

along with complementary changes to the recordkeeping and test method portions of each rule. BAAQMD's amendments to these four rules included these significant changes to the version within the SIP.

- The VOC definition was updated. Also, several new definitions were added such as surface preparation, medical device, and electrical and electronic components.
- Standards for minimizing solvent evaporative loss during clean-up were added along with a requirement that clean-up solvents not exceed 50 grams/liter VOC content.
- Surface preparation standards were added along with a requirement that surface preparation solvents not exceed 50 grams/liter VOC content.
- Record keeping requirements were added for solvents used in clean-up and surface preparation.
- The test method section of the rule was amended to include the clean-up and surface preparation standards.
- A set of test methods, "Analysis of Solvent Samples" and "Analysis of Exempt Compounds" were added.

Also, BAAQMD added limited exemptions for several activities from the solvent cleaning requirements within the rules. These limited exemptions are described below and discussed in more detail later in this rulemaking.

BAAQMD Rule 8–14, Surface Preparation and Coating of Large Appliances and Metal Furniture, is a rule designed to reduce VOC emissions at industrial sites painting and coating these items. VOCs are emitted during the preparation and coating of various substrates, as well as, the drying phase of the coating process. Rule 8–14 contains general and specialty coating VOC emission limits, an abatement device efficiency requirement of 85%, solvent evaporative loss standards, and surface preparation standards. BAAQMD's amendments to Rule 8–14 included these specific limited exemptions.

- A limited exemption was added for the following: (1) Surface preparation of electrical and electronic components, precision optics, and numismatic dies; (2) stripping of cured inks, coatings, and adhesives, cleaning of resin, coating, ink and adhesive mixing, molding and application equipment; and, (3) surface preparation associated with research and development operations, performance testing of coatings, adhesives, or inks, and testing for quality control and quality assurance.

BAAQMD Rule 8–19, Surface Preparation and Coating of Miscellaneous Metal Parts and Products, is a rule designed to reduce VOC emissions at industrial sites engaged in painting and coating various metal parts and products. VOCs are emitted during the preparation and coating of various substrates, as well as, the drying phase of the coating process. Rule 8–19 contains general and specialty coating VOC emission limits, an abatement device efficiency requirement of 85%, solvent evaporative loss standards, and surface preparation standards. BAAQMD's amendments to Rule 8–19 included these specific limited exemptions.

- A limited exemption was added for the following: (1) Surface preparation of electrical and electronic components, precision optics, and numismatic dies; (2) stripping of cured inks, coatings, and adhesives, cleaning of resin, coating, ink and adhesive mixing, molding and application equipment; and, (3) surface preparation associated with research and development operations, medical devices, pharmaceutical manufacturing operations, performance testing of coatings, adhesives, or inks, and testing for quality control and quality assurance.
- A limited exemption from the standards in Section 321 was added for surface preparation of military components which are prepared under a contract that requires the use of a solvent exceeding the requirements in Section 321. Such a contract must be entered into before December 1, 2005.

BAAQMD Rule 8–31, Surface Preparation and Coating of Plastic Parts and Products, is a rule designed to reduce VOC emissions at industrial sites coating or painting plastic substrates. VOCs are emitted during the preparation and coating of various substrates, as well as, the drying phase of the coating process. Rule 8–31 contains general and specialty coating VOC emission limits, an abatement device efficiency requirement of 85%, solvent evaporative loss standards, and surface preparation standards. BAAQMD's amendments to Rule 8–31 included these specific limited exemptions.

- A limited exemption was added for the following: (1) Surface preparation of electrical and electronic components, precision optics, and numismatic dies; (2) stripping of cured inks, coatings, and adhesives, cleaning of resin, coating, ink and adhesive mixing, molding and

application equipment; and, (3) surface preparation associated with research and development operations, medical devices, pharmaceutical manufacturing operations, performance testing of coatings, adhesives, or inks, and testing for quality control and quality assurance.

- A limited exemption from the standards in Section 321 was added for surface preparation of military components which are prepared under a contract that requires the use of a solvent exceeding the requirements in Section 321. Such a contract must be entered into before December 1, 2005.

BAAQMD Rule 8–43, Surface Preparation and Coating of Marine Vessels, is a rule designed to reduce VOC emissions at industrial sites engaged in coating and painting marine vessels and associated components. VOCs are emitted during the preparation and coating of various substrates, as well as, the drying phase of the coating process. Rule 8–43 contains general and specialty coating VOC emission limits, an abatement device efficiency requirement of 85%, solvent evaporative loss standards, and surface preparation standards. BAAQMD's amendments to Rule 8–43 included these specific limited exemptions.

- A limited exemption was added for the following: (1) Surface preparation solvent used on surfaces prepared for bonding dissimilar substrates; (2) surface preparation solvent used on gears, turbines, turbine generators and associated housings with faint or working surfaces where surfaces are required to undergo material testing or application for transfer dyes; (3) electrical and electronic components; and, (4) surface preparation associated with research and development operations, medical devices, pharmaceutical manufacturing operations, and performance testing of coatings, adhesives, or inks, and testing for quality control and quality assurance.
- A limited exemption from the standards in Section 321 was added for surface preparation of military components which are prepared under a contract that requires the use of a solvent exceeding the requirements in Section 321. Such a contract must be entered into before December 1, 2005.
- Section 402, Vessels Subject to Coastwide Bid Petition was deleted.

The TSD for each subject rule has more information.