**06-096 DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Chapter 119: Motor Vehicle Fuel Volatility Requirements

**SUMMARY**: This regulation requires that all gasoline that is received by bulk gasoline terminals and all gasoline that is delivered to gasoline service stations or bulk gasoline plants shall have a Reid Vapor Pressure no greater than 9.0 psi during the period from May 1 through September 15 of each calendar year.

**1. Scope/Applicability.** This regulation applies statewide.

**2. Definitions**

1. **Bulk gasoline plant**. "Bulk gasoline plant" means a gasoline storage and distribution facility with a daily throughput of 20,000 gallons or less whose purpose is to load gasoline into tank trucks.

B. **Bulk gasoline terminal**. "Bulk gasoline terminal" means a gasoline storage facility which receives gasoline from refineries primarily by pipeline, ship, or barge, and delivers gasoline to bulk gasoline plants or to commercial or retail accounts primarily by tank truck, and has a daily throughput of more than 76,000 liters (20,000 gallons) of gasoline.

C. **Reid Vapor Pressure**. "Reid Vapor Pressure" (RVP) means the standardized measure of the vapor pressure of a liquid fuel in pounds per square inch absolute at 100°F.

**3. Prohibition.** No owner or operator of any bulk gasoline terminal, nor any person who delivers gasoline directly to a gasoline service station or a bulk gasoline plant, shall dispense, sell, or supply as fuel for motor vehicles any gasoline having a RVP greater than 9.0 pounds per square inch during the period from May 1 through September 15 of any calendar year.

**4. Reid Vapor Pressure Testing.** For purposes of showing compliance with this regulation, sampling shall be conducted using one of the sampling methodologies specified in ASTM D4057 as published in June of 2022, ASTM D5842 as published in December of 2019, or ASTM D4177 as published in August of 2022; and any emission test or fuel test required by the Department shall be conducted in accordance with ASTM D5191 as published in August of 2022, or any other method approved by the Commissioner and the United States Environmental Protection Agency.

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NOTE: Copies of the materials incorporated by reference are available from the Department by calling 207-287-2811.

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**5. Records.** Any owner or operator of a bulk gasoline terminal shall maintain records of the RVP, oxygen content, oxygenate, benzene, aromatics, and sulfur content for each shipment of gasoline delivered to such terminal. Any person who delivers gasoline directly to a gasoline service station or bulk gasoline plant, and any owner of a gasoline service station or bulk gasoline plant, shall maintain records which show at a minimum the RVP of each shipment of gasoline received, the date on which the gasoline is received, and the identity of the person receiving the gasoline. Such records shall be maintained for at least three years and shall be available for inspection during normal business hours, and copies shall be provided to the Department upon request.

Any owner or operator of a bulk gasoline terminal shall report to the Department on a quarterly basis data on the RVP, oxygen content, oxygenate, benzene, aromatics, and sulfur content for each shipment of gasoline received by such terminal.

Any company with more than one gasoline dispensing facility may maintain such records at its central office. However, each gasoline dispensing facility of the company must maintain records on the premises for at least the most recent 12-month period.

**6**. **Severability.** Each Section and Subsection of this Chapter shall be deemed severable, and in the event that any Section of this Chapter is held invalid, the remainder shall continue in full force and effect.

**AUTHORITY**: 38 M.R.S., Section 585, 585‑A, 585-C,

Section 110, *Clean Air Act of 1990*

**EFFECTIVE DATE**:

September 21, 1988

Amended October 25, 1989

Amended November 3, 1990

Amended September 28, 1996

Amended March 14, 1999

Amended June 1, 2000

Amended July 15, 2015, filing 2015-110 (Major substantive)

Amended September 14, 2023, filing 2023-130 (Major substantive)

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