

## DEPARTMENT OF INDUSTRIAL RELATIONS

**DIVISION OF OCCUPATIONAL SAFETY & HEALTH**

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**AGENDA**

**Airborne Contaminants/ Permissible Exposure Limit Additional Advisory Meeting  
 For fourteen substances considered for revision in 8 CCR 5155**

**Room 1 - 2<sup>nd</sup> Floor  
 Elihu Harris State Building  
 1515 Clay Street  
 Oakland, California  
 Wednesday May 18, 2005**

**9:30 a.m. to 5 p.m.**

- I. Introductions**
- II. Agenda review**
- III. Background and history of Cal/OSHA Air Contaminants Advisory Committee process and recommendations for Permissible Exposure Limits (8 CCR 5155)**

<b>Substance</b>	<b>Current TLV</b>	<b>Committee Recommendation</b>
Allyl glycidyl ether	1 ppm	0.2 ppm
1-Bromopropane	10 ppm	1 ppm Skin
Coal dust (bituminous)	0.9 mg/M <sup>3</sup> respirable	0.1 mg/M <sup>3</sup> respirable
Cyclonite	0.5 mg/M <sup>3</sup> Skin	0.07 mg Skin
1,4 Dioxane	20 ppm Skin	0.28 ppm Skin
Glyoxal	0.1 <sup>(1)</sup> mg/M <sup>3</sup> SEN	0.01 mg/M <sup>3</sup>
Methyl n-butyl ketone	5 ppm / 10 ppm STEL	1 ppm / 10 ppm STEL
Methyl vinyl ketone	0.2 ppm Ceiling Skin & SEN	0.05 ppm Ceiling
Nickel & compounds, as Ni <sup>(2)</sup>		
Nickel, elemental	1.5 mg/M <sup>3</sup> inhalable	0.02 mg/M <sup>3</sup>
Nickel, soluble inorganic compounds	0.1 mg/M <sup>3</sup> inhalable	0.02 mg/M <sup>3</sup>
Nickel, insoluble inorganic compounds	0.2 mg/M <sup>3</sup> inhalable	0.02 mg/M <sup>3</sup>
Nickel subsulfide, as Ni	0.1 mg/M <sup>3</sup> inhalable	0.02 mg/M <sup>3</sup>
Ozone	0.2 ppm to 0.05 ppm <sup>(3)</sup>	0.1 ppm Ceiling
Silica (quartz, cristobalite, tridymite)	0.05 mg/M <sup>3</sup> respirable <sup>(4)</sup>	0.01 mg/M <sup>3</sup>
Refractory ceramic fiber	0.2 f/cc	0.1 f/cc
Vinyl bromide	0.5 ppm	0.1 ppm
Vinyl fluoride	1 ppm	0.2 ppm

**Footnotes:**

- Vapor and inhalable aerosol*
- For all nickel compounds other than nickel carbonyl*
- Varying with work intensity*
- ACGIH currently has a Notice of Intended Change for quartz and cristobalite to 0.025 mg/M<sup>3</sup> (respirable dust)*

- IV. Comments on Cal/OSHA Air Contaminants Advisory Committee recommendations and technical documents relied upon for each substance**
- V. Comments on sampling limitations and other technical feasibility issues at the levels listed above for each substance.**
- VI. Comments on types of industrial uses and economic feasibility issues at the levels listed above for each substance.**
- VII. Review major points and next steps.**