RULE 213 GASOLINE TRANSFER INTO STATIONARY STORAGE CONTAINERS

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CONTENTS

100 GENERAL

101 APPLICABILITY
102 EXEMPTIONS

200 DEFINITIONS

201 AVERAGE MONTHLY THROUGHPUT
202 CARB CERTIFIED
203 GASOLINE
204 GASOLINE BULK PLANT
205 GASOLINE VAPORS
206 LEAK FREE
207 REID VAPOR PRESSURE
208 SUBMERGED FILL PIPE
209 VAPOR TIGHT
210 VAPOR TIGHT GASOLINE CARGO TANK

300 STANDARDS

301 TRANSFER PROVISIONS
302 PROHIBITION OF SALE

400 ADMINISTRATIVE REQUIREMENTS

401 RECORDKEEPING
402 TEST METHODS

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100 GENERAL

101 APPLICABILITY

101.1 The provisions of this rule shall apply to the transfer of gasoline into any stationary storage containers, except as provided in Section 102 of this rule.

102 EXEMPTIONS

102.1 The provisions of this Rule shall not apply to the transfer of gasoline into any stationary storage container:

102.1.1 Which has a capacity of less than 550 gallons and is used exclusively for the fueling of implements of husbandry as such vehicles are defined in Division 16 (Section 36000 et seq.) of the California Vehicle Code, if such container is equipped with a permanent submerged fill pipe.

102.1.2 With a capacity of 2,000 gallons or less and installed before January 1, 1979, if such container is equipped with a permanent submerged fill pipe.

102.2 The white paint provision of Standing Loss Vapor Recovery Control shall not apply to vertical, cylindrical, aboveground storage tanks over 15,000 gallons in capacity that use a combustion type vapor processor.

200 DEFINITIONS

201 AVERAGE MONTHLY THROUGHPUT: The total gasoline unloaded and dispensed in the most recent full calendar year from the facility's storage tanks divided by twelve.

202 CARB CERTIFIED: A vapor recovery system, equipment, or any component thereof, for which the CARB has evaluated its performance and issued a valid Executive Order pursuant to California Health and Safety Code Section 41954. Each component of a system that is a separate CARB certified item cannot be replaced with a non-certified item or other items that are not certified for use with the particular system. Except for qualified repairs, a CARB certified component shall be as supplied by the qualified manufacturer. A rebuilt component shall not be deemed as CARB certified unless the person who rebuilds the component is authorized by CARB to rebuild the designated CARB certified component.

203 GASOLINE: Any petroleum distillate having a Reid vapor pressure of four pounds or greater.

204 GASOLINE BULK PLANT: A distributing facility, with a throughput less than or equal to 20,000 gallons a day, which receives gasoline, stores it in stationary tanks, and loads it into tank trucks for delivery to service stations or other distribution points.

205 GASOLINE VAPORS: The displaced vapors including any entrained liquid gasoline.

206 LEAK FREE: A liquid leak of less than three drops per minute excluding losses which occur upon disconnecting transfer fittings, provided such disconnect losses do not exceed 10 milliliters (0.34 fluid ounces) per disconnect, averaged over three disconnects.

207 REID VAPOR PRESSURE: The absolute vapor pressure of volatile petroleum liquids, except liquefied petroleum gases, as determined in accordance with ASTM-323-89.

208 SUBMERGED FILL PIPE: Any fill pipe, the discharge opening of which is entirely submerged when the liquid level is 6.0 inches above the bottom of the container. "Submerged fill pipe" when applied to a container which is loaded from the side is defined as any fill pipe the discharge opening of which is entirely submerged when the liquid level is 18.0 inches above the bottom of the container.

209 VAPOR TIGHT: The concentration of total hydrocarbons, measured 1 cm from any source, not to exceed 10,000 ppm (expressed as methane) above background, as determined by EPA Reference Method 21.

210 VAPOR TIGHT GASOLINE CARGO TANK: A leak that does not exceed the standards as specified in EPA Reference Test Method 27.

300 STANDARDS

301 TRANSFER PROVISIONS

301.1 A person shall not transfer or permit the transfer of gasoline from any tank truck or trailer into any stationary storage container with a capacity of more than 250 gallons unless such container is provided with a permanent submerged fill pipe and unless such transfer is made under the following conditions:

301.1.1 The displaced gasoline vapors or gases are processed by a vapor recovery system that shall collect at least 95 percent by weight, as determined by CARB Test Procedure TP-201.1A, of the hydrocarbon vapors vented during filling of the stationary storage container and the system is CARB certified.

301.1.2 Transfer is made to a storage container equipped as required in RULE 212, STORAGE OF ORGANIC LIQUIDS.

301.2 Loading shall be accomplished in such a manner that all displaced vapor and air will be vented only to the vapor recovery system. Measures shall be taken to ensure that the loading device is leak free when it is not in use and to accomplish complete drainage before the loading device is disconnected.

301.3 The vapor recovery system shall be maintained and operated so that it does not cause the pressure in a gasoline delivery vessel to exceed 18 inches water gauge or the vacuum to exceed 6 inches water gauge.

301.4 All vapor recovery equipment and gasoline loading equipment shall be maintained in good working order and shall be leak free and vapor tight.

301.5 In no instance shall the gasoline loading operations exceed the capacity of the vapor processing unit.

301.6 No person shall store gasoline in or otherwise use or operate any gasoline delivery vessel unless such vessel is designed and maintained to be leak free and vapor tight. Any delivery vessel into which gasoline vapors have been transferred, shall be refilled only at a gasoline bulk plant or terminal that is equipped with a system that prevents at least 95 percent by weight of the gasoline vapors displaced from entering the atmosphere.

301.7 A person shall not operate any gasoline loading facility which is not subject to the provisions of RULE 215, TRANSFER OF GASOLINE INTO TANK TRUCKS, TRAILERS AND RAILROAD TANK CARS AT LOADING FACILITIES unless the

facility is equipped and operated with a system or systems to prevent the release to the atmosphere of at least 95 percent by weight, as determined by the applicable CARB Test Procedures, of the gasoline vapors displaced during the filling of the facility's stationary storage containers.

301.8 After April 1, 2013, transfer is made to an aboveground storage container equipped for Standing Loss Vapor Recovery Control as certified by the California Air Resources Board pursuant to Certification Procedure CP-206.

302 PROHIBITION OF SALE: A person shall not supply, offer for sale, sell, install or allow the installation of any new or rebuilt vapor recovery system or any of its components, unless the system and component are CARB certified. Each vapor recovery system and its components shall be clearly and permanently marked with the qualified manufacturer's name and model number as certified by CARB. In addition, any qualified manufacturer who rebuilds a component shall also clearly and permanently mark the corresponding information on the component.

400 ADMINISTRATIVE REQUIREMENTS

401 RECORDKEEPING

401.1 The owner or operator of any facility subject to the provisions of this rule shall prepare a daily log of the throughput and a summary of the throughput for the calendar year to date of the liquid compounds subject to the provisions of this rule. Such records shall be maintained at the facility for at least 2 years and shall be made available to the APCO upon request.

401.2 Records shall include the number of gasoline storage tanks serviced and their respective capacities in gallons.

401.3 In addition to the recordkeeping requirements specified herein, all provisions of RULE 410, RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSION when applicable, must still be adhered to.

402 TEST METHODS: Test methods for compliance testing for this rule shall be methods adopted by the Air Resources Board pursuant to California Health and Safety Code section 41954(h), and are those test methods listed in the Executive Order(s) for the specific Air Resources Board certified equipment installed.

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