

**PROPOSED                      GASOLINE TRANSFER AND DISPENSING FOR MOBILE  
RULE 461.1                      FUELING OPERATIONS**

(a) Purpose

The purpose of this rule is to reduce emissions of volatile organic compounds and toxic emissions from mobile fueling operations.

(b) Applicability

This rule applies to an owner or operator of a Mobile Fueler that conducts retail or non-retail operations. This rule also applies to any person that:

- (1) Conducts any test for a Mobile Fueler;
- (2) Installs, repairs, maintains, supplies, sells, or offers for sale components of a Mobile Fueler; or
- (3) Manufactures CARB Certified Control Equipment or the associated components thereof.

(c) Definitions

For the purpose of this rule, the following definitions shall apply:

- (1) **BREAKAWAY COUPLING** means a component attached to the hose, which allows the safe separation of the hose from the Mobile Fueler Cargo Tank or the hose from the nozzle in the event of a forced removal such as in the case of a drive-off.
- (2) **CARB CERTIFIED** means the California Air Resources Board (CARB) has evaluated performance of the referenced system or component and included them in a valid Executive Order pursuant to Health and Safety Code Section 41954.
- (3) **CARGO TANK** means a container and associated equipment that is used to store, Transfer, and Dispense Gasoline.
- (4) **COAXIAL HOSE** means a hose that contains two passages one within the other. One of the passages is for Dispensing the liquid Gasoline into the Motor Vehicle fuel tank while the other passage allows for the Gasoline vapors from the Motor Vehicle fuel tank to travel to the Cargo Tank.
- (5) **CONTROL EQUIPMENT** means a Phase I Vapor Recovery System, a Phase II Vapor Recovery System, or a Non-Vapor Recovery Components for Dispensing.

- (6) CUMULATIVE CAPACITY means the Mobile Fueler's combined storage capacity of each Cargo Tank that is on a Mobile Fueler at a given time, excluding one individual portable fuel container with a capacity up to 6.6 gallons.
- (7) DISPENSE or DISPENSING means the Transfer of Gasoline from a Mobile Fueler into a Motor Vehicle, equipment, or container using a nozzle or spout.
- (8) DISPENSING LOCATION means one or more contiguous properties, in actual physical contact or separated solely by a public roadway or other public right-of-way, owned or operated by the same person (or by persons under common control), in which Gasoline is dispensed from a Mobile Fueler.
- (9) DRY BREAK means a Phase I Vapor Recovery System component that opens only by connection to a mating device to ensure that no Gasoline Vapors escape from the storage tank before the vapor return line is connected and sealed.
- (10) EMERGENCY means any sudden, unexpected occurrence involving a clear and imminent danger, demanding immediate action to prevent or mitigate the loss of, or damage to, life, health, property, or essential public services caused by either air pollution, fire, flood, storm, epidemic, riot, drought, cyberterrorism, sudden and severe energy shortage, plant or animal infestation or disease, the Governor's warning of an earthquake or volcanic prediction, or an earthquake.
- (11) GASOLINE means any petroleum distillate or petroleum distillate and alcohol blend having a True Vapor Pressure greater than 200 mm Hg (3.9 psi) and less than 760 mm Hg (14.7 psi) at 100 degrees F as determined by ASTM Method D323-89.
- (12) GASOLINE VAPORS are the organic compounds in vapor form displaced during Gasoline Transfer and Dispensing operations and includes entrained liquid Gasoline.
- (13) INSERTION INTERLOCK MECHANISM means any CARB Certified mechanism that ensures a tight fit at the nozzle fill pipe interface and prohibits the dispensing of gasoline unless the bellows are compressed.
- (14) INSTALLER OR CONTRACTOR means a person(s) engaged in the installation of new or alterations of an existing CARB Certified Control Equipment and the associated components thereof.

- (15) LIQUID TIGHT means a liquid leak rate not exceeding three drops per minute.
- (16) MOBILE FUELER means a Motor Vehicle that has one or more Cargo Tanks on-board or tows one or more Cargo Tanks.
- (17) MOTOR VEHICLE means a self-propelled vehicle by which any person or property may be propelled, moved, or drawn upon a highway.
- (18) NON-RETAIL MOBILE FUELER means a Mobile Fueler with a Cumulative Capacity greater than 120 gallons and the owner or operator of the Mobile Fueler is not compensated for the Transfer or Dispensing of gasoline.
- (19) NON-VAPOR RECOVERY COMPONENTS FOR DISPENSING means dispensing components that consist of low permeation conventional hose assemblies and enhanced conventional nozzles installed on a Mobile Fueler.
- (20) PERFORMANCE TEST means the first test or series of tests performed on a new or altered CARB Certified Phase I Vapor Recovery System or CARB Certified Phase II Vapor Recovery System to demonstrate compliance with the CARB Executive Order and South Coast AQMD permit to operate conditions upon completion of construction or alteration of the vapor recovery system.
- (21) PHASE I VAPOR RECOVERY SYSTEM means a system installed on a Mobile Fueler Cargo Tank for the collection and recovery of Gasoline Vapors displaced or emitted during the Transfer of Gasoline into and from a Mobile Fueler Cargo Tank.
- (22) PHASE II VAPOR RECOVERY SYSTEM means a system installed on a Mobile Fueler Cargo Tank for the collection and recovery of Gasoline Vapors displaced or emitted during the Dispensing of Gasoline from a Mobile Fueler Cargo Tank into a Motor Vehicle fuel tank.
- (23) QUALIFIED MANUFACTURER means the original equipment manufacturer of the CARB Certified Control Equipment or any associated component thereof, or a rebuilder who is authorized by CARB to rebuild the designated CARB Certified component.

- (24) **REBUILD** means an action that repairs, replaces, or reconstructs any part of a component of a CARB Certified Control Equipment that forms the Gasoline Vapor passage of the component, or that comes in contact with the recovered Gasoline Vapors in the component. Rebuild does not include the replacement of a complete component with another CARB Certified complete component; nor does it include the replacement of a spout, bellows, or vapor guard of a CARB Certified nozzle.
- (25) **RETAIL MOBILE FUELER** means a Mobile Fueler with a Cumulative Capacity greater than 10 gallons and the owner or operator of the Mobile Fueler is compensated for the Transfer or Dispensing of Gasoline.
- (26) **REVERIFICATION TEST** means a test or series of tests performed subsequent to the Performance Test on a CARB Certified Phase I Vapor Recovery System or a CARB Certified Phase II Vapor Recovery System to demonstrate compliance with the CARB Executive Order and South Coast AQMD permit to operate conditions.
- (27) **SCHOOL** means any public or private school, including juvenile detention facilities with classrooms, used for the education of more than 12 children at the school in kindergarten through grade 12. A School also includes an Early Learning and Developmental Program by the U.S. Department of Education or any state or local early learning and development programs such as preschools, Early Head Start, Head Start, First Five, and Child Development Centers. A School does not include any private school in which education is primarily conducted in private homes. The term School includes any building or structure, playground, athletic field, or other area of School property.
- (28) **SPILL BOX** means an enclosed container around a Phase I Vapor Recovery System fill pipe that is designed to collect Gasoline spillage resulting from disconnection between the liquid Gasoline delivery hose and the fill pipe.
- (29) **TRANSFER** means the loading of Gasoline into a Mobile Fueler or unloading Gasoline out of a Mobile Fueler, except when Dispensing.
- (30) **VAPOR CHECK VALVE** means a valve that opens and closes the vapor passage to the Cargo Tank to prevent Gasoline Vapors from escaping when the nozzle is not in use.
- (31) **VAPOR TIGHT** means the detection of less than 10,000 ppm hydrocarbon concentration, as determined by EPA Method 21, using an appropriate analyzer calibrated with methane.

(d) Vapor Recovery Requirements for Mobile Fuelers

(1) Gasoline Transfer (Phase I Vapor Recovery)

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall not Transfer Gasoline unless each Mobile Fueler Cargo Tank, excluding one individual portable fuel container with a capacity up to 6.6 gallons of gasoline, is equipped with a CARB Certified Phase I Vapor Recovery System certified pursuant to CARB's CP-204, Certification Procedures for Vapor Recovery Systems of Cargo Tanks.

(2) Motor Vehicle Gasoline Dispensing (Phase II Vapor Recovery)

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall not Dispense Gasoline into a Motor Vehicle unless:

- (A) Each Mobile Fueler Cargo Tank, excluding one individual portable fuel container with a capacity up to 6.6 gallons of gasoline, is equipped with a CARB Certified Phase II Vapor Recovery System certified pursuant to CARB's CP-205, Certification Procedure for Vapor Recovery Systems of Novel Facilities, using TP-205.2, Test Procedure for Determination of Efficiency of Phase II Vapor Recovery of Novel Facilities, to be capable of recovering or processing displaced Gasoline Vapors by at least 95%, or having an emission factor not exceeding 0.38 pounds per 1,000 gallons, as applicable;
- (B) CARB has issued an Executive Order certifying the Mobile Fueler;
- (C) The CARB Certified Phase II Vapor Recovery System and the associated components thereof are Vapor Tight and Liquid Tight while Dispensing Gasoline into a Motor Vehicle;
- (D) Each nozzle is equipped with a CARB Certified Insertion Interlock Mechanism and a CARB Certified Vapor Check Valve that is located in the nozzle; and
- (E) Each Gasoline-Dispensing nozzle is equipped with a Coaxial Hose as specified in the applicable CARB Executive Order.

- (3) In lieu of compliance with paragraph (d)(2), an owner or operator may temporarily use a CARB Certified Mobile Fueler equipped with Non-Vapor Recovery Components for Gasoline Dispensing, certified pursuant to CARB's CP-205, Certification Procedure for Vapor Recovery Systems of Novel Facilities, provided the owner or operator:

- (A) Does not Dispense into anything other than a Motor Vehicle equipped with an onboard refueling vapor recovery (ORVR) system;
  - (B) Has an Executive Order issued by CARB certifying the Mobile Fueler;
  - (C) In addition to the recordkeeping required by subdivision (k), for each occurrence that the Mobile Fueler Dispenses Gasoline into a Motor Vehicle, records the following vehicle information:
    - (i) License plate;
    - (ii) Make;
    - (iii) Model;
    - (iv) Year;
    - (v) Vehicle identification number; and
  - (D) On or before the 20th of each calendar month, provides the monthly Gasoline dispensing records required by subparagraph (d)(3)(C) for the previous calendar month to the Executive Officer in an approved format.
- (4) No later than 60 months after the Executive Officer issues a notification that CARB has certified at least two Mobile Fuelers equipped with a Phase II Vapor Recovery Systems, the owner or operator of a Mobile Fueler shall:
- (A) Operate a Mobile Fueler that Dispenses Gasoline into a Motor Vehicle that meets the requirements of paragraphs (d)(2); and
  - (B) Not operate a Mobile Fueler that was temporarily allowed to operate in lieu of compliance with paragraph (d)(3).
- (e) Mobile Fueling Cargo Tank Requirements
- (1) The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall not Dispense Gasoline into a Motor Vehicle unless the Mobile Fueler's Cumulative Capacity does not exceed 5,000 gallons.
  - (2) The owner or operator of a Retail Mobile Fueler shall not Dispense Gasoline unless equipped with a non-resettable totalizer that accurately registers the quantity of Gasoline Dispensed from the Mobile Fueler, except the Gasoline Dispensed from one individual portable fuel container with a capacity up to 6.6 gallons of Gasoline.
  - (3) The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall not have more than one individual portable fuel container with a capacity up to 6.6 gallons of Gasoline on-board the Mobile Fueler.

(f) Operational Requirements

- (1) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall not store Gasoline in open container(s) of any size or handle Gasoline in any manner (spillage, spraying, etc.) that allows Gasoline liquid or Gasoline Vapors to enter the atmosphere, contaminate the ground, or the sewer.
- (2) The owner or operator of a Mobile Fueler shall not equip nor use a Dispensing hose that exceeds 75 feet in length.
- (3) Dispensing of Gasoline from a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall only be conducted by the owner or operator of the Mobile Fueler.
- (4) The owner or operator of a Mobile Fueler that receives a South Coast AQMD “Out of Order” tag shall comply with Attachment A – Out of Order Protocol.

(5) CARB Certified Equipment Requirements

The owner or operator of a Mobile Fueler with a Cargo Tank equipped with CARB Certified Control Equipment shall:

- (A) Operate the CARB Certified Control Equipment, and the associated components thereof in accordance with the manufacturer's specifications and the applicable CARB Executive Orders including the corresponding CARB approved Installation, Operation and Maintenance Manual;
- (B) Maintain all applicable vapor return lines connected to the Mobile Fueler;
- (C) Operate and maintain the CARB Certified Phase I Vapor Recovery System and the CARB Certified Phase II Vapor Recovery System with no major defect which means a defect listed in California Code of Regulations, Title 17, Part III, Chapter 1, Subchapter 8, Section 94006;
- (D) If equipped with a CARB Certified Phase II Vapor Recovery System, maintain the CARB Certified Phase II Vapor Recovery System and the associated components thereof Vapor Tight and Liquid Tight;
- (E) If equipped with CARB Certified Non-Vapor Recovery Components for Dispensing, maintain the CARB Certified Non-Vapor Recovery

Components for Dispensing and the associated components thereof  
Liquid Tight;

- (F) Maintain the CARB Certified Phase I Vapor Recovery System and the associated components thereof to be Vapor Tight and Liquid Tight, except when the Cargo Tank dome hatch is open;
- (G) Only Transfer or allow the Transfer of Gasoline through bottom loading into the Cargo Tank of a Mobile Fueler from a facility equipped with a CARB Certified Phase I Vapor Recovery System;
- (H) Not top load into a Cargo Tank of a Mobile Fueler;
- (I) Equip all fill tubes with Vapor Tight caps;
- (J) Equip all dry breaks with Vapor Tight seals and Vapor Tight caps;
- (K) Maintain each Vapor Tight cap in a closed position, except when the fill tube or Dry Break it serves is actively in use;
- (L) Equip each Cargo Tank and, if applicable, each Cargo Tank compartment with an overfill protection device that is designed to automatically close valves or shut down pumps to stop the Transfer of Gasoline;
- (M) If equipped with a CARB Certified Spill Box, maintain the CARB Certified Spill Box to be free of debris and other foreign matter at all times and only allow standing liquid immediately preceding a Gasoline Transfer;
- (N) Keep the Cargo Tank dome hatch closed and latched, unless the owner or operator must access the interior of the Cargo Tank for scheduled maintenance and repairs that has been documented in the repair logs pursuant to subparagraph (k)(10)(B) prior to opening the Cargo Tank dome hatch;
- (O) Keep the Cargo Tank dome hatch closed and latched when Transferring or Dispensing Gasoline;
- (P) If a Breakaway Coupling is installed, only install a Breakaway Coupling that is CARB Certified; and
- (Q) Equip any Breakaway Coupling with a poppet valve, which shall close and maintain both the Gasoline Vapor and liquid lines Vapor Tight and Liquid Tight when the Breakaway Coupling is separated.



(g) Mobile Fueling Location Requirements

- (1) The owner or operator of a Retail Mobile Fueler shall not Transfer or Dispense Gasoline at a Dispensing Location unless documentation was submitted pursuant to paragraph (m)(1) for that Dispensing Location.
- (2) The owner or operator of a Retail Mobile Fueler shall not Transfer or Dispense Gasoline at a Dispensing Location where a different owner or operator of a Retail Mobile Fueler has Transferred or Dispensed gasoline during the same calendar month.
- (3) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler that Dispenses Gasoline at a Dispensing Location that is 1,000 feet or less from a School, as measured from the property line of the School to the property line of the Dispensing Location, shall not Dispense Gasoline hours between the hours of 7:30 a.m. and 4:30 p.m. on days when the School is in session.
- (4) The owner or operator of a Retail Mobile Fueler shall not Transfer or Dispense Gasoline at a Dispensing Location, unless:
  - (A) The Dispensing Location is approved for operation of a Retail Mobile Fueler in writing by the responsible fire department or other designated fire authority; or
  - (B) A statement in writing from the responsible fire authority, city, or county that approval is not required has been provided to the Executive Officer.
- (5) The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall not Transfer or Dispense Gasoline on a public street, unless Dispensing into a Motor Vehicle or equipment that is responding to an Emergency or maintaining public infrastructure.
- (6) The owner or operator of a Retail Mobile Fueler shall only Transfer or Dispense Gasoline into a Motor Vehicle, equipment, or container that is located at the same Dispensing Location as the Mobile Fueler.

(h) Labeling Requirements for Mobile Fuelers

The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall post and maintain signage on a Mobile Fueler that meets the following:

- (1) States, “IF YOU SMELL ODORS OR OBSERVE GASOLINE LEAKS, CALL THE SOUTH COAST AQMD AT 1-800-CUT-SMOG”;

- (2) Located on both sides of the Mobile Fueler; and
  - (3) Written in letters are at least 3 inches in height and contrast against the background color.
- (i) Installation, Maintenance, and Repair Requirements
  - (1) The owner or operator of a Mobile Fueler with a Cargo Tank equipped with CARB Certified Control Equipment shall:
    - (A) Maintain the CARB Certified Control Equipment in accordance with the manufacturer's specifications and the applicable CARB Executive Orders including the corresponding CARB approved Installation, Operation and Maintenance Manual;
    - (B) Within seven days, repair or replace any component in the CARB Certified Control Equipment with a minor defect, which is not a major defect which means a defect listed in California Code of Regulations, Title 17, Part III, Chapter 1, Subchapter 8, Section 94006, pursuant to Section 41960.2(e) of the California Health and Safety Codes;
    - (C) Not replace any component of the CARB Certified Control Equipment with a component that is not CARB Certified for use with the particular system;
    - (D) Maintain any CARB Certified component as supplied by the qualified manufacturer, except if there was a repair or maintenance of the Gasoline Transfer and Dispensing equipment or Phase I Vapor Recovery system or Phase II Vapor Recovery System component that would restore the function or performance of such equipment/component following the qualified manufacturer's instructions and using only the applicable CARB Certified parts supplied by the qualified manufacturer; and
    - (E) Only allow a person who is authorized by CARB to rebuild the CARB Certified component.

- (2) The owner or operator of a Mobile Fueler equipped with CARB Certified Control Equipment shall not repair or replace breakaways, hoses, and nozzles with new or CARB Certified re-manufactured components of the same make and model, or alternative(s) specifically identified in the latest applicable CARB Executive Order without first successfully completing any relevant state certification program, through the International Code Council (ICC), or any equivalent state certification program required for the replacement of components.
- (3) Any Installer or Contractor shall not install, alter, repair, or replace CARB Certified Control Equipment, or any associated component thereof without first obtaining the applicable manufacturer's certification. This requirement shall not apply to the manufacturer of the mobile fueler.
- (4) Any Installer or Contractor shall not install, alter, repair, or replace CARB Certified Control Equipment, or any associated component thereof without first successfully completing any applicable state certification program, through the International Code Council (ICC), or any equivalent state certification program required for the installation and alteration of a vapor recovery system.
- (5) A person shall not supply, offer for sale, sell, install, or allow the installation of Control Equipment or the associated components thereof, unless all of the following are met:
  - (A) The Control Equipment and the associated components thereof are CARB Certified;
  - (B) The CARB Certified Control Equipment and the associated components thereof have the following information either directly stamped on or attached to the component using methods or materials that would endure long term use:
    - (i) Qualified manufacturer name;
    - (ii) Model number;
    - (iii) For nozzles, qualified manufacturer's unique serial number; and
    - (iv) Other identification information that is specified in the applicable CARB Executive Order.
- (6) Any qualified manufacturer who Rebuilds a component shall either directly stamp on or attach to the component using methods or materials that would endure long term use the information specified in subparagraph (i)(4)(B).

- (7) In the event of a separation due to a drive-off, the owner or operator of a Mobile Fueller with a Cargo Tank equipped with CARB Certified Control Equipment shall conduct a visual inspection of the affected equipment and either:
  - (A) Repair the equipment by:
    - (i) Repairing the Gasoline Transfer and Dispensing equipment, the component of the CARB Certified Control Equipment that would restore the function or performance of such equipment/component following the qualified manufacturer's instructions and using only the applicable CARB Certified parts supplied by the qualified manufacturer;
    - (ii) Testing the affected equipment, system, or component in accordance with applicable test methods as specified in the applicable CARB Executive Orders and the corresponding CARB approved Installation, Operation and Maintenance manual; and
    - (iii) Successfully passing the test prior to placing affected equipment, system, or component back in service; or
  - (B) Replace the affected nozzles, hoses, Breakaway Couplings, and any other damaged components with new or certified rebuilt components that are CARB Certified, before placing any affected equipment back in service.
- (8) Unless otherwise authorized by CARB, any person shall not conduct repair or maintenance specified in clause (i)(6)(A)(i) that changes the size, shape or materials of construction of any Gasoline Vapor passage, or if it may otherwise obstruct, hinder, or reduce the recovery of Gasoline Vapors during operation.
- (j) Self-Compliance Program Requirements
  - (1) The owner or operator of a Retail Mobile Fueller or Non-Retail Mobile Fueller shall conduct:
    - (A) Daily maintenance inspections pursuant to the protocol specified in Attachment B – Daily Maintenance Inspection Protocol which includes the date and time of inspection;
    - (B) Periodic compliance inspection at least once every twelve months pursuant to the protocol specified in Attachment C – Periodic

- Compliance Inspection Protocol which includes the date and time of inspection; and
- (C) Periodic maintenance that is consistent with the maintenance schedule as specified by the manufacturer of the applicable CARB Certified Control Equipment installed on the Cargo Tank of the Mobile Fueler.
- (2) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall develop and implement:
    - (A) A procedure to determine and record the next required test date preceding a successful test pursuant to subdivision (1);
    - (B) An employee training program that includes:
      - (i) Itemized training procedures for employees responsible for conducting any part of the self-compliance program;
      - (ii) A training schedule to periodically train any employee responsible for conducting any part of the self-compliance program;
      - (iii) A record for each employee of the dates of training provided and the next training date; and
      - (iv) A procedure to review and establish any additional necessary training following any changes or updates to the CARB Executive Order for the installed vapor recovery system.
  - (3) During the daily maintenance inspections or periodic compliance inspections, the owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler that identifies any equipment with a major defect in the CARB Certified Phase I Vapor Recovery System or the CARB Certified Phase II Vapor Recovery System, or a component thereof, which means a defect listed in California Code of Regulations, Title 17, Part III, Chapter 1, Subchapter 8, Section 94006, shall remove the equipment from service, and repair the equipment before returning the identified equipment to service.
  - (4) Defects discovered during self-inspection and are repaired shall not constitute a violation of Rule 461.1.

**(k) Recordkeeping****(1) Operation and Maintenance (O&M) Manual**

The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall implement a maintenance program and document the program in an O&M manual for the CARB Certified Control Equipment that includes the following:

- (A) Detailed instructions that ensure proper operation and maintenance of the installed CARB Certified Control Equipment and the associated components thereof in compliance with all applicable rules and regulations;
- (B) Reference(s) to all manufacturer required maintenance cycles as delineated in the CARB Executive Order;
- (C) All applicable CARB Executive Orders, approval letters, and South Coast AQMD permits to operate;
- (D) The manufacturer's specifications and instructions for installation, operation, repair, and maintenance required pursuant to CARB Certification Procedure CP-201, and any additional instructions provided by the manufacturer;
- (E) System and/or component testing requirements, including test schedules, and passing criteria for each of the standard tests listed under subparagraph (l)(1)(A); and
- (F) Additional O&M instructions, if any, that are designed to ensure compliance with the applicable rules, regulations, CARB Executive Orders, and South Coast AQMD permit to operate conditions, including replacement schedules for failure or wear prone components.

**(2) For each Dispensing Location, the owner or operator of a Retail Mobile Fueler shall maintain the following information:**

- (A) Name of the Dispensing Location;
- (B) South Coast AQMD facility ID unless one has not been issued;
- (C) Address(es) of the Dispensing Location;
- (D) County of the Dispensing Location;
- (E) Dispensing Location contact information for personnel that is authorized to grant South Coast AQMD staff access to the site to

conduct inspections of the Mobile Fueler operations that includes the following:

- (i) Name of the contact;
  - (ii) Title of the contact;
  - (iii) Telephone number for the contact; and
  - (iv) Email for the contact;
- (F) Documentation from the owner or operator of the Dispensing Location that the mobile fueling company would be the only mobile fueling company operating a Retail Mobile Fueler at the Dispensing Location; and
- (G) Documentation by the responsible fire department or fire authority to the owner or operator for either:
- (i) The written approval to conduct Transfer or Dispensing Gasoline from a Retail Mobile Fueler at the specified Dispensing Location; or
  - (ii) The written statement that approval of the Transfer or Dispensing of Gasoline from a Retail Mobile Fueler is not required at the specified Dispensing Location.
- (3) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler with a throughput limit per Dispensing Location shall maintain records for each day for each Dispensing Location, of the applicable information specified in Table 1 – Dispensing Information.

**Table 1 – Dispensing Information**

Requirements		Mobile Fueler Category	
		Retail	Non-Retail
1.1	Date of Dispensing	Yes	Yes
1.2	Start time of Dispensing at the Dispensing Location	Yes	Yes
1.3	End time of Dispensing at the Dispensing Location	Yes	Yes
1.4	South Coast AQMD permit to operate for the Mobile Fueler	Yes	Yes
1.5	South Coast AQMD facility ID for the Dispensing Location	Yes, if applicable	Yes, if applicable

1.6	Name of the Dispensing Location	Yes	Yes
1.7	Address of the Dispensing Location	Yes	Yes
1.8	County of the Dispensing Location	Yes	Yes
1.9	Total gallons of each type of Gasoline Dispensed	Yes	Yes

- (4) The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall maintain records of the information specified in Table 2 – Transfer Information for each Transfer of Gasoline.

**Table 2 – Transfer Information**

Requirements		Mobile Fueler Category	
		Retail	Non-Retail
2.1	Date of Transfer	Yes	Yes
2.2	Start time of Transfer	Yes	Yes
2.3	South Coast AQMD permit to operate for Mobile Fueler	Yes	Yes
2.4	Identification of Cargo Tank Transferring the gasoline and capacity in gallons	Yes	Yes
2.5	Identification of compartment Transferring the Gasoline and compartment capacity in gallons, if applicable	Yes	Yes
2.6	Name of the Transfer Location	Yes	Yes
2.7	Address of the Transfer Location	Yes	Yes
2.8	South Coast AQMD facility ID for the Transfer Location	Yes	Yes
2.9	Type of Transfer (loading or unloading)	Yes	Yes
2.10	For each Transfer, the type of Gasoline, total gallons of Gasoline Transferred into or out of each Cargo Tank or compartment	Yes	Yes

- (5) The owner or operator of a Retail Mobile Fueler shall maintain the following:



- (A) Totalizer records indicating the totalizing meter reading at the start and end of each day for each Cargo Tank and, if applicable, each Cargo Tank compartment; and
  - (B) If the owner or operator of a Retail Mobile Fueler conducts inventory reconciliation, all reconciliation records of the amount Transferred into the Mobile Fueler and amount Dispensed out of the Mobile Fueler for each day inventory reconciliation occurs.
- (6) On or before the 20<sup>th</sup> of each calendar month, the owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler with a throughput limit per Dispensing Location shall create a monthly Dispensing record for the previous calendar month that includes the information specified in Table 3 – Monthly Dispensing Record.

**Table 3 – Monthly Dispensing Record**

Requirements		Mobile Fueler Category	
		Retail	Non-Retail
3.1	South Coast AQMD facility ID for the Dispensing Location	Yes, if applicable	Yes, if applicable
3.2	Name of the Dispensing Location	Yes	Yes
3.3	Address of the Dispensing Location	Yes	Yes
3.4	County of the Dispensing Location	Yes	Yes
3.5	Total gallons of each type of Gasoline Dispensed at the Dispensing Location in the calendar month	Yes	Yes
3.6	List of South Coast AQMD permit to operate numbers of all Mobile Fuelers that Dispensed Gasoline at the Dispensing Location in the calendar month	Yes	Yes
3.7	The most restrictive throughput limit of any Mobile Fueler that operated at the Dispensing Location in the calendar month	Yes	Yes

- (7) On or before the 20<sup>th</sup> of each calendar month, the owner or operator of a Non-Retail Mobile Fueler without a throughput limit per Dispensing Location shall create a monthly Dispensing record for the previous calendar

month that indicates the total gallons of Gasoline Dispensed during the month.

- (8) On or before the 20<sup>th</sup> of each calendar month, the owner or operator of a Retail Mobile Fueler complying with subparagraph (1)(2)(B) shall create a monthly Dispensing record for the previous calendar month that indicates the gallons of Gasoline Dispensed by the Mobile Fueler.
- (9) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall for each occurrence when Gasoline was dispensed on a public street maintain the following information:
  - (A) Type of Emergency or public infrastructure being maintained, if applicable;
  - (B) Date of Dispensing;
  - (C) Start time of Dispensing;
  - (D) End time of Dispensing;
  - (E) South Coast AQMD permit to operate for the Mobile Fueler;
  - (F) Nearest cross-streets of public street;
  - (G) County of public street;
  - (H) Total gallons of each type of Gasoline Dispensed;
  - (I) Contact information for responsible person of organization that had Gasoline Dispensed into a Motor Vehicle or equipment that includes the following:
    - (i) Name of Contact;
    - (ii) Name of Organization; and
    - (iii) Telephone number of the contact.
- (10) General Permitted Mobile Fueler Records

The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall maintain the following:

  - (A) Records of all components installed, defective components identified or repaired during self-compliance inspections;
  - (B) Repair logs that include:
    - (i) Date and time of each repair;
    - (ii) The name of the person(s) who performed the repair, and, if applicable, the name, address and phone number of the person's employer;
    - (iii) Description of service performed;

- (iv) Each component that was installed, repaired, serviced, or removed, including the required component identification information specified in clause (i)(4)(B)(i) through (i)(4)(B)(iv);
  - (v) Each component that was installed as replacement, if applicable, including the required component identification information specified in clauses (i)(4)(B)(i) through (i)(4)(B)(iv); and
  - (vi) Receipts for parts used in the repair and, if applicable, work orders, which shall include the name and signature of the person responsible for performing the repairs;
- (C) Test records required pursuant to subdivision (l) that includes the following for each test:
  - (i) Date and time of each test;
  - (ii) District confirmation number of notifications;
  - (iii) Name, affiliation, address, and phone number of the person(s) who performed the test;
  - (iv) Test data and calibration data for all equipment used;
  - (v) Date and time each test is completed and when the Mobile Fueller owner or operator is notified of the results. For a test that fails, a description of the reasons for the test failure shall also be included;
  - (vi) For a retest following a failed Performance or Reverification Test, description of repairs performed pursuant to subparagraph (l)(8)(B) and paragraph (l)(9); and
  - (vii) Copies of test reports in District approved format;
- (D) Records of daily maintenance inspections required pursuant to subparagraph (j)(1)(A);
- (E) On days the Mobile Fueller does not Transfer or Dispense Gasoline the records, in lieu of daily maintenance inspections required pursuant to subparagraph (j)(1)(A), the owner or operator shall alternatively document that the Mobile Fueller did not operate on this date;
- (F) Records of periodic compliance inspections required pursuant to subparagraph (j)(1)(B); and

- (G) Records that demonstrate the Installer or Contractor that installed or altered the CARB Certified control equipment has successfully completed any applicable manufacturer training program and any applicable state certification program applicable to the CARB Certified Phase I and Phase II Vapor Recovery Systems and the associated components thereof as specified in paragraphs (i)(3) and (i)(4).
  - (11) A person who performs the installation of components, self-compliance inspections, repairs or testing for any Mobile Fueler with a Cargo Tank equipped with CARB Certified Control Equipment shall provide to the owner or operator of a Mobile Fueler all records specified in subdivision (m), as applicable, by the end of each day when the service is provided.
  - (12) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall retain all applicable records specified in paragraphs (k)(1) through (k)(11) for at least two years or, if the Mobile Fueler is permitted to operate at a Title V facility, five years.
  - (13) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall provide all records upon request to the Executive Officer.
- (l) Testing
- (1) The owner or operator of a Mobile Fueler with a Cargo Tank equipped with a CARB Certified Phase I Vapor Recovery System or a CARB Certified Phase II Vapor Recovery System for Dispensing shall:
    - (A) Conduct all required tests in accordance with the following test methods:
      - (i) The most recently CARB approved version of CARB test method;
      - (ii) Stated in the applicable CARB Executive Orders including the corresponding Installation, Operation and Maintenance Manual test procedures; or
      - (iii) Any other test methods approved in writing by the U.S. EPA, CARB, or the South Coast AQMD;
    - (B) Conduct and pass the Performance Tests in accordance with test methods and any additional tests required by the applicable CARB Executive Order(s) including the corresponding CARB approved Installation, Operation, and Maintenance Manual and South Coast

AQMD permits within 10 calendar days after initially Dispensing Gasoline from any Mobile Fueler that:

- (i) Is new; or
  - (ii) Has undergone any of the following modifications:
    - (I) Removed or added a container of a Cargo Tank equipped with a CARB Certified Phase I Vapor Recovery System or a CARB Certified Phase II Vapor Recovery System for Dispensing; or
    - (II) Replaced equipment with different characteristics or descriptions from those specified on the existing permit to operate; and
  - (C) Conduct and successfully pass the Reverification Tests in accordance with the test methods, and any additional tests required by the applicable CARB Executive Orders including the corresponding CARB approved Installation, Operation and Maintenance Manual or South Coast AQMD permits to operate.
- (2) The owner or operator of a Retail Mobile Fueler with a Cargo Tank equipped with a CARB Certified Phase I Vapor Recovery System or CARB Certified Phase II Vapor Recovery System shall conduct Reverification Tests at a frequency no less than:
    - (A) Semiannually; or
    - (B) Annually, where the throughput for each month during the 12-month period preceding the required test is less than 100,000 gallons and throughput records are maintained pursuant paragraph (k)(8).
  - (3) The owner or operator of a Non-Retail Mobile Fueler with a Cargo Tank equipped with a CARB Certified Phase I Vapor Recovery System or CARB Certified Phase II Vapor Recovery System shall complete the Reverification Tests annually.
  - (4) The owner or operator of a Mobile Fueler with a Cargo Tank equipped with a CARB certified Phase I Vapor Recovery System or CARB Certified Phase II Vapor Recovery System shall conduct subsequent Reverification Testing during the same calendar months when the most recent Performances Tests or Reverification Tests was conducted each year.
  - (5) Notwithstanding (1)(4), when a new Performance Test is required due to alteration of the Mobile Fueler equipped with CARB Certified Control Equipment, the owner or operator of a Mobile Fueler shall conduct

subsequent Reverification Tests based on the new Reverification Testing month(s).

- (6) In the event of a change of owner or operator, the new owner or operator of Mobile Fueller shall:
  - (A) Conduct the next Reverification Test within the same testing month as established by the previous owner or operator, if the previous Reverification Testing records are available; or
  - (B) Complete all the applicable Reverification Testing within 30 calendar days of the change of the owner or operator, if no prior Reverification Testing records are available.
- (7) A person who conducts Performance or Reverification Tests shall:
  - (A) Conduct Performance or Reverification Tests in accordance with the applicable test methods listed in subdivision (l)(1) and other CARB testing procedures;
  - (B) Use calibrated equipment meeting the calibration range and calibration intervals specified by the manufacturer;
  - (C) Notify the South Coast AQMD electronically via a South Coast AQMD approved method and obtain a confirmation number at least three days prior to testing (at least one of the days shall be regular South Coast AQMD business days), except as specified in paragraph (l)(8) for failed Reverification Tests, as specified in subparagraph (l)(7)(D) for rescheduled tests, and may not be required for Reverification Tests performed after drive-offs pursuant to subparagraph (i)(6)(P), provided the person conducting the tests complies with all other applicable provisions of the rule;
  - (D) In the event that a Performance or Reverification Test rescheduled pursuant to subparagraph (l)(7)(C) cannot be conducted at the scheduled date and time, the test may be rescheduled to a later date and time provided that the South Coast AQMD is notified electronically via a South Coast AQMD approved method or other South Coast AQMD approved methods at least 24 hours prior to the originally scheduled time;
  - (E) Conduct Performance and Reverification Tests between the hours of 7:00 a.m. and 8:00 p.m. Monday through Friday, unless the Executive Officer approves testing on a weekend day (Saturday or Sunday) based on Attachment D – Testing on a Weekend Day;

- (F) Have successfully completed the South Coast AQMD's Tester Orientation class prior to conducting the Reverification Test;
  - (G) Have successfully completed the International Code Council (ICC) tester certifications (or equivalent state certifications) examination during the previous 24 calendar months;
  - (H) Cease conducting any Performance or Reverification Test after having been cited within any six-month period for at least two violations of subparagraphs (l)(7)(A) and (l)(7)(B) of this rule or CARB vapor recovery regulations in such a manner that the violations could have affected the accuracy of a Performance or Reverification Test and not resume testing until after successfully re-completing the South Coast AQMD's Tester Orientation class; and
  - (I) Cease conducting any Performance or Reverification Test after having been cited within any 12-month period for at least three violations of subparagraphs (l)(7)(A) and (l)(7)(B) of this rule or CARB vapor recovery regulations in such a manner that the violations could have affected the accuracy of a Performance or Reverification Test.
- (8) Notwithstanding subparagraphs (l)(7)(C) and (l)(7)(D), the owner or operator of Mobile Fueler equipped with a CARB Certified Phase I Vapor Recovery System or a CARB Certified Phase II Vapor Recovery System that has failed a Reverification Test or portions thereof may retest the Mobile Fueler prior to resuming operation provided that the person conducting the tests has complied with one of the following:
- (A) Notify the South Coast AQMD electronically via a South Coast AQMD approved method and obtain a confirmation number at least 12 hours prior to retesting (at least six of the hours shall be regular South Coast AQMD business hours); or
  - (B) When all necessary repairs are performed during the same day the Mobile Fueler has failed any of the applicable Reverification Tests, the owner or operator may retest the Mobile Fueler on the same day without renotification, provided that the reasons for the test failure and any repairs performed are properly documented in the repair logs pursuant to subparagraph (k)(10)(B) and the records of tests pursuant to subparagraph (k)(10)(C).

- (9) The owner or operator of a Mobile Fueler with a Cargo Tank equipped with CARB Certified Control Equipment shall not operate the Mobile Fueler unless:
  - (A) It has successfully passed the applicable Performance or Reverification Tests; or
  - (B) The test failure is due to Dispensing equipment and associated equipment that can be shut down and isolated from the Mobile Fueler provided that:
    - (i) Test results demonstrate that the remaining equipment is in good operating condition; and
    - (ii) Test results and the method of isolating the defective equipment have been documented in the test reports maintained pursuant to subparagraph (k)(10)(C) and submitted to the South Coast AQMD pursuant to paragraph (m)(4) and paragraph (m)(5).
- (m) Reporting
  - (1) After February 1, 2022, the owner or operator of a Retail Mobile Fueler shall electronically submit the applicable records required by paragraph (k)(2) for the Dispensing Location to the Executive Officer, using a format approved by the Executive Officer:
    - (A) No less than 48 hours prior to Dispensing at a Dispensing Location where a record required by paragraph (k)(2) has not been submitted for the Dispensing Location; and
    - (B) No less than 48 hours prior to Dispensing at the Dispensing Location where a different mobile fueling company Dispensed Gasoline during a prior calendar month.
  - (2) No later than 48 hours after Dispensing Gasoline on a public street into a Motor Vehicle or equipment that was responding to an Emergency or maintaining public infrastructure, the owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall electronically submit the information pursuant to paragraph (k)(9) to the Executive Officer.
  - (3) On or before March 1st, the owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall provide the monthly Gasoline Dispensing records required by paragraph (k)(6) through (k)(8), as applicable, for the previous calendar year to the Executive Officer in an approved format.



- (4) A person who conducts Performance or Reverification Tests shall submit a copy of the PASS/FAIL test results, showing a summary of the overall results of each test, electronically in a South Coast AQMD approved format to the Executive Officer within 72 hours after each test is conducted.
  - (5) A person who conducts Performance or Reverification Tests shall submit the final test report demonstrating compliance within 14 calendar days of the date when all tests were passed that includes all the required records of all tests performed, test data, current South Coast AQMD facility ID number of the Mobile Fueler being tested, the equipment permit to operate or application number, the South Coast AQMD ID number of the company performing the tests, a statement whether the system or component tested meets the required standards, and the name, South Coast AQMD tester ID number and signature of the person responsible for conducting the tests.
- (n) Exemptions
  - (1) The provisions of this rule shall not apply to the Transfer of Gasoline into testing equipment used to verify the efficiency of the vapor recovery system by CARB or the South Coast AQMD or testing Contractors, the accuracy of the Gasoline Dispensing equipment by the Department of Weight and Measures, and the fire safety standards by the Fire Department.
  - (2) The requirements of paragraph (d)(2) shall not apply to the fueling of Tournament of Roses parade floats.
  - (3) Until July 1, 2022, the CARB Certified Phase I Vapor Recovery System requirements of paragraph (d)(1), subdivision (j), subdivision (k), and subdivision (m) shall not apply to the following Mobile Fuelers provided the Mobile Fueler is not equipped with a CARB Certified Phase I Vapor Recovery System:
    - (A) Retail Mobile Fueler with a Cumulative Capacity greater than 10 gallons and less than 251 gallons and no individual Cargo Tank is greater than 120 gallons that Dispenses into Motor Vehicles;
    - (B) Non-Retail Mobile Fueler with a Cumulative Capacity greater than 120 gallons and less than 251 gallons and no individual Cargo Tank is greater than 120 gallons that Dispenses into Motor Vehicles; or
    - (C) Non-Retail Mobile Fueler or a Retail Mobile Fueler that does not Dispense into Motor Vehicles.

- (4) Until July 1, 2022, the CARB Certified Phase II Vapor Recovery System requirements of paragraph (d)(2), subdivision (j), subdivision (k), and subdivision (m) shall not apply to the following Mobile Fuelers provided the Mobile Fueler is not equipped with a CARB Certified Phase II Vapor Recovery System:
  - (A) Retail Mobile Fueler with a Cumulative Capacity greater than 10 gallons and less than 251 gallons and no individual Cargo Tank is greater than 120 gallons that Dispenses into Motor Vehicles; or
  - (B) Non-Retail Mobile Fueler with a Cumulative Capacity greater than 120 gallons and less than 251 gallons and no individual Cargo Tank is greater than 120 gallons that Dispenses into Motor Vehicles.
- (5) Until July 1, 2022, subdivision (g) shall not apply to a Retail Mobile Fueler or Non-Retail Mobile Fueler operating at a Dispensing Location.

**ATTACHMENT A**

**OUT OF ORDER PROTOCOL**

**(A-1) OUT OF ORDER PROTOCOL<sup>1</sup>**

The owner or operator of a Mobile Fueller shall not remove a South Coast AQMD “Out of Order” tag from non-compliant equipment, not allow the use of the non-compliant equipment, not provide for use the non-compliant equipment, or not operate the non-compliment equipment, unless:

- (1.1) The non-compliant equipment has been repaired, replaced, or adjusted, as necessary;
- (1.2) The Executive Officer was notified of the repair, replacement, or adjustment; and
- (1.3) If the Executive Officer has determined the non-compliant equipment requires a reinspection prior to resuming operation, the Executive Officer has re-inspected the non-compliant equipment.

<sup>1</sup> The Attachment A – Out of Order Protocol shall not apply to the Motor Vehicle of the mobile fueller.

## **ATTACHMENT B**

### **DAILY MAINTENANCE INSPECTION PROTOCOL**

Each day the Mobile Fueler Transfers or Dispenses Gasoline conduct the following:

#### **(B-1) GENERAL INFORMATION**

The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall document the following in the daily maintenance inspections:

- (1.1) Facility name;
- (1.2) South Coast AQMD facility ID; and
- (1.3) South Coast AQMD permit number for mobile fueler.

#### **(B-2) PHASE I VAPOR RECOVERY SYSTEM INSPECTION**

The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall at minimum verify the following during the daily maintenance inspections:

- (2.1) The spill box is clean and does not contain gasoline;
- (2.2) The fill caps and vapor dust caps, and associated gaskets, are not missing, damaged, or loose;
- (2.3) If applicable:
  - (a) The dry break (poppet valve) is not missing or damaged;
  - (b) Note if liquid is visible in vapor return line drop out sight gauge; and
  - (c) Cargo tank pressure.

#### **(B-3) PHASE II VAPOR RECOVERY SYSTEM INSPECTION**

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler that is equipped with a CARB Certified Phase II Vapor Recovery System shall at a minimum verify the following during the daily maintenance inspections:

- (3.1) The following nozzle components are in place and in good condition, as specified in CARB Executive Orders:
  - (a) Nozzle spout (proper diameter/vapor collection holes);
  - (b) Faceplate;
  - (c) Bellows;
  - (d) Latching device spring;

**ATTACHMENT B - CONTINUED**

- (e) Vapor check valve;
  - (f) Insertion interlock mechanism;
  - (g) Automatic shut-off mechanism; and
  - (h) Hold open latch;
- (3.2) The hoses are not torn, punctured, flattened, or crimped and in good condition, as specified in CARB Executive Orders;
- (3.3) If applicable:
  - (a) Vapor return line vacuum (inches water column); and
  - (b) Gasoline supply pressure (pounds per square inch gauge); and
- (3.4) Required signage is clearly displayed.

**(B-4) RECORDS OF DEFECTIVE COMPONENTS**

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall at maintain records of defective components during the daily maintenance inspections.

**(B-5) MAINTENANCE ACTIVITY**

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler that is equipped with a CARB Certified Phase I Vapor Recovery System or Phase II Vapor recovery system shall at maintain records of following during the daily maintenance inspections

- (5.1) Date maintenance contractor was contacted;
- (5.2) Time maintenance contractor was contacted;
- (5.3) Method of contact;
- (5.4) Date of maintenance;
- (5.5) Time of maintenance;
- (5.6) Maintenance contractor name;
- (5.7) Maintenance contractor telephone number;
- (5.8) Totaling meter reading on date maintenance was performed;
- (5.9) List of tests conducted;
- (5.10) Test results; and
- (5.11) List of components repaired or replaced.

**ATTACHMENT C**

**PERIODIC COMPLIANCE INSPECTION PROTOCOL**

**(C-1) GENERAL INFORMATION**

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall document the following in the periodic compliance inspections:

- (1.1) Facility name;
- (1.2) South Coast AQMD facility ID; and
- (1.3) South Coast AQMD permit number for mobile fueler.

**(C-2) GENERAL INSPECTION**

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall at minimum verify the following during the periodic compliance inspections:

- (2.1) The South Coast AQMD permit is current;
- (2.2) The description in the South Coast AQMD permit to operate accurately describes the equipment;
- (2.3) Compliance with all permit conditions; and
- (2.4) The required signage is properly posted and contains all the necessary information.

**(C-3) PHASE I VAPOR RECOVERY SYSTEM INSPECTION**

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler shall at minimum verify the following during the daily maintenance inspections:

- (3.1) The spill box is clean and does not contain gasoline;
- (3.2) The fill caps are not missing, damaged, or loose;
- (3.3) If applicable:
  - (a) The dry break (poppet valve) is not missing or damaged;
  - (b) Note if liquid is visible in vapor return line drop out sight gauge; and
  - (c) Cargo tank pressure.
- (3.4) The Phase I vapor recovery system complies with required CARB certification and is properly installed; and

**ATTACHMENT C – CONTINUED**

- (3.5) The spill box complies with required CARB certification and is properly installed.

**(C-4) PHASE II VAPOR RECOVERY SYSTEM INSPECTION**

The owner or operator of a Retail Mobile Fueler or Non-Retail Mobile Fueler that is equipped with a CARB certified Phase II vapor recovery system shall at a minimum verify the following during the daily maintenance inspections:

- (3.1) Each nozzle is the current CARB-certified model;
- (3.2) Each nozzle is installed in accordance with the applicable CARB Executive Orders;
- (3.3) The following nozzle components are in place and in good condition, as specified in CARB Executive Orders or California Code of Regulations, Title 17, Part III, Chapter 1, subchapter 8, section 94006 or Health and Safety Code Section 41960.2 (e):
  - (a) Nozzle spout (proper diameter/vapor collection holes);
  - (b) Faceplate;
  - (c) Bellows;
  - (d) Latching device spring;
  - (e) Vapor check valve;
  - (f) Insertion interlock mechanism;
  - (g) Automatic shut-off mechanism; and
  - (h) Hold open latch;
- (3.4) The hoses are not torn, punctured, flattened, or crimped and in good condition, as specified in CARB Executive Orders;
- (3.5) The vapor recovery hoses are the required size and length;
- (3.6) The vapor recovery nozzles are equipped with required hoses;
- (3.7) The bellows-equipped vapor recovery nozzles are equipped with CARB certified insertion interlock mechanisms;
- (3.8) If required, the flow limiter is not missing and is installed properly;
- (3.9) The swivels are not missing, defective, or leaking, and the Dispenser-end swivels, if applicable, are Fire-Marshall approved with 90-degree stops;

**ATTACHMENT C – CONTINUED**

- (3.10) If required, the liquid removal device, which are designed to remove trapped liquid from the vapor passages of a balance coaxial hose, comply with required CARB certifications and are properly installed; and
- (3.11) For bellows-less nozzles, the hoses are inverted coaxial type, and the vapor collection holes are not obstructed.



**ATTACHMENT D**

**TESTING ON A WEEKEND DAY**

**(D-1) RESTRICTIONS**

The South Coast AQMD shall approve a limited number of reverification testing requests per weekend on a first-come first-served basis which shall be subject to the following restrictions:

- (1.1) The person conducting the tests has notified the South Coast AQMD pursuant to subparagraph (l)(7)(C) for reverification tests and Attachment D paragraph (D-1)(1.2);
- (1.2) The requests made pursuant to Attachment D paragraph (D-1)(1.1) shall be made no more than 30 calendar days in advance of the testing;
- (1.3) Tests shall be conducted from 7:00 a.m. through 5:30 p.m.;
- (1.4) Upon request by the South Coast AQMD, the person who conducted the tests on a weekend day for which South Coast AQMD staff was not present shall repeat the reverification testing at a mutually acceptable date but no later than 10 calendar days from the day the test was conducted; and
- (1.5) Should a repeat test be requested pursuant to Attachment D paragraph (D-1)(1.4), the owner or operator of the mobile fueler shall pay the cost of the repeat reverification testing.

**(D-2) CONDITIONS**

The South Coast AQMD shall approve all requests for a retest on a weekend day provided that the retest meets the following conditions:

- (2.1) The retest on a weekend day is necessary as the repairs and retest following a failed reverification test cannot be completed by Friday;
- (2.2) The person conducting the test has notified the South Coast AQMD pursuant to subparagraph (l)(8)(A) or left a phone notification before midnight of the day before the retest;
- (2.3) Tests shall be conducted from 7:00 a.m. through 5:30 p.m.; and

**ATTACHMENT D – CONTINUED**

- (2.4) Upon request by the Executive Officer, the person who conducted the test on a weekend day for which the South Cost AQMD staff was not present shall repeat the reverification testing at a mutually acceptable date but no later than 10 calendar days from the day the test was conducted. The owner or operator of a mobile fueler shall pay the cost of the repeat reverification testing.