

Good Practice Sheet for Uses of Chromium Trioxide

Overview Table of Good Practice Sheets and Applied for Uses

	Activity – Good Practice Sheets	Applied for Use No.					
		1	2	3	4	5	6
A1	Formulation – addition of solid chromium trioxide to mixtures	✓	✓	✓	✓	✓	✓
B1	Chromium plating operations in closed reactor cells		✓	✓			
B2	Chromium plating operations in covered tanks or baths		✓	✓			
B3	Chromium plating operations in tanks or baths in an enclosed chamber and automated loading to bath		✓	✓			
B4	Chromium plating operations in tanks or baths in a segregated area and automated loading to bath		✓	✓			
B5	Chromium plating operations in open tanks or baths with automated loading to bath		✓	✓			
B6	Chromium plating operations in an open tank or bath with semi-automated loading to bath		✓	✓			
B7	Chromium plating operations in an open tank with manual loading to bath		✓	✓			
C1	Surface treatment with chromium trioxide in open tanks or baths (e.g. passivation, conversion coating, anodize seal) without electric current				✓	✓	
C2	Surface treatment with chromium trioxide by spray application in a cabin (automated)				✓	✓	
C3	Surface treatment with chromium trioxide by spray application in a cabin (manual)				✓	✓	
C4	Surface treatment with chromium trioxide by spray application outside a cabin				✓	✓	
C5	Surface treatment with chromium trioxide by touch-up with a pen				✓		
C6	Passivation of Tin Plated Steel (ETP) and Electrolytic Chromium Coated Steel (ECCS) processes						✓
C7	Chromic acid anodizing operations in an open tank with manual loading to bath with electric current				✓		
C8	Surface treatment with chromium trioxide by touch-up with a brush using electric current applied to the system				✓		
Continued overleaf							

Good Practice Sheet for uses of Chromium Trioxide

Overview Table of Good Practice Sheets and Applied for Uses

	Activity – Good Practice Sheets	Applied for Use No.					
		1	2	3	4	5	6
D1	Storage and handling of closed containers	✓	✓	✓	✓	✓	✓
D2	Sampling	✓	✓	✓	✓	✓	✓
D3	Adjustment of plating or treatment baths with chromium trioxide	✓	✓	✓	✓	✓	✓
D4	Maintenance, repair and installation related to the existing process line when the equipment contains chromium trioxide	✓	✓	✓	✓	✓	✓
D5	Maintenance, repair and installation related to the existing process line when the bath, vessel or equipment is empty	✓	✓	✓	✓	✓	✓
D6	Cleaning of spills or releases	✓	✓	✓	✓	✓	✓
D7	On-site wastewater treatment	✓	✓	✓	✓	✓	✓
E1	Monitoring of Workplace Exposure to Cr(VI) Stationary (Static Air) Measurements	✓	✓	✓	✓	✓	✓
E2	Monitoring of Workplace Exposure to Cr(VI) Personal Measurements	✓	✓	✓	✓	✓	✓
E3	Monitoring of Workplace Exposure to Cr(VI) Biomonitoring	✓	✓	✓	✓	✓	✓
E4	Monitoring of environmental emissions of Cr(VI)	✓	✓	✓	✓	✓	✓
E5	Monitoring Reporting Template	✓	✓	✓	✓	✓	✓
E6	Health Hazards of Hexavalent Chromium	✓	✓	✓	✓	✓	✓
E7	Personal Protective Equipment (PPE)	✓	✓	✓	✓	✓	✓

Good Practice Sheet for uses of Chromium Trioxide

Overview Table of Good Practice Sheets and Applied for Uses

Applied for Use

No.	Description
1	Formulation of mixtures
2	Functional Chrome Plating
3	Functional chrome plating with decorative character
4	Surface treatment for applications in the aeronautics and aerospace industries, unrelated to Functional chrome plating or Functional chrome plating with decorative character
5	Surface treatment (except passivation of tin-plated steel (ETP)) for applications in various industry sectors namely architectural, automotive, metal manufacturing and finishing, and general engineering (unrelated to Functional chrome plating or Functional chrome plating with decorative character)
6	Passivation of tin-plated steel (ETP)