



Compliance Advisory Regarding Amended Rule 1469

Advisory No. 1469 2018-1

December 21, 2018

The South Coast Air Quality Management District (SCAQMD) is issuing this compliance advisory regarding the November 2, 2018 amendment to Rule 1469 – *Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations*. The Rule 1469 amendment includes new and ongoing measures to minimize emissions from operations subject to the rule. This advisory provides a brief summary of the forthcoming deadlines and requirements, and resources to obtain more information about the requirements.

The amended rule establishes three different tiers for process tanks based on their operating temperature, hexavalent chromium concentration, rectification, and air agitation (air sparging). Many of the requirements in the rule are dependent on the tier designation of the tanks. The following are some of the immediate, upcoming requirements and their effective dates:

REQUIREMENTS EFFECTIVE IMMEDIATELY:

Reporting

1469(p)(4) Notification of Incident – Notify the Executive Officer by calling 1-800-CUT-SMOG within four hours of any failed smoke test, failed source test, exceedance of permitted ampere-hour limit, or malfunction of a non-resettable ampere-hour meter. The four-hour notification window shall be from the time the owner or operator of the facility knew, or should have reasonably known, of the incident.

Parameter Monitoring

1469(m)(2)(B) Surface Tension Measurements – Measure the surface tension of tank solution using a certified fume suppressant every three operating days but no less than once per week.

Housekeeping Requirements

1469(f)(6) Floor Cleaning – Clean all floors within 20 feet of a buffing, grinding, or polishing station. Approved cleaning methods are defined in (c)(6).

1469(f)(7) Fabric Floor Removal – Eliminate all flooring made of fabric, such as carpets or rugs, on walkways in tank process areas where hexavalent chromium-containing materials can become trapped.

EFFECTIVE JANUARY 1, 2019:

Best Management Practices

1469(g)(3) New Labeling of Tanks – New tank labeling requirements include: maximum concentration of hexavalent chromium, operating temperature, agitation methods, and tank tier designation. Existing permit conditions requirements for labeling will also apply.

(Laboratory analyses of tanks solutions may be necessary to determine concentrations.)

EFFECTIVE OR DUE BY JANUARY 31, 2019:

Best Management Practices

1469(g)(2) No Spray Rinsing – Parts or equipment previously processed in a Tier II or Tier III tank shall not be spray rinsed unless the parts or equipment are fully lowered inside a tank where the liquid is captured inside the tank.

1469(d)(4), 1469(g)(4) Building Enclosures – Operate all Tier I, II or III tanks and conduct all buffing, grinding, and polishing operations within a building enclosure.

Operation and Maintenance Plan

1469(n)(9) – Deadline to revise facility's Operation and Maintenance Plan for identified equipment in Tables 4-2 and 4-3 in Appendix 4 of Rule 1469, and include the checklist and procedure elements of subsection (n)(5).

1469(n)(3) – Comply with inspection and maintenance requirements in Rule 1469, Appendix 4, Table 4-3 for Tier 2 tanks not controlled by an add on air pollution control device.

1469(n)(4) – Comply with inspection and maintenance requirements in Rule 1469, Appendix 4, Table 4-2 for Tier I, II, and III tanks.

Some of the new elements of the Operation and Maintenance Plan include, but are not limited to, requirements regarding slot velocities, air flow gauges, and temperature data loggers.

DUE BY FEBRUARY 1, 2019:

Ongoing Compliance Status and Emission Reports (OCSER)

1469(p)(3) – The OCSER is due February 1 of every year for the reporting period of January 1 through December 31 of the previous year. OCSER item numbers 16, 17, and 18 in Appendix 3 have been added to the necessary information to be reported in the OCSER. This information includes: collection slot velocities; push-air pressures from the most recent source test; pollution prevention measures implemented; and information, drawings, and calculations for the building enclosure envelope.

ADDITIONAL RESOURCES:

SCAQMD will provide future advisories for other new requirements and additional upcoming deadlines and due dates. Rule 1469 may be found on the SCAQMD website at:

www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1469.pdf?sfvrsn=4

The facility is responsible for following all rules. If you have further questions regarding Rule 1469, please contact the following:

- **Compliance and Enforcement:** please contact your assigned SCAQMD Inspector, or Senior Enforcement Manager Jason Aspell at (909) 396-2491.
- **Engineering and Permitting:** please call the Coating and Metal Finishing group phone at (909) 396-3393.
- **Source Test Engineering:** please contact Sr. Air Quality Engineer Bill Welch at (909) 396-2243.