

RULE 453 CUTBACK AND EMULSIFIED ASPHALT PAVING MATERIALS
(Amended 8-13-81, 8-31-82)

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100 GENERAL

- 101 **PURPOSE:** To limit emissions of volatile organic compounds from the use of cutback and emulsified asphalt in paving materials, paving and maintenance operations.
- 110 **EXEMPTION: USE OUTSIDE OF COUNTY:** The provisions of Sections 301 and 302 of this rule do not apply to the use of cutback asphalt or emulsified asphalt in the manufacturing of paving materials where such materials are for immediate shipment and eventual use outside of the County of Sacramento, State of California.
- 111 **EXEMPTION: USE AS PENETRATING PRIME COAT:** The provisions of Section 301 of this rule do not apply to the use of medium cure cutback asphalt as a penetrating prime coat until such time as the Air Pollution Control Officer determines that a suitable substitute material is available. This exemption shall be evaluated annually.

200 DEFINITIONS

- 201 **ASPHALT:** Dark brown to black cementitious material (solid, semi-solid, or liquid in consistency) of which the main constituents are bitumens which occur naturally or as a residue of petroleum refining.
- 202 **CUTBACK ASPHALT:** Paving grade asphalts liquefied with petroleum distillate and conforming to specifications of the American Society for Testing & Materials (ASTM) as follows:
- | | |
|-------------------|---------------|
| Rapid Cure Type: | ASTM D2028-76 |
| Medium Cure Type: | ASTM D2027-76 |
| Slow Cure Type: | ASTM D2026-72 |
- 203 **EMULSIFIED ASPHALT:** Rapid, medium, or slow setting grade as described under Section 94 of the January 1981, State of California Department of Transportation Standard Specifications.
- 204 **PENETRATING PRIME COAT:** Any application of asphalt to an absorptive surface to penetrate that surface, to bind the aggregate, and/or promote adhesion to new construction. Dust pallatives or tack coats shall not be included in this definition.

300 STANDARDS

- 301 **CUTBACK ASPHALT:** A person shall not manufacture for sale nor use for paving, road construction or road maintenance any:
- Rapid or medium cure cutback asphalt;
 - Slow cure cutback asphalt containing organic compounds which evaporate at 260°C (500°F) or lower as determined by ASTM Method D402 or other test method as approved by the Air Pollution Control Officer.
- 302 **EMULSIFIED ASPHALT:** A person shall not manufacture for paving, road construction or road maintenance any emulsified asphalt containing organic compounds which evaporate at 260°C (500°F) or lower as determined by ASTM Method D244, or other test method as approved by the Air Pollution Control Officer, in excess of:
- 302.1 Effective January 1, 1982:
- Slow setting type, 3% by volume.
 - Rapid setting type, 3% by volume.
 - Medium setting type for use with open graded aggregate, 8% by volume.
 - Medium setting type for use with dense graded aggregate, 12% by volume.
- 302.2 Effective January 1, 1984:
- Medium setting type for use with any aggregate, 3% by volume.

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