

About Rule 1469.1

South Coast AQMD's Rule 1469.1 is designed to reduce hexavalent chromium emissions from operations that spray chromate coatings. Hexavalent chromium is a toxic air contaminant and is a potent carcinogen and is added to chromate coatings to prevent the corrosion of metal parts. Rule 1469.1 includes requirements to ensure hexavalent chromium emissions from these spraying operations are well controlled to minimize health risks to surrounding neighbors.



This brochure provides a general overview of Rule 1469.1. Compliance determinations are based on Rule 1469.1, which can be found at the following link or by scanning the QR code below:

<http://www.southcoastaqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1469-1.pdf>



Assembly Bill 617

Assembly Bill 617 (AB 617) was signed into California law on July 26, 2017, and focuses on addressing disproportionate impacts of air pollution in designated environmental justice (EJ) communities. Metal processing facilities have been identified by some Community Steering Committees (CSCs) as an air quality priority in their Community Emissions Reduction Plans (CERPs).

As part of these CERPs, South Coast AQMD is committed to sharing information on rules that reduce emissions and exposure to metal TACs in your community.

For more information on CERP implementation and upcoming quarterly CSC meetings, including how to join your community's CSC, visit the South Coast AQMD AB 617 program webpage at the following link or by scanning the QR code below:

<http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ab617-134>



For any questions related to the AB 617 program, please email us at:

ab617@aqmd.gov

@SouthCoastAQMD



For the latest air quality forecast or to register an air quality complaint, call: 1-800-CUT-SMOG® (1-800-288-7664) or visit our website: www.aqmd.gov



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Spraying Operations Using Coatings Containing Chromium

South Coast Air Quality Management District

Rule 1469.1



Key Requirements



Air Pollution Controls

Conduct all spraying of chromate coatings in a spray booth with high efficiency particulate air (HEPA) filters to capture hexavalent chromium particulate emissions. Dried coating removal activities, such as sanding, is also required to be captured and vented to HEPA filters.



Ensure Proper Operation of Pollution Controls

Conduct periodic measurements of air flow within spray booths and of pressure across the filters. Cease spraying operations if pollution controls do not meet operational requirements.



Building Enclosure

Conduct chromate coating spraying or removal activities within a building or enclosure to minimize fugitive emissions. Specific operations are required to be conducted at least 20 feet away from a building opening.



Housekeeping and Best Management Practices

Conduct routine cleaning to reduce build-up of chromate coating and implement prescribed best management practices to minimize fugitive emissions.



Recordkeeping

Facilities are required to maintain records of coating usage, equipment maintenance, and housekeeping.



Frequently Asked Questions

Who is South Coast AQMD?

South Coast AQMD is the regulatory agency responsible for improving air quality for large areas of Los Angeles, Orange County, San Bernardino and Riverside counties, including the Coachella Valley.

What is hexavalent chromium?

Hexavalent chromium is a toxic air contaminant that is a potent carcinogen. It is mainly produced by industrial processes.

What are HEPA filters?

High Efficiency Particulate Air (HEPA) filters are filters that have been tested and certified to meet a control efficiency of not less than 99.97 percent on 0.3 micron particles.

What are fugitive emissions?

Fugitive emissions are any emissions that are not collected through air pollution controls. Fugitive emissions can occur when tank solutions containing hexavalent chromium are spilled and allowed to dry, and are disturbed by foot, vehicle traffic, or wind—and become airborne.

Where can I find other South Coast AQMD Rules?

Links to all South Coast AQMD rules can be found at the following link or by scanning the QR code below:

www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book

