

Motor Vehicle Service Repair Compliance Workshop

Air Pollution Control District
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WORKSHOP TOPICS

- Ozone Health Affects
- Rule 67.6.1 Requirements
- New Rule 67.20.1

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Ozone fo

Oxygen
Volatile
Nitroge





Ozone Health Effects



- Acute Exposure:
 - coughing, chest pains, headaches, eye / throat irritation, nausea, asthma attacks, loss of lung capacity, respiratory damage

- Chronic Exposure:
 - Changes to immune system, aging of lung tissue, loss of lung tissue, susceptibility to respiratory infection

Rule 67.6.1 – Cold Solvent Cleaning and Stripping Operations

- Cold Solvent Cleaning – Any cleaning that is conducted in a tank, drum, or other container that uses non-boiling solvent to remove contaminants.

Rule 67.6.1 – Exemptions

- Does not apply to wipe cleaning operations or cleaning of application equipment
- Small cold solvent cleaning or stripping equipment (tank with a liquid surface area of one square foot (0.09 square m) or less, or with a capacity of one gallon (3.8 L) or less.
- Operations exclusively using water-based material with a VOC content 50 g/l or less. Records of the VOC content of the materials used must be kept

Rule 67.6.1 – Standards

- VOC content limit for solvents used = 50 g/l or less
- Cover that completely covers the solvent when work is not being done
- Allow for cleaned parts to drain back to the container before removing from tank

Rule 67.6.1 – Standards

- No liquid leaks
- Solvent spray needs to be continuous stream (No fine, atomized or shower spray)
- No porous or absorbent materials should be cleaned in the degreaser (cloth, leather, wood or rope)

Recordkeeping – Rule 67.6.1

- Operating requirements posted near cleaning operation
- Keep track of solvents added to and removed from cleaning equipment
- Keep MSDS or specification sheet for solvents used

New Rule 67.20.1- Motor Vehicle Coating Operations

- Need a Permit if you apply more than 20 gallons per consecutive 12-month period.
- Adoption of Rule 67.20.1 - 6/30/10
 - All new facilities shall comply upon initial startup
 - All Existing facilities shall comply no later than 6/30/11

Rule 67.20.1 NEW REQUIREMENTS

- Prohibitions of
 - Manufacture or sale of non-complying materials
 - Possession of non-complying materials at automotive refinishing facilities
- Labeling and additional product documentation requirements for manufacturers and suppliers

Rule 67.20.1 NEW REQUIREMENTS

- Coatings
 - Lower VOC content limits for most coatings
- Cleaning Materials
 - Lower VOC content limit for cleaning material to 25 grams/liter (0.21lbs/gal)

Rule 67.17: Open Containers

- All containers used to store, transfer, apply, or otherwise employ VOC shall be kept closed when not in use
 - Includes all VOC containing materials (new material, waste material, rags containing VOC, etc...) in containers with a capacity greater than one pint.



Toxic Air Contaminants

- Uses of methylene chloride, perchlorethylene or trichloroethylene are prohibited
- Brake Cleaner, Carburetor or Fuel injection air intake cleaners, engine degreaser or general purpose degreaser

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Questions?