

Major Provisions of the Proposed Standards for Occupational Exposure to Hexavalent Chromium

Scope	<ul style="list-style-type: none"> All exposures to all Cr(VI) compounds except application as a pesticide (e.g., treated wood); All exposures to all Cr(VI) compounds; All exposures to all Cr(VI) compounds except exposure to Portland cement 	General industry, shipyards and construction
Permissible exposure limit	1.0 µg Cr(VI)/m ³ air (8-hr. TWA)	General industry, shipyards and construction
Action level	0.5 µg/m ³	General industry only
Exposure monitoring	<ul style="list-style-type: none"> Initial Every 3 mos. if ≥ PEL Every 6 mos. if ≥ AL Discontinue if < AL 	General industry only
Regulated areas	Establish regulated areas where airborne concentrations are or are expected to be > PEL.	General industry only
Methods of compliance	If an employee is exposed above the PEL > 30 days/year (12 consecutive months), then engineering and work practice controls are required to achieve the PEL.	General industry, shipyards and construction
Respiratory protection	Provide respirators in accordance with 1910.134 in most circumstances where employees are exposed above the PEL.	General industry, shipyards and construction
Protective work clothing and equipment	When a hazard is or is likely to be present from skin or eye contact with Cr(VI), provide, clean, and maintain PPE at no cost to employee.	General industry, shipyards and construction
Hygiene areas and practices	<ul style="list-style-type: none"> Change rooms when PPE is required and washing facilities for employees with eye or skin contact with Cr(VI) ; Prohibition of certain activities (e.g., smoking, eating) in regulated areas. 	<ul style="list-style-type: none"> General industry, shipyards and construction General industry only
Housekeeping	Keep surfaces free as practicable of accumulation of Cr(VI) and clean spills and releases of Cr(VI) materials promptly.	General industry only
Medical surveillance	Medical assessment for employees who: <ul style="list-style-type: none"> Are exposed above the PEL >30 days/year (initially and annually); Experience signs or symptoms associated with Cr(VI) exposure; Are exposed in an emergency. 	<ul style="list-style-type: none"> General industry only General industry, shipyards and construction General industry, shipyards and construction
Communication of hazards to employees	<ul style="list-style-type: none"> Warning signs in regulated areas; Warning labels on containers with Cr(VI) contaminated wastes and clothing/ equipment; Employee training. 	<ul style="list-style-type: none"> General industry only General industry, shipyards and construction General industry, shipyards and construction
Recordkeeping	<ul style="list-style-type: none"> Exposure records; Medical records; Training records. 	<ul style="list-style-type: none"> General industry only General industry, shipyards and construction General industry, shipyards and construction

Source: Occupational Safety and Health Administration