

RULE 411 SURFACE COATING OF MANUFACTURED METAL PARTS

A. Except as otherwise provided in Section C this rule is applicable to the coating of any manufactures metal parts and products excluding automobiles, light-duty trucks, aircraft, aerospace vehicles, marine vessels, cans, coils, and magnetic wire.

1. After January 1, 1982, a person shall not use or apply any coating on any manufactured metal part or product subject to the provision of this regulation which emits or may emit volatile organic compounds into the atmosphere in excess of the following limits:

VOC Limitation
grams per liter of coating
applied excluding water

<u>Air Dried or Forced Air Dried</u>	<u>Baked</u>
340	275

2. New Sources

A person shall not use or apply any oven-baked coating on any manufactured metal part or product subject to the provisions of this regulation which emits or may emit volatile organic compounds into the atmosphere in excess of 180 grams per liter of coating to build, erect, or install is required after January 1, 1982.

3. Before January 1, 1982, the amount of volatile organic compounds which may be emitted from any manufactured part or product coating application line shall be re-evaluated to determine whether another limit is justifies.
4. The emission limits prescribed in this section shall be achieved by:
 - a. The use of low solvent coating: or
 - b. Any other emission reduction process determined by the Air Pollution Control Officer to be as effective as a.

B. Application Equipment Requirements

Except as otherwise provided in Section C, after January 1, 1982, a person shall not use or operate any coating application equipment subject to the provisions of this regulation that does not provide transfer affiance equal to or greater than 65

percent. The application of coating by electrostatic attraction shall be deemed to constitute compliance with requirement.

C. EXEMPTIONS

1. The provisions of this Rule shall not apply to coatings which emit or may emit volatile organic compounds in excess of the specified limits provided that the total emissions from the use of such coating do not exceed 20 pounds in any one day for new sources or 40 pounds in any one day for existing sources.
2. The provisions of Subsection A.2 shall not apply to all touch-up repairs

D. DEFINITIONS

1. "Manufactured Metal Parts and Products" include any metal parts or products manufactured under the Standard Industrial Classification Code of Major Group 25 (furniture and fixtures), Major Group 33 (primary metal industries), Major Group 34 (fabricated metal products), Major Group 35 (non-electrical machinery), Major Group 36 (electrical machinery), Major Group 37 (transportation equipment), Major Group 38 (miscellaneous instruments), Major Group 39 (miscellaneous manufacturing industries).
2. "Volatile Organic Compound (VOC)": Means any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate as determined by an ARB approved reference test method.
3. "Forced Air Dried" means a process whereby the coated object is heated above ambient temperature up to a maximum of 90° Celsius to decrease drying time.
4. "Transfer Efficiency": Means the ratio of the amount by volume of coating which is deposited on the object to be coated to the amount by volume of coating sprayed expressed as a percentage.
5. "Touch Up": Means that portion of the coating operation which is incidental to the main coating process, but necessary to cover minor imperfections or to achieve coverage as required.
6. "Repair": Means recoating portions of previously coated product due to mechanical damage to the coating following normal painting operations.