



# San Diego County Air Pollution Control District

April 12, 2023

## COMPLIANCE ADVISORY

### **Notice of Amendments to NESHAP Subpart HHHHHH** *Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources*

This advisory applies to facilities that are not a Major Source of Hazardous Air Pollutants (HAPs),<sup>1</sup> are considered Area Sources,<sup>2</sup> and operate a paint stripping or coating operation subject to National Emissions Standards for Hazardous Air Pollutants Subpart HHHHHH (NESHAP 6H).

NESHAP 6H, amended by the U.S. Environmental Protection Agency (EPA) on November 10, 2022, is effective immediately and applies to the following paint stripping or coating operations at Area Sources of HAPs:

- Any paint stripping operations that use methylene chloride containing paint stripping formulations, regardless of the quantity used;
- Any spray application of coatings to motor vehicles or mobile equipment;
- Any spray application of coatings to a plastic and/or metal substrate where the coatings contain compounds of cadmium (Cd), chromium (Cr), lead (Pb), manganese (Mn), or nickel (Ni).

NESHAP 6H does **not** apply to:

- Surface coating or paint stripping performed on-site at installations owned or operated by the Armed Forces of the United States.
- Surface coating or paint stripping of military munitions or equipment directly and exclusively used for the purposes of transporting military munitions.
- Surface coating or paint stripping performed by individuals on their personal vehicles, property, or possessions, either as a hobby or for maintenance of their personal vehicles, possessions, or property, provided they coat no more than two vehicles per year.
- Surface coating or paint stripping that meets the definition of “research and laboratory activities” as defined in NESHAP 6H.
- Surface coating or paint stripping that meets the definition of “quality control activities” as defined in NESHAP 6H.
- Surface coating or paint stripping activities covered under another Area Source NESHAP.
- Motor vehicle or mobile equipment surface coating operations that have submitted a petition to the San Diego County Air Pollution Control District (District) and EPA for an exemption from NESHAP 6H if the surface coating operation can demonstrate to the satisfaction of the District that spray-applied coatings do not contain compounds of Cd, Cr, Pb, Mn, or Ni.

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<sup>1</sup> A Major Source of HAP is a source which has the potential to emit 10 tons per year of a single HAP or 25 tons per year of a combination of two or more HAPs. A list of HAPs identified by EPA can be found at <http://bit.ly/3lAj3UZ>.

<sup>2</sup> An area source of HAP is a source that is not a major source.

To find out if NESHAP 6H applies to your facility, you may review the District permit issued for your paint stripping or coating operation.

Amendments to NESHAP 6H include the following:

- On or after May 9, 2023, facilities conducting motor vehicle or mobile equipment surface coating may notify the District that they do not spray-apply coatings that contain Cd, Cr, Pb, Mn, or Ni, instead of petitioning for an exemption.
- The procedure to demonstrate filter efficiency must be consistent with ANSI/ASHRAE Standard 52.2-2017 or EPA Method 319 of Appendix A to 40 CFR Part 63.
- On or after May 9, 2023, facilities who are required to submit initial and annual notifications must do so electronically to EPA via the Compliance and Emissions Data Reporting Interface (CEDRI). CEDRI is accessed through EPA's Central Data Exchange website at <https://cdx.epa.gov/FAQ#CEDRIQ1>.
- The definition of *Materials that contain HAP or HAP-containing materials* was updated to mean: (1) materials containing any individual target HAP that is a carcinogen at a concentration greater than 0.1 percent by mass; or (2) materials containing any individual target HAP that is not a carcinogen at a concentration greater than 1.0 percent by mass.
- The definition of *Non-HAP solvent* was deleted.
- The definition of *Spray-applied coating operations* was updated to specify that spray-applied coatings do not include hand-held devices that do not use a paint cup liner, or have a paint cup capacity less than or equal to 3.0 fluid ounces.
- The definition of *Target HAP containing coating* was updated to specify that coatings that contain Cd, Cr, Pb, or Ni in amounts greater than or equal to 0.1 percent by mass of metal (as applied), or coatings that contain Mn in amounts greater than or equal to 1.0 percent by mass of metal (as applied).

As a result of the above changes, the following actions should be taken depending on your current permit requirements:

- If your District permit currently contains conditions prohibiting spray application of coatings that contain Cd, Cr, Pb, Mn, or Ni, you do not need to take any additional actions. Compliance with existing permit requirements ensures compliance with the amended federal regulation.
- If your District permit allows spray application of coatings that contain Cd, Cr, Pb, Mn, or Ni and your facility is subject to NESHAP 6H as indicated by your permit, you must ensure the efficiency of all filters used in the spray booth is demonstrated in accordance with the new method. Additionally, on or after May 9, 2023, you must submit all notifications and reports to EPA via CEDRI in addition to notifying and reporting to the District. At a future date, the District may revise your permit to more clearly specify the new applicable requirements.
- If your District permit allows spray application of coatings that contain Cd, Cr, Pb, Mn, or Ni and you are not exempt from NESHAP 6H but you wish to request an exemption, you must submit an application to the District to modify your permit to prohibit spray application of these paints and to document your exemption notification.

NESHAP 6H can be found on the District's website at <https://bit.ly/NESHAP-6H>. The revisions can be found on EPA's website at <https://bit.ly/NESHAP-6H-amendment-2023-11-10>. If you have questions concerning the amendments to the regulation, please contact the Compliance Division at (858) 586-2650 or by email at [apcdcomp@sdapcd.org](mailto:apcdcomp@sdapcd.org).