

**REGULATION 8
ORGANIC COMPOUNDS
RULE 15
EMULSIFIED AND LIQUID ASPHALTS**

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REGULATION 8
ORGANIC COMPOUNDS
RULE 15
EMULSIFIED AND LIQUID ASPHALTS

(Adopted March 21, 1979)

8-15-100 GENERAL

8-15-101 Description: The purpose of this Rule is to limit the emissions of volatile organic compounds caused by the use of Emulsified and Liquid asphalt in paving materials and paving and maintenance operations. (Amended September 16, 1987)

8-15-110 Deleted September 16, 1987

8-15-111 Deleted September 16, 1987

8-15-112 Exemptions, Cool Weather: The requirements of Section 8-15-302 (medium-cure liquid asphalt) shall not apply when the National Weather Service forecasts that atmospheric temperature for the 24-hour period following application will not exceed 10oC (50oF). (Amended September 16, 1987)

8-15-200 DEFINITIONS

8-15-201 Asphalt: The dark brown to black cementitious material (solid or liquid) of which the main constituents are bitumens which occur naturally or as a residue of petroleum refining.

8-15-202 Liquid Asphalt: Any asphalt which has been liquified by blending with petroleum solvents. (Amended September 16, 1987)

8-15-203 Emulsified Asphalt: Any asphalt liquified with water containing an emulsifier.

8-15-204 Medium-cure Liquid Asphalt: A liquid asphalt which meets the standard specifications of ASTM Designation D2027. (Amended September 16, 1987)

8-15-205 Paving Material: A mixture consisting mainly of an asphalt and aggregate.

8-15-206 Paving and Maintenance Operations: All activities involved in the new construction and maintenance of roadways and parking areas.

8-15-207 Deleted September 16, 1987

8-15-208 Rapid-cure Liquid Asphalt: A liquid asphalt which meets the standard specifications of ASTM Designation D2028. (Amended September 16, 1987)

8-15-209 Slow-cure Liquid Asphalt (Road Oil): A liquid asphalt which meets the standard specifications of ASTM Designation D2026. For purposes of this Regulation, Road Oil and Slow-cure Liquid Asphalt shall be synonymous. (Amended September 16, 1987)

8-15-300 STANDARDS

8-15-301 Rapid-cure Liquid Asphalt: A person shall not use any rapid-cure liquid asphalt in paving material or in paving and maintenance operations. (Amended September 16, 1987)

8-15-302 Medium-cure Liquid Asphalt: A person shall not use, except as provided in Section 8-15-112, any medium-cure liquid asphalt in paving material or in paving and maintenance operations. (Amended September 16, 1987)

8-15-303 Emulsified Asphalt: A person shall not use any emulsified asphalt containing petroleum solvents in excess of 3% by volume in paving material or in paving and maintenance operations. (Amended September 16, 1987)

8-15-304 Slow-cure Liquid Asphalt (Road Oil): A person shall not use any slow-cure liquid asphalt which contains more than 0.5 percent by volume of petroleum solvents which boil at less than 260oC (500oF) as determined by ASTM Distillation Method D402 in paving material or in paving and maintenance operations. (Adopted September 16, 1987)

8-15-305 Prohibition of Manufacture and Sale: No person shall manufacture, offer for sale or sell a liquid asphalt or emulsified asphalt product if such product is prohibited by any of the provisions of this rule. The prohibition of this section shall apply to the manufacture and sale of any liquid asphalt or emulsified asphalt product which will be applied at any physical location within the District.

(Adopted September 16, 1987)

8-15-306 Prohibition of Specification: No person shall require for use or specify the application of a liquid asphalt or emulsified asphalt product if such product is prohibited by any of the provisions of this rule. The prohibition of this Section shall apply to all written or oral contracts under the terms of which any liquid asphalt or emulsified asphalt product is to be applied at any physical location within the District.

(Adopted September 16, 1987)

8-15-500 MONITORING AND RECORDS

8-15-501 Records: Any person who manufactures, sells, or offers for sale liquid asphalts and emulsified asphalts which contain solvents shall comply with the following requirements:

501.1 Maintain records showing the types and amounts of liquid asphalts and emulsified asphalts which contain solvents produced, sold, or applied, and the destination of these products.

501.2 Such records shall be retained and available for inspection by the APCO for the previous 24-month period.

(Adopted September 16, 1987; Amended June 1, 1994)

8-15-600 MANUAL OF PROCEDURES

8-15-601 Analysis of Liquid Asphalt Samples: Samples of volatile organic compounds as specified in Sections 8-15-301, 302 and 304 shall be analyzed in accordance with ASTM Distillation Method D402.

(Adopted September 16, 1987)

8-15-602 Analysis of Emulsified Asphalt Samples: Samples of volatile organic compounds as specified in Section 8-15-303 shall be analyzed in accordance with ASTM Distillation Method D244.

(Adopted September 16, 1987)