

Survey details

If you will be completing the survey on behalf of an organization, a PDF copy of the questionnaire can be downloaded for your reference while consolidating your feedback.

After compiling your organization's feedback, please enter your organization's response as a survey submission. This ensures that your input will be accurately captured and reflected in the data set.

This form will take **30 to 40 minutes** to complete and closes **July 8, 2026**. For optimal functionality, it is recommended to complete this survey on a desktop, not on a mobile phone.

Important: Please note that progress cannot be saved. Closing this window or navigating away will clear all responses. Please allow sufficient time to complete the survey in a single, uninterrupted session.

Section 1: Demographic information

1. Which of the following fields do you primarily work in? (Select only one) *

- Agriculture
- Construction and Construction Trade Services
- Education
- Electrical Utilities
- Forestry
- Fireworks and other explosives
- Government or Public Administration
- Health Services
- Hospitality and Entertainment
- Manufacturing and Processing
- Mining
- Non-Profit
- Oil and Gas or Energy
- Retail and Wholesale Trade Services
- Transportation
- Other (please specify)

Which ministry or department are you completing this survey on behalf of?

Other (please specify)

2. I am providing input on behalf of: (Select only one) *

- Myself
- An organization or group

3. I am providing input on behalf of myself as a: (Select only one) *

- Academic
- Employer
- Supplier
- Service provider
- Professional
- Worker
- Member of the public

Approximately how many workers do you employ in Alberta? (Select only one) *

- Less than 5
- 5 to 19
- 20 to 39
- 40 to 100
- More than 100

Are you under a collective agreement or union? (Select only one) *

- Yes
- No
- Unsure
- Prefer not to say

4. The group I am providing input on behalf of is my: (Select only one) *

- Employer or industry organization
- Health and safety association
- Professional organization
- Worker organization (e.g., union)
- Indigenous government, social group, or training institute
- Metis government, social group, or training institute
- Municipality
- Post secondary institution
- Other (please specify)

Other (please specify)

5. Organization name: *

6. Approximately how many people in Alberta are represented by your group? (Select only one) *

- Less than 100
- 100 to 500
- 501 to 1,000
- 1,001 to 5,000
- More than 5,000
- Unsure

Section 2: Occupational exposure limits

Occupational Exposure Limits (Table 2, Schedule 1; Section 18)

Section 16 of the OHS Code requires an employer to ensure workers are not exposed to a substance above its occupational exposure limit. Currently, occupational exposure limits in Table 2, Schedule 1 the OHS Code reflect 2006 American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLVs) with some exceptions.

In section 18 of the OHS Code, if a worker may be exposed to a substances in Table 2, Schedule 1 during a single work shift which is longer than eight hours, the occupational exposure limit must be adjusted using the listed formula ("Brief and Scala" method). The adjustment requirement does not apply to a substance for which "3" (do not adjust) appears in the substance interaction column in Table 2, Schedule 1.

Change A:

To improve health and safety, it is proposed to update occupational exposure limits to reflect 2024 ACGIH TVLs with some exceptions.

This includes adoption of thoracic and inhalable size selective notations, following ACGIH conventions for measurement type (ppm versus mg/m³), and removing duplicate entries in Table 2, Schedule 1.

This does not include the adoption of surface limits, as well as inhalable fraction and vapour limits. To see values which are proposed to be changed, please see the printable PFD [here](#).

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.

7. Do you agree with the proposed changes (**Change A**)? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes (**Change A**)? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how **Change A** would create an error. *

Describe how **Change A** is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed changes (**Change A**)? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Change B:

To improve health and safety, it is proposed to remove the “do not adjust” notation in Table 2, Schedule 1. The “do not adjust” notation ties back to the requirement in section 18 of the OHS Code which requires employers to adjust OELs when work shifts are longer than 8 hours. This is because, most OELs are based on a time weighted exposure over an 8 hour work shift.

The “do not adjust” notation is applied to some OELs that have health effects based on irritation alone. However, this approach to not adjust for some substances is not appropriate from a technical or health and safety perspective and information on health effects continues to evolve so health effects may not be based on irritation alone. This change will also require subsection 18(2) in Part 4 Chemical Hazards, Biological Hazards and Harmful Substances to be repealed reference to the notation to align.

8. Do you agree with the proposed change to Table 2, Schedule 1 (**Change B**)? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes to section Table 2, Schedule 1 (**Change B**)? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how **Change B** to Table 2, Schedule 1 would create an error. *

Describe how **Change B** to Table 2, Schedule 1 is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed changes to Table 2, Schedule 1 (**Change B**)? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Occupational Exposure Limits (Table 2, Schedule 1)

Occupational Exposure Limits (Table 2, Schedule 1)

The following questions are related to proposed changes to specific OELs.

Question A:

Currently, the OEL for benzene is 0.5 ppm (8-hour) and 2.5 ppm (15-minute).

To improve health and safety, it is proposed to change the OEL for benzene from: 0.5 ppm 8-hour OEL and 2.5 15-minute OEL to a 0.2 ppm 8-hour OEL. This value is different from the 2024 ACGIH TLV and reflects the current European limit for benzene.

9. Do you agree with the proposed change to Table 2, Schedule 1? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes to Table 2, Schedule 1? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how the proposed change to Table 2, Schedule 1 would create an error. *

Describe how the proposed change to Table 2, Schedule 1 is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed change to Table 2, Schedule 1? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Question B:

Currently the OEL for hydrogen sulphide is 10 ppm (8-hour) and 15 ppm (ceiling).

To improve health and safety, it is proposed to change the occupational exposure limit for hydrogen sulphide from 10 ppm 8-hour OEL and 15 ppm ceiling OEL to a 10 ppm ceiling OEL. This value is different from the 2024 ACGIH TLV and reflects the current British Columbia OEL for hydrogen sulphide.

10. Do you agree with the proposed change to Table 2, Schedule 1? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes to Table 2, Schedule 1? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how the proposed change to Table 2, Schedule 1 would create an error. *

Describe how the proposed change to Table 2, Schedule 1 is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed change to Table 2, Schedule 1? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Question C:

Currently, there is no OEL for diesel particulate matter in the OHS Code.

Do you agree with the adoption of a new OEL for diesel particulate matter of 0.1 mg/m³ based on elemental carbon. This value reflects the current British Columbia limit for diesel particulate matter for mining work sites.

11. Do you agree with the proposed change to Table 2, Schedule 1? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes to Table 2, Schedule 1? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how the proposed change to Table 2, Schedule 1 would create an error. *

Describe how the proposed change to Table 2, Schedule 1 is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed change to Table 2, Schedule 1? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

12. If an OEL for diesel particulate matter were to be adopted in Alberta, should it apply to mining work sites only (as in other jurisdictions) or to all work sites? (Select only one) *

- Mining Only
- All work sites

Occupational Exposure Limits (Prologue to Table 2)

Occupational Exposure Limits (Prologue to Table 2)

There is wording before Table 2 in Schedule 1 which currently provides an explanation of terms used in Table 2 and explains the meaning of the notations and substance interactions.

To correct an error, it is proposed to adjust the "ppm" explanation from "ppm (parts per million) means parts of a vapour or gas by volume at standard conditions (25°C and an absolute barometric pressure of 101.3 kilopascals) per parts of contaminated air by volume at ambient work site conditions" to "ppm (parts per million) means parts of a vapour or gas in air (by volume) per million parts of air (by volume)".

13. Do you agree with the proposed change to the Table 2 Prologue? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes to the Table 2 Prologue? (Select only one)

*

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how the proposed change to the Table 2 Prologue would create an error. *

Describe how the proposed change to the Table 2 Prologue is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed change to the Table 2 Prologue? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Occupational Exposure Limits (Section 16)

Occupational Exposure Limits (Section 16)

Currently, an employer must ensure worker exposure to a substance listed in Table 2, Schedule 1 is kept as low as reasonably achievable and does not exceed its OEL. The amended OEL for coal dust came into effect on July 1, 2010.

If there is no OEL established for a harmful substance present at a work site, the employer must ensure worker exposure is kept as low as is reasonably achievable.

A worker must not be exposed to a substance at a level exceeding its ceiling limit list in Table 2, Schedule 1 at any time.

If there is no 15-minute OEL or ceiling OEL for a substance listed in Table 2, Schedule 1, the employer must comply with the 8-hour OEL and ensure worker exposure does not exceed three times the 8-hour OEL for more than a total of 30 minutes in a 24-hour period and five times the 8-hour OEL or the concentration which is immediately dangerous to life and health, whichever is lower.

Change A:

To correct an error and ensure 15-minute OELs are applied correctly, it is proposed to add a new section on the rules for applying a 15-minute OEL. This provision was previously in the 2007 OHS Code and was erroneously removed in the 2009 edition.

If a worker is exposed at a concentration exceeding the 8-hour OEL but less than the 15-minute OEL:

- The employer must ensure each 15-minute period of exposure is followed by at least 60 minutes where the exposure is at or below the 8-hour OEL,
- The worker may not be subjected to more than four of the 15-minutes of exposure in a workday, and
- The 8-hour OEL may not be exceeded.

14. Do you agree with the proposed changes (Change A)? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes (Change A)? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how **Change A** would create an error. *

Describe how **Change A** is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed changes (**Change A**)? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Change B:

To clarify employer responsibilities, it is proposed to add an employer responsibility to ensure a worker is not exposed above a ceiling OEL.

15. Do you agree with the proposed changes to section 16 (**Change B**)? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes to section 16 (**Change B**)? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how **Change B** would create an error. *

Describe how **Change B** is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed changes to section 16 (**Change B**)? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Occupational Exposure Limits (Section 20)

Occupational Exposure Limits (Section 20)

Currently, section 20 prescribes the measurement methods that must be used when determining compliance with an OEL.

If there is no analytical method or procedure for a substance, an employer may use a continuous reading direct reading instrument to measure airborne concentrations to comply with an OEL as long as the instrument is used, calibrated and maintained according to the manufacturer's specifications.

An employer must ensure the person conducting airborne measurements is competent to do so.

If a person is counting asbestos fibres, they must apply NIOSH Method 7400 and only to the particles that meet the size criteria for fibres.

To reflect best practices for health and safety, it is proposed to update the referenced technical standards for conducting measurements of airborne concentrations to the most current versions:

- NIOSH Manual of Analytical Methods, 4th Edition, unless it has been updated in the 5th Edition, published by the United States Department of Health and Human Services, as amended up to and including the 3rd supplement,
- Sampling and Analytical Methods published by the United States Occupational Safety and Health Administration,
- Methods for the Determination of Hazardous Substances guidance published by the Health and Safety Executive of Great Britain,
- Environmental Measurements and Modelling Methods published by the United States Environmental Protection Agency (EPA),
- Sampling Guide for Air Contaminants in the Workplace, 8th edition, version 8.1 published by the Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST),
- ISO Standards and Guides of Air Quality published by ISO Technical Committee TC146
- Analyses of Hazardous Substances in Air published by DFG Deutsche Forschungsgemeinschaft – Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area.

16. Do you agree with the proposed change to section 20? (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Why are modifications necessary for the proposed changes to section 20? (Select only one) *

- Changes create a technical or editorial error
- Changes are not practical for this industry or activity
- Prefer a different approach (please specify)

Describe how the proposed change to section 20 would create an error. *

Describe how the proposed change to section 20 is not practicable for this industry or activity. *

Prefer a different approach (please specify)

What is the main reason you disagree with the proposed change to section 20? (Select only one) *

- Changes are too prescriptive
- Changes are not prescriptive enough
- Changes reduce worker safety
- Changes introduce additional administrative burden
- Changes introduce additional costs
- Changes are not practical for this industry or activity
- Other (please specify)

Other (please specify)

Occupational Exposure Limits (Definitions)

Occupational Exposure Limits (Definitions)

The following questions are regarding new or proposed changes to definitions in the OHS Code.

Fibre

Currently, "fibre" means a particulate material with:

- (a) a diameter equal to or less than 3 micrometres;
- (b) a length equal to or greater than 5 micrometres; and
- (c) a length to diameter ratio equal to or greater than 3 to 1.

To clarify that this definition applies only to the use of "fibre" in Part 4 of the OHS Code, it is proposed to change the definition to:

"fibre" in Part 4 means a particulate material with

- (a) a diameter equal to or less than 3 micrometres;
- (b) a length equal to or greater than 5 micrometres; and
- (c) a length to diameter ratio equal to or greater than 3 to 1.

17. The proposed definition of “fibre” is technically accurate. (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Please elaborate on your suggestions for the “fibre” definition: *

Occupational Exposure Limits (Definitions - Inhalable)

Inhalable

Currently, there is no definition for “inhalable” in the OHS Code. To reflect the proposed adoption of inhalable limits, it is proposed to add a new definition for “inhalable”.

“Inhalable” means airborne particulate that meets the American Conference on Governmental Industrial Hygienists and International Organization for Standardization/European Standardization Committee inhalable size-selection curve and has a 50 percent cut-point at 100 micron aerodynamic diameter.

18. The proposed definition of “inhalable” is technically accurate. (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Please elaborate on your suggestions for the “inhalable” definition: *

Occupational Exposure Limits (Definitions - Respirable)

Respirable Particulate

Currently, “respirable particulate” means airborne particulate collected and analyzed using NIOSH Method 0600, Particulates Not Otherwise Regulated, Respirable.

To be consistent with international definitions, it is proposed to revise the definition of “respirable”:
“Respirable” means an airborne particulate that meets the American Conference on Governmental Hygienists and International Organization for Standardization/European Standardization Committee respirable size-selection curve and has a 50 percent cut-point of 4 micron aerodynamic diameter.

19. The proposed definition of “respirable” is technically accurate. (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Please elaborate on your suggestions for the “respirable” definition: *

Occupational Exposure Limits (Definitions - Thoracic)

Thoracic

Currently, there is no definition for “thoracic” in the OHS Code.

To reflect proposed adoption of thoracic limits, it is proposed to add a new definition for “thoracic”: “Thoracic” means an airborne particulate that meets the American Conference of Governmental Industrial Hygienists and International Organization for Standardization/European Standardization Committee thoracic size-selection curve and has a 50 percent cut-point at 10 micron aerodynamic diameter.

20. The proposed definition of “thoracic” is technically accurate. (Select only one) *

- Agree, as proposed
- Agree, with modifications
- Neither agree nor disagree
- Disagree

Please elaborate on your suggestions for the “thoracic” definition: *

Section 3: Conclusion

21. How was your experience sharing your feedback today? (Select only one) *

- Very poor
- Poor
- Acceptable
- Good
- Very good

Why was your experience very poor?

Why was your experience poor?

Why was your experience good?

Why was your experience very good?

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										

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		-	-	-	-	-	-	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	-	1	-	3	-	Covered by borate compounds, inorganic.				
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	-

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
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	-	-	-

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
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

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	
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	-	-	-	-

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
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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		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
	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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		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	
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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		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	
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	-	-	-	-	-	-
							25	-	-	(15-min) 50	-	-
							-	-	-	-	(15-min) 10	-
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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		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
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	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	0.1	-	-	-
		-	-	-	-	-	-	0.02	-	-	-
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	-	-	-	-

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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
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 -	- -	- -	- -	- -	- 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 -	- -	- -	- -	- -	- 0.0001	- -	- -	- -
Nickel and inorganic compounds including Nickel subsulfide, as Ni-Elemental	7440-02-0										

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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
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	-	-	-	-	-	-	-	-

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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
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	-	-	-	-
1,1,1,2-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	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	0.02	-	-	-
Thiacloprid Inhalable	111988-49-9	-	-	-	-	-	-	0.2	-	-	-
4,4'-Thiobis (6-tert-butyl-m-cresol) Total Inhalable	96-69-5	-	10	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	1	-	-	-
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										

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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
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				