



Chrome Plating ATCM Amendments

Technical Working Group #5

5/26/2021

Meeting Agenda

- Introductions
- Working Group #4 summary
- Draft rule language
- Timeline revisions
- Questions

Working Group 4 Summary

- Response to comments from WG3
- Preview of upcoming draft rule language

Updates Since Working Group 4

- Draft rule language released
- Received 49 email comments
- Received 4 letters

Draft Rule Language Summary

Proposed Regulation Language

- Removed 93102.4 (a) - Requirements that Apply to Existing Hexavalent Chromium Electroplating and Chromic Acid Anodizing Facilities
- Removed 93102.4 (e) - Requirements for New Hexavalent Chromium Electroplating and Chromic Acid Anodizing Facilities Beginning October 24, 2007
- Removed 93102.4(f) – Notification Requirements for New and Modified Facilities

Proposed Regulation Language

- Removed 93102.7(a)(1)(c) - New hexavalent chromium facilities complying with section 93102.4(d)(2) or section 93102.6(b)(1)(A) or (C)
- Removed and replaced old compliance dates throughout regulation

Proposed Regulation Requirements

- Replaced Section 93102.4 summary to reflect new subsection numbering
 - Subsection (a) contains the requirements for new hexavalent chromium electroplating or chromic acid anodizing operations. Subsection (b) contains requirements for existing facilities that emit hexavalent chromium. Subsection (c) contains limits for existing facilities that shall remain in effect until the requirements of subsection (b) become effective after June 30, 2022.

Section 93102.4(a) New Facilities

- 93102.4(a) Limits that Apply to All New Hexavalent Hard and Decorative Chromium Electroplating and Chromic Acid Anodizing Facilities.
 - (1) No person shall install or operate a new hard or decorative hexavalent chromium electroplating facility or a new chromic acid anodizing facility after June 30, 2022.

Phase-Out Requirements

- 93102.4(b) Requirements that Apply to all Existing Hexavalent Hard and Decorative Chromium Electroplating and Chromic Acid Anodizing Facilities.

Decorative Chrome

- 93102.49(b)(1)
 - (1) No owner or operator shall operate a decorative hexavalent chromium electroplating tank after July 1, 2024

Hard/Functional Chrome

- 93102.49(b)(2)
 - (1) No owner or operator shall operate a hard hexavalent chromium electroplating tank after July 1, 2028

Chromic Acid Anodizing

- 93102.49(b)(2)
 - (1) No owner or operator shall operate a chromic acid anodizing tank after July 1, 2033

Other Regulation Changes

- Compliance dates updated throughout regulation
- Removed past effective dates from Table 93102.4: Hexavalent Chromium Emission Limits for Existing Tanks

Other Regulation Changes

- Updated Table 93102.8: Chemical Fume Suppressants Approved for use at Specific Surface Tensions, with currently certified fume suppressants
- Added definitions for chromic acid mist and chromium trioxide
- Made minor grammatical changes

Regulatory Timeline Updates

- Extended beyond December 2021
- Include expanded economic impact analysis
- Additional CEQA considerations
- Board hearing - Summer 2022

Questions + Comments

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