Air Toxics Ambient Air Standard 2007 Review *

The following chart documents the Federal resources used to justify proposed changes to the Toxic Air Pollutant Ambient Air Standards.

acetaldehyde annual based on revised EPA IRIS reference concentration based on 1/42 of revised OSHA PEL acrylonitrile 9-hour based on 1/42 of ACGIH TLV based on 1/42 of ACGIH TLV benzene annual based on revised EPA IRIS Unit Risk Factor benzene 8-hour based on 1/42 of ACGIH TLV benzene 8-hour based on 1/42 of ACGIH TLV benzene 9-berylium & benzene 8-hour based on 1/42 of ACGIH TLV benzene 9-berylium compounds 8-hour based on 1/42 of ACGIH TLV benzene 9-berylium compounds 8-hour based on 1/42 of ACGIH TLV benzene 9-berylium compounds 8-hour based on 1/42 of ACGIH TLV benzene 9-berylium & benzene 9-berylium compounds 8-hour based on 1/42 of ACGIH TLV benzene 9-berylium & cadmium compounds 8-hour based on 1/42 of ACGIH TLV 9-berylium & cadmium compounds 9-hour based on 1/42 of ACGIH TLV 9-berylium & cadmium compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & cadmium VI & compounds 8-hour based on 1/42 of OSHA PEL 9-berylium & cadmium VI & compounds 8-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & compounds 9-hour based on 1/42 of OSHA PEL 9-berylium & not 1/42 of OSHA PEL 9-berylium & not 1/42 of OSHA PEL 9-berylium & not 1/42 of OSHA	Ambient Air Standards.			
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methyl methacrylate nickel & nickel compounds 8-hour based on 1/42 of revised ACGIH TLV based on 1/42 of OSHA PEL 8-hour based on 1/42 of ACGIH TLV based on 1/42 of new ACGIH TLV based on 1/42 of new ACGIH TLV propionaldehyde 8-hour based on 1/42 of OSHA PEL pyridine 8-hour based on 1/42 of OSHA PEL pyridine 8-hour based on 1/42 of revised ACGIH TLV sulfuric acid 8-hour based on 1/42 of revised ACGIH TLV sulfuric acid 8-hour based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/33.6 of NIOSH REL vinyl chloride 8-hour based on 1/42 of ACGIH TLV	maleic anhydride	8-hour	based on 1/42 of revised ACGIH TLV	
nickel & nickel compounds 8-hour based on 1/42 of OSHA PEL 8-hour based on 1/42 of ACGIH TLV propionaldehyde 8-hour based on 1/42 of new ACGIH TLV propylene oxide 8-hour based on 1/42 of OSHA PEL pyridine 8-hour based on 1/42 of revised ACGIH TLV sulfuric acid 8-hour based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/33.6 of NIOSH REL vinyl chloride 8-hour based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	mercury & mercury compounds	8-hour	based on 1/42 of revised ACGIH TLV	
nickel refinery dust propionaldehyde 8-hour based on 1/42 of ACGIH TLV bropionaldehyde 8-hour based on 1/42 of new ACGIH TLV based on 1/42 of OSHA PEL pyridine 8-hour based on 1/42 of revised ACGIH TLV sulfuric acid 8-hour based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/33.6 of NIOSH REL vinyl chloride annual based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	methyl methacrylate	8-hour	based on 1/42 of revised ACGIH TLV	
propionaldehyde 8-hour based on 1/42 of new ACGIH TLV propylene oxide 8-hour based on 1/42 of OSHA PEL pyridine 8-hour based on 1/42 of revised ACGIH TLV sulfuric acid 8-hour based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/33.6 of NIOSH REL vinyl chloride annual based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	nickel & nickel compounds	8-hour	based on 1/42 of OSHA PEL	
propylene oxide pyridine 8-hour 8-hour based on 1/42 of OSHA PEL 8-hour based on 1/42 of revised ACGIH TLV 8-hour based on 1/42 of revised ACGIH TLV 8-hour based on 1/42 of revised ACGIH TLV based on 1/33.6 of NIOSH REL vinyl chloride annual based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	nickel refinery dust	8-hour	based on 1/42 of ACGIH TLV	
pyridine 8-hour based on 1/42 of revised ACGIH TLV sulfuric acid based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/33.6 of NIOSH REL vinyl chloride annual based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	propionaldehyde	8-hour	based on 1/42 of new ACGIH TLV	
pyridine 8-hour based on 1/42 of revised ACGIH TLV sulfuric acid based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/33.6 of NIOSH REL vinyl chloride annual based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	propylene oxide	8-hour	based on 1/42 of OSHA PEL	
sulfuric acid 8-hour based on 1/42 of revised ACGIH TLV vinyl acetate 8-hour based on 1/33.6 of NIOSH REL vinyl chloride annual based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	pyridine	8-hour	based on 1/42 of revised ACGIH TLV	
vinyl chloride annual based on new EPA IRIS Unit Risk Factor vinyl chloride 8-hour based on 1/42 of ACGIH TLV	sulfuric acid		based on 1/42 of revised ACGIH TLV	
vinyl chloride 8-hour based on 1/42 of ACGIH TLV	vinyl acetate	8-hour	based on 1/33.6 of NIOSH REL	
vinyl chloride 8-hour based on 1/42 of ACGIH TLV	vinyl chloride	annual	based on new EPA IRIS Unit Risk Factor	
	vinyl chloride		based on 1/42 of ACGIH TLV	
	vinylidene chloride	annual	based on new EPA IRIS reference concentration	

^{*} Sources of exposure data include the Environmental Protection Agency (EPA) Integrated Risk Information System (IRIS); the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV); the Occupational Health and Safety Administration (OSHA) Permissible Exposure Limit (PEL); and the National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit (REL).