



COBALT, ANTIMONY COMPOUNDS, AND WEAPONS-GRADE TUNGSTEN ALLOY

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Table S1.15 Occupational exposure limits of cobalt and its compounds in different countries^a

Country/ location	Value and units (mg/m ³)		Additional information
	Limit value (8 h)	Limit value (short-term)	
Australia	0.05		
Austria	0.1	0.4	TRK value (based on technical feasibility)
Argentina	0.02		
Canada	0.02		Ontario and Quebec
China	0.05	0.1 ^a	15 min average value ^a
Denmark	0.01	0.02	
Finland	0.02		
Hungary	0.1	0.4	
Japan	0.05		Cobalt and compounds (without tungsten carbide)
Norway	0.02		Cobalt and its inorganic compounds, except cobalt(II)
Switzerland	0.05		Inhalable aerosol
Sweden	0.02		Cobalt and inorganic compounds (Klasson et al., 2016)
UK	0.1		
USA - ACGIH	0.02		ACGIH Threshold Limit Values 8 h TWA (inhalable particulate matter; cobalt [7440-48-4] and inorganic compounds, as cobalt)
USA - NIOSH	0.05		NIOSH Recommended Exposure Limit ≤ 10 h TWA
USA - OSHA	0.1		OSHA Permissible Exposure Limit 8 h TWA
Europe	0.05		
World	0.02		

ACGIH, American Conference of Governmental Industrial Hygienists; min, minute; NIOSH, National Institute for Occupational Safety and Health; OSHA, Occupational Safety and Health Administration; TRK, Technische Richtkonzentration; TWA, time-weighted average.

^a Adapted from [IFA \(2021\)](#).

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