable	8050-09-7	-	-	-	-	-	-	-	0.001	-	-	-
Rubber solvent (Naphtha)	8030-30-6	400	1590	-	-	-	400	-	-	-	-	-
Sevoflurane	28523-86-6	-	-	-	-	-	50	-	-	-	-	-
Silicon carbide nonfibrous Total Inhalable	409-21-2	-	10	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	10	-	-	-	-
Simazine Inhalable	122-34-9	-	-	-	-	-	-	0.5	-	-	-	-
Soapstone Total (no asbestos and less than 1% crystalline silica) Respirable	-	-	6	-	-	-	Covered by talc.					
		-	3	-	-	-						
Stearates, does not include stearates of toxic metals Total Inhalable Respirable	57-11-4; 557-04-0; 557-05-1; 822-16-2	-	10	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	10	-	-	-	-
		-	-	-	-	-	-	3	-	-	-	-
Strontium chromate, as Cr	7789-06-2	-	0.0005	-	-	-	Covered by chromium and inorganic compounds					
Styrene	100-42-5	20	85	-	40	170	10	-	-	(15-min) 20	-	
Styrene oxide	96-09-3	-	-	-	-	-	1	-	-	-	-	
Sulfoxaflor Inhalable	946578-00-3	-	-	-	-	-	-	0.1	-	-	-	
Sulphur	7704-34-9 63705-05-5	-	10	-	-	-	-	10	-	-	-	
Sulphur dioxide	7446-09-5	2	5.2	-	5	13	2	-	-	(15-min) 5	-	
Sulphuric acid Total Thoracic	7664-93-9	-	1	-	-	3	-	-	-	-	-	
		-	-	-	-	-	-	0.2	-	-	-	
Sulphur pentafluoride	5714-22-7	-	-	-	(c) 0.01	(c) 0.1	-	-	-	(c) 0.001	-	

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL				
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Sulprofos	35400-43-2	-	1	-	-	-	-	0.1	-	-	-
Talc Containing no asbestos fibres (and less than 1% silica), respirable Containing asbestos fibers	14807-96-6	-	2	-	-	-	-	2	-	Use asbestos OEL	-
Tantalum metal and oxide dusts, as Ta	7440-25-7; 1314-61-0	-	5	-	-	-	Withdrawn (ACGIH 2010)				
Temephos Total Inhalable	3383-96-8	-	1	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloro-2,2-difluoroethane	76-11-9	500	4170	-	-	-	100	-	-	-	-
1,1,2,2-Tetrachloro-1,2-difluoroethane	76-12-0	500	4170	-	-	-	50	-	-	-	-
Tetrachlorvinphos Inhalable	22248-79-9; 22350-76-1; 961-11-5	-	-	-	-	-	-	0.5	-	-	-
Tetraethyl pyrophosphate	107-49-3	-	0.05	-	-	-	-	0.01	-	-	-
Thallium and compounds, as Tl Total Inhalable	7440-28-0	-	0.1	-	-	-	-	-	-	-	-
Thiacloprid Inhalable	111988-49-9	-	-	-	-	-	-	0.02	-	-	-
4,4'-Thiobis (6-tert-butyl-m-cresol) Total Inhalable	96-69-5	-	10	-	-	-	-	-	-	-	-
Thiodicarb	59669-26-0	-	-	-	-	-	-	0.1	-	-	-
Thionyl chloride	7719-09-7	-	-	-	(c) 1	(c) 4.9	-	-	-	(c) 0.2	-
Thiram	137-26-8	-	1	-	-	-	-	0.05	-	-	-
Tin, as Sn Metal	7440-31-5	-	2	-	-	-	Covered by tin and inorganic compounds, excluding tin hydride and indium tin oxide as Sn				

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL				
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)	
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³
Tin and inorganic compounds, excluding Tin hydride and Indium tin oxide, as SN Total Inhalable	7440-31-5; 18282-10-5; 21651-19-4	-	2 1	-	-	-	-	-	-	-	-
Titanium dioxide	13463-67-7	-	10	-	-	-	-	-	-	-	-
Titanium Dioxide-Nanoscale particles Respirable	13463-67-7	-	-	-	-	-	-	0.2	-	-	-
Titanium Dioxide-Finescale particles Respirable	13463-67-7	-	-	-	-	-	-	2.5	-	-	-
Titanium tetrachloride, as HCl	7550-45-0	-	-	-	-	-	-	-	-	(c) 0.5	-
Toluene	108-88-3	50	188	-	-	-	20	-	-	-	-
Toluene diisocyanate, 2,4- or 2,6- (or as a mixture)	584-84-9; 91-08-7	0.005	0.04	-	(c) 0.02	(c) 0.1	0.005	-	-	(c) 0.02	-
Tributyl phosphate	126-73-8	0.2	2.2	-	-	-	-	5	-	-	-
Trichloroacetic acid	76-03-9	1	6.7	-	-	-	0.5	-	-	-	-
Trichloroethylene	79-01-6	50	269	-	100	537	10	-	-	(15-min) 25	-
1,2,3-Trichloropropane	96-18-4	10	60	-	-	-	0.005	-	-	-	-
Trichlorphon	52-68-6	-	1	-	-	-	-	0.1	-	-	-
Triclosan	3380-34-5	-	-	-	-	-	-	1	-	-	-
Triethylamine	121-44-8	1	4.1	-	3	12	0.5	-	-	(15-min) 1	-
Triflumizole Inhalable	68694-11-1	-	-	-	-	-	-	1	-	-	-
Trimellitic anhydride	552-30-7	-	-	-	-	(c) 0.04	-	0.0005	-	-	(15-min) 0.002
Trimethyl benzene, isomers	25551-13-7; 526-73-8; 95-63-6; 108-67-8	25	123	-	-	-	10	-	-	-	-
Triorthocresyl phosphate	78-30-8	-	0.1	-	-	-	-	0.02	-	-	-
Triphenyl amine	603-34-9	-	5	-	-	-	Withdrawn (ACGIH (2008))				
Tungsten and compounds in the absence of Cobalt, as W	7440-33-7										

Substance Name	CAS Number	Current Alberta OEL					Proposed Alberta OEL					
		8-hour			15-minute or ceiling (c)		8-hour			15-minute (15-min) or ceiling (c)		
		ppm	mg/m ³	f/cc	ppm	mg/m ³	ppm	mg/m ³	f/cc	ppm	mg/m ³	
Respirable		-	-	-	-	-	-	3	-	-	-	
Tungsten, as W, Metal and insoluble compounds	7440-33-7	-	5	-	-	10	Covered by tungsten and compounds in the absence of cobalt, as W					
Tungsten, as W, Soluble compounds	7440-33-7	-	1	-	-	3	Covered by tungsten and compounds in the absence of cobalt, as W					
Vanadium pentoxide, as V ₂ O ₅ Respirable particulate or fume	1314-62-1	-	0.05	-	-	-	Covered by Vanadium pentoxide as V					
Vanadium pentoxide as V Inhalable	1314-62-1	-	-	-	-	-	-	0.05	-	-	-	
Vinyltoluene	25013-15-4	50	242	-	100	483	10	-	-	-	-	
VM & P Naphtha	8032-32-4	300	1400	-	-	-	300	-	-	-	-	
Warfarin Total Inhalable	81-81-2	-	0.1	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	0.1	-	-	-	
Wood dusts-Western red cedar	-	-	0.5	-	-	-	-	0.5	-	-	-	
Wood dusts-Hardwood (oak, beech, birch, mahogany, teak, walnut)	-	-	-	-	-	-	-	1	-	-	-	
Wood dusts-All other species	-	-	5	-	-	-	-	5	-	-	-	
Xylene, all isomers	1330-20-7; 95-47-6; 108-38-3; 106-42-3	100	434	-	150	651	20	-	-	-	-	
Zinc beryllium silicate, as Be	39413-47-3	-	0.002	-	-	0.01	Covered by beryllium and compounds, as Be					
Zinc chromates, as Cr	13530-65-9; 11103-86-9; 37300-23-5	-	0.01	-	-	-	Covered by chromium and inorganic compounds					