

3745-266-109

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Appendix IA to rule 3745-266-109 of the Administrative Code

Reference Air Concentrations*		
Constituent	CAS No.	RAC ($\mu\text{g}/\text{m}^3$)
Acetaldehyde	75-07-0	10.0
Acetonitrile	75-05-8	10.0
Acetophenone	98-86-2	100.0
Acrolein	107-02-8	20.0
Aldicarb	116-06-3	1.0
Aluminum Phosphide	20859-73-8	0.3
Allyl Alcohol	107-18-6	5.0
Antimony	7440-36-0	0.3
Barium	7440-39-3	50.0
Barium Cyanide	542-62-1	50.0
Bromomethane	74-83-9	0.8
Calcium Cyanide	592-01-8	30.0
Carbon Disulfide	75-15-0	200.0
Chloral	75-87-6	2.0
Chlorine (free)	----	0.4
2-Chloro-1,3-butadiene	126-99-8	3.0
Chromium III	16065-83-1	1000.0
Copper Cyanide	544-92-3	5.0
Cresols	1319-77-3	50.0
Cumene	98-82-8	1.0
Cyanide (free)	57-12-15	20.0
Cyanogen	460-19-5	30.0
Cyanogen Bromide	506-68-3	80.0
Di-n-butyl Phthalate	84-74-2	100.0
o-Dichlorobenzene	95-50-1	10.0
p-Dichlorobenzene	106-46-7	10.0
Dichlorodifluoromethane	75-71-8	200.0
2,4-Dichlorophenol	120-83-2	3.0
Diethyl Phthalate	84-66-2	800.0

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Constituent	CAS No.	RAC ($\mu\text{g}/\text{m}^3$)
Dimethoate	60-51-5	0.8
2,4-Dinitrophenol	51-28-5	2.0
Dinoseb	88-85-7	0.9
Diphenylamine	122-39-4	20.0
Endosulfan	115-29-1	0.05
Endrin	72-20-8	0.3
Fluorine	7782-41-4	50.0
Formic Acid	64-18-6	2000.0
Glycidyaldehyde	765-34-4	0.3
Hexachlorocyclopentadiene	77-47-4	5.0
Hexachlorophene	70-30-4	0.3
Hydrocyanic Acid	74-90-8	20.0
Hydrogen Chloride	7647-01-1	7.0
Hydrogen Sulfide	7783-06-4	3.0
Isobutyl Alcohol	78-83-1	300.0
Lead	7439-92-1	0.09
Maleic Anhydride	108-31-6	100.0
Mercury	7439-97-6	0.3
Methacrylonitrile	126-98-7	0.1
Methomyl	16752-77-5	20.0
Methoxychlor	72-43-5	50.0
Methyl Chlorocarbonate	79-22-1	1000.0
Methyl Ethyl Ketone	78-93-3	80.0
Methyl Parathion	298-00-0	0.3
Nickel Cyanide	557-19-7	20.0
Nitric Oxide	10102-43-9	100.0
Nitrobenzene	98-95-3	0.8
Pentachlorobenzene	608-93-5	0.8
Pentachlorophenol	87-86-5	30.0
Phenol	108-95-2	30.0
M-Phenylenediamine	108-45-2	5.0

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Constituent	CAS No.	RAC ($\mu\text{g}/\text{m}^3$)
Phenylmercuric Acetate	62-38-4	0.075
Phosphine	7803-51-2	0.3
Phthalic Anhydride	85-44-9	2000.0
Potassium Cyanide	151-50-8	50.0
Potassium Silver Cyanide	506-61-6	200.0
Pyridine	110-86-1	1.0
Selenious Acid	7783-60-8	3.0
Selenourea	630-10-4	5.0
Silver	7440-22-4	3.0
Silver Cyanide	506-64-9	100.0
Sodium Cyanide	143-33-9	30.0
Strychnine	57-24-9	0.3
1,2,4,5-Tetrachlorobenzene	95-94-3	0.3
2,3,4,6-Tetrachlorophenol	58-90-2	30.0
Tetraethyl Lead	78-00-2	0.0001
Tetrahydrofuran	109-99-9	10.0
Thallic Oxide	1314-32-5	0.3
Thallium	7440-28-0	0.5
Thallium (I) Acetate	563-68-8	0.5
Thallium (I) Carbonate	6533-73-9	0.3
Thallium (I) Chloride	7791-12-0	0.3
Thallium (I) Nitrate	10102-45-1	0.5
Thallium Selenite	12039-52-0	0.5
Thallium (I) Sulfate	7446-18-6	0.075
Thiram	137-26-8	5.0
Toluene	108-88-3	300.0
1,2,4-Trichlorobenzene	120-82-1	20.0
Trichloromonofluoromethane	75-69-4	300.0
2,4,5-Trichlorophenol	95-95-4	100.0
Vanadium Pentoxide	1314-62-1	20.0
Warfarin	81-81-2	0.3

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Constituent	CAS No.	RAC ($\mu\text{g}/\text{m}^3$)
Xylenes	1330-20-7	80.0
Zinc Cyanide	557-21-1	50.0
Zinc Phosphide	1314-84-7	0.3
<p>* The RAC for other constituents that are found in the appendix to rule 3745-51-11 of the Administrative Code that are not listed herein or in appendix HB to this rule is $0.1 \text{ ug}/\text{m}^3$.</p>		