



Public Workshop



Proposed Amended Rule 461 – Gasoline Transfer and Dispensing

Proposed Rule 461.1 – Gasoline Transfer and Dispensing for Mobile Fueling Operations

Proposed Amended Rule 219 – Equipment not Requiring a Written Permit Pursuant to Regulation II

Proposed Amended Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

Meeting Information

**October 27, 2021
10:00 a.m.**

Zoom Webinar Link:

<https://scaqmd.zoom.us/j/99374282817>

Dial In:

+1 (669) 900-6833

Webinar ID:

993 7428 2817



Overview

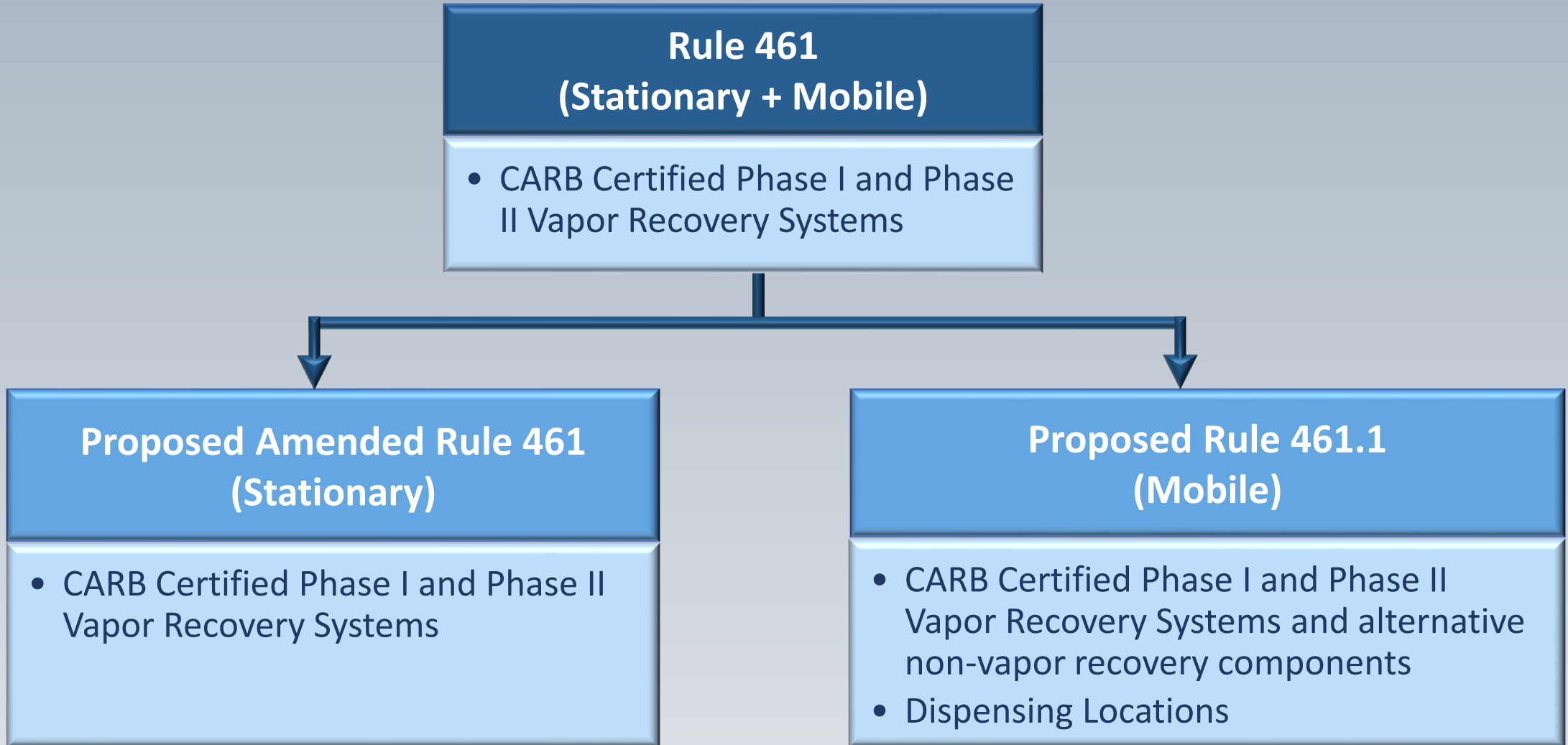


Overview

- Public Workshop will be discussing four rulemaking projects to address gasoline transfer and dispensing for mobile fuelers:
 - Proposed Rule 461.1 (PR 461.1) – Gasoline Transfer and Dispensing for Mobile Fueling Operations will regulate mobile fueling operations and address regulatory gap
 - Proposed Amended Rule 461 (PAR 461) – Gasoline Transfer and Dispensing will be amended to remove requirements for Mobile Fuelers and revise Phase II alternative to reflect CARB’s certification of a non-vapor recovery conventional nozzle
 - Proposed Amended Rule 219 (PAR 219) – Equipment Not Requiring a Written Permit Pursuant to Regulation II will be amended to lower the exemption threshold for Mobile Fuelers to align with PR 461.1
 - Proposed Amended Rule 222 (PAR 222) – Filing Requirements For Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II will be amended to include Dispensing Location registration required by PR 461.1



Gasoline Transfer and Dispensing – PR 461.1 Approach





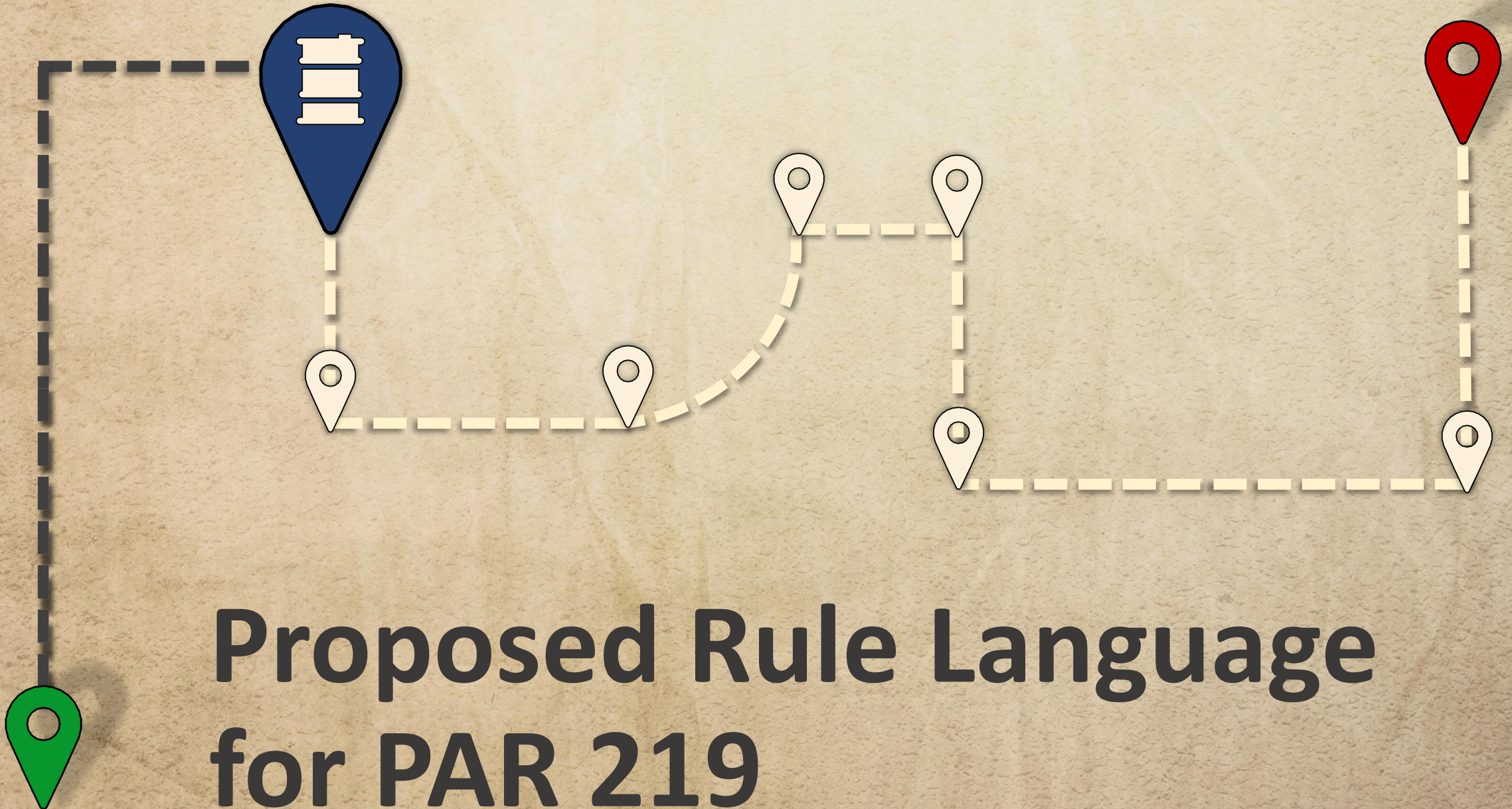
Need for Rulemaking

- Rule 461 currently requires gasoline dispensing tanks greater than 120 gallons be equipped with CARB Certified Phase I and Phase II Vapor Recover Systems
- The one CARB certified Phase II Vapor Recover System for Mobile Fuelers is currently not available for new Mobile Fuelers
- Proposed rulemaking will:
 - Address regulatory gap to establish requirements for Retail Mobile Fuelers
 - Permitting requirements for mobile fueling to ensure consistency with mobile fueling requirements
 - Provide clarity to requirements for retail and non-retail mobile fueling
 - Ensure mechanisms in place to minimize Volatile Organic Compound (VOC) and Toxic Air Compound (TAC) emissions and to minimize public health impacts



PR 461.1

- Address VOC and TAC emissions from mobile fueling operations
- Primary concepts for PR 461.1 rulemaking
 - Address regulatory gap of Mobile Fuelers by lowering minimal capacity of Mobile Fuelers so they would be subject to PR 461.1
 - Require use of CARB Certified Vapor Recovery Systems for Mobile Fuelers
 - Amend Rule 461 to remove requirements for Mobile Fuelers to avoid duplicate requirements with PR 461.1
 - Amend Rule 219 and Rule 222



Proposed Rule Language for PAR 219



Proposed Rule Language Overview for PAR 219

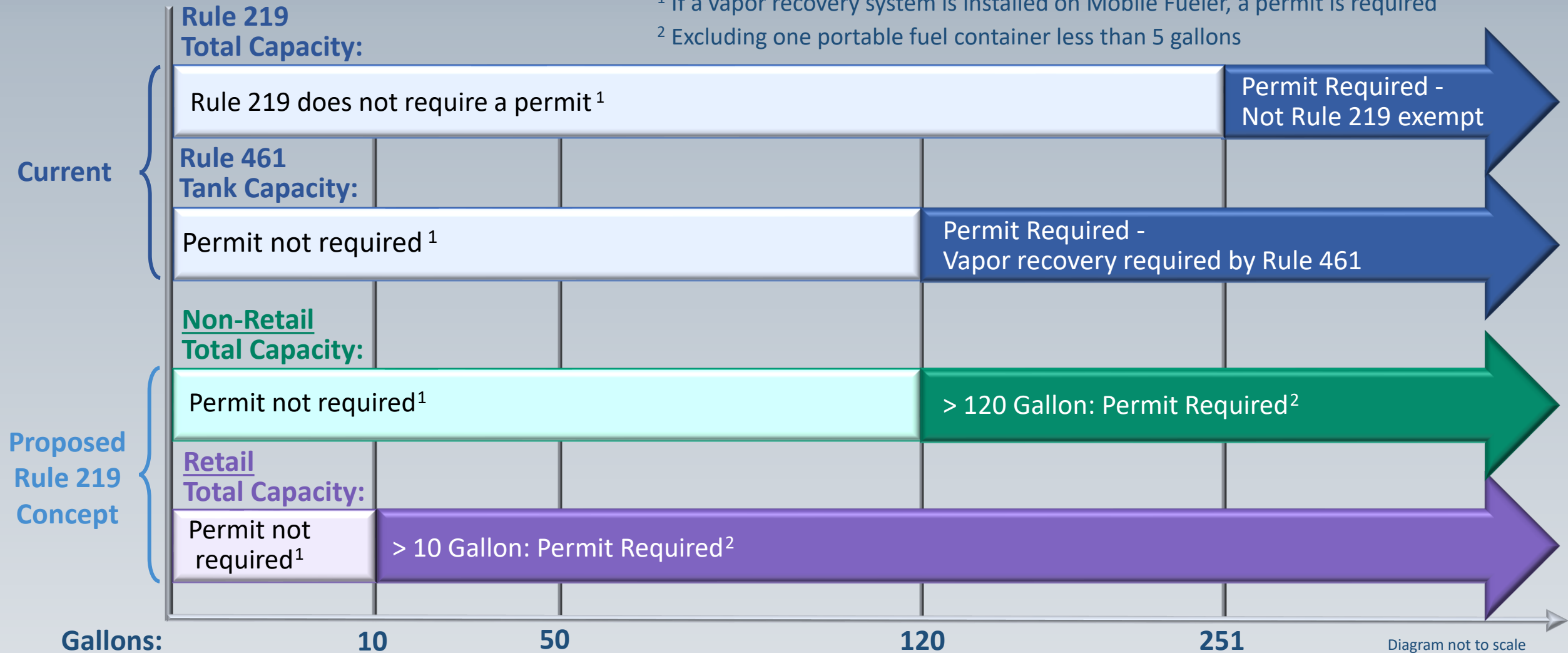
- Identifies equipment, processes, or operations not requiring a permit
- Changes in subdivision for Storage and Transfer Equipment
 - Amended existing exemption to no longer apply to Mobile Fuelers to allow for new specific exemptions (m)(9)
 - Added for exemptions for Mobile Fuelers with new lower size threshold (m)(10) and (m)(11) (Details on next slide)
 - Added for exemptions for Dispensing Locations with no retail operations or if location is registered (m)(12) and (m)(13)
 - Added provisions to provide time for previously exempt Mobile Fuelers and Dispensing Locations to obtain permits (m)(14) and (m)(15)



Proposed Changes for Permitting of Mobile Fuelers by Capacity

¹ If a vapor recovery system is installed on Mobile Fueler, a permit is required

² Excluding one portable fuel container less than 5 gallons





Proposed Rule Language for PAR 222



Proposed Rule Language Overview for PAR 222

- Rule 222 provides an alternative to a permit in the form of a registration
- Added two definitions from PR 461.1: Dispensing Location and Retail Mobile Fueler
- PAR 222 Table 1 is expanded to include registration for Dispensing Locations for Retail Mobile Fueler operations that are not at a Title V facility
- Operators must register Dispensing Location where retail mobile fueling is occurring by July 1, 2022



Proposed Rule Language for PAR 461



PAR 461

- Modified applicability to remove Mobile Fuelers (a)
- Definitions no longer needed (b)
 - Coaxial fill tube
 - Mobile Fueler
- Definitions modified to remove references to Mobile Fueler (b)
 - Gasoline transfer and dispensing facility
 - Vapor recovery system
- Changed “gasoline dispensing facility” to “gasoline transfer and dispensing facility” throughput rule for consistency with definitions (b)
- Amendments to reflect CARB’s certification of a non-vapor recovery conventional nozzle (c)(4)
- Removed references to Mobile Fuelers throughout PAR 461
- Updates to rule language for clarity and consistency with recent rules



Proposed Rule Language for PR 461.1



PR 461.1 Structure

SUBDIVISIONS

- a) Purpose
 - b) Applicability
 - c) Definitions
 - d) Vapor Recovery Requirements for Mobile Fuelers
 - e) Mobile Fueling Cargo Tank Requirements
 - f) Operational Requirements
 - g) Mobile Fueling Location Requirements
 - h) Labeling Requirements for Mobile Fuelers
 - i) Installation, Maintenance, and Repair Requirements
 - j) Self-Compliance Program Requirements
 - k) Recordkeeping
 - l) Testing
 - m) Reporting
 - n) Exemptions
- Attachments



a&b

Purpose (a) and Applicability (b)

Purpose

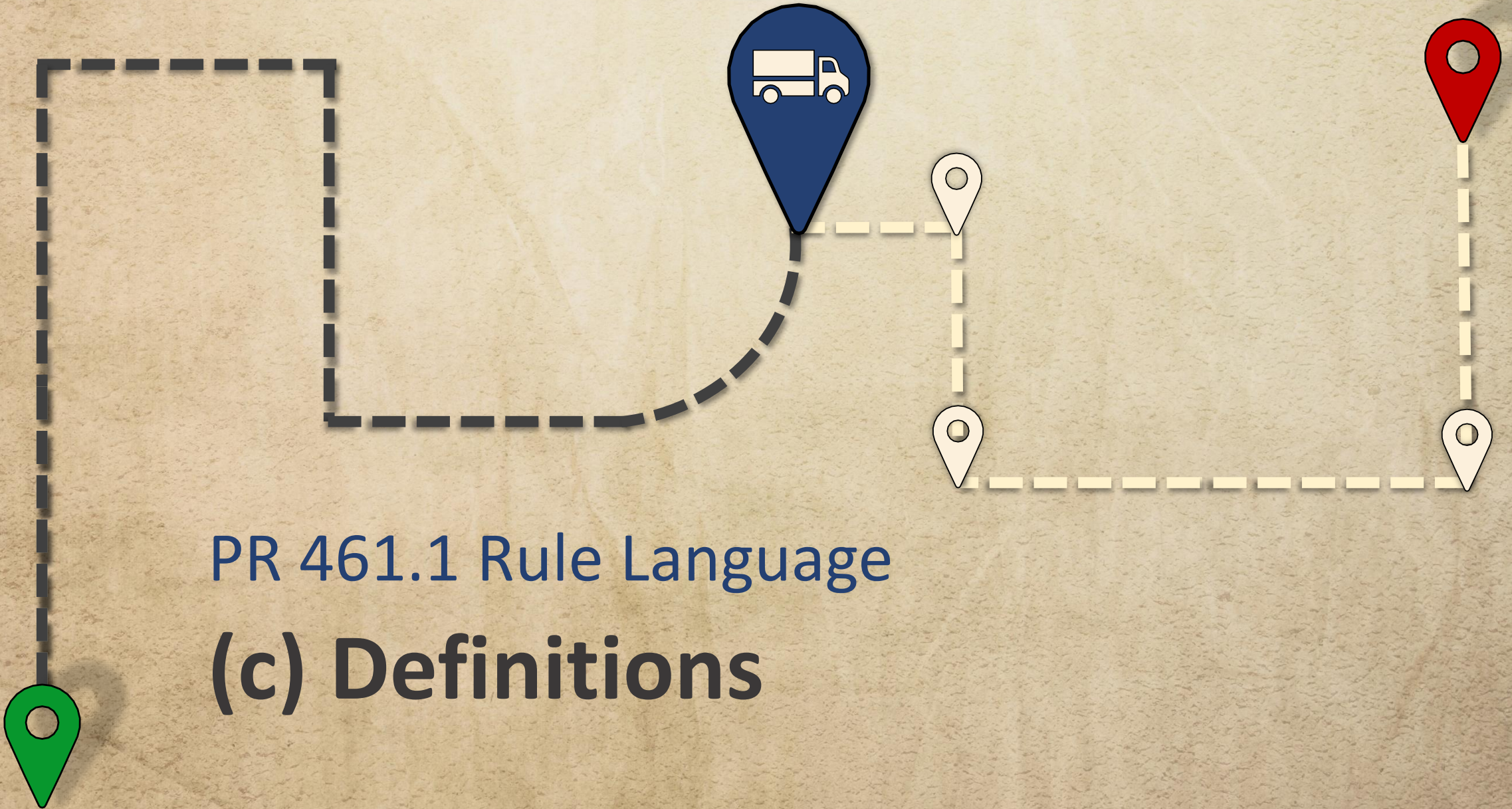
The purpose of this rule is to reduce emissions of volatile organic compounds and toxic emissions from mobile fueling operations.

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 the owner or operator of a Dispensing Location and 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) Manufacturers CARB Certified Control Equipment or the associated components thereof.

- Reduces VOC and toxic emissions from mobile fueling operations
- Applicability
 - Includes suppliers and sellers consistent with subdivision (i) for installation, maintenance and repair requirements



PR 461.1 Rule Language

(c) Definitions



C

Key Definitions (c) Overview

DISPENSE or DISPENSING means the Transfer of Gasoline from a Mobile Fueler into a Motor Vehicle, equipment, or container using a nozzle or spout. **TRANSFER** means the loading of Gasoline into a Mobile Fueler or unloading Gasoline out of a Mobile Fueler, except when Dispensing.

CARGO TANK means a container and associated equipment that is used to store, Transfer, and Dispense Gasoline.

CUMULATIVE CAPACITY means the Mobile Fueler's combined capacity of the 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 5 gallons.

MOBILE FUELER means a Motor Vehicle that has one or more Cargo Tanks on-board or tows one or more Cargo Tanks.

- Cumulative Capacity excludes one portable fuel container up to 5 gallons
- Additional portable fuel container(s) beyond the first individual container (up to 5 gallons) would count toward the Cumulative Capacity

- Mobile Fueler does not include bulk tanker trucks that only deliver fuel to gas stations (vehicles do not Dispense Gasoline using a nozzle or spout)



C

Definitions (c)

- Breakaway Coupling
 - CARB Certified
 - Cargo Tank
 - Coaxial Hose
 - Control Equipment
 - Cumulative Capacity
 - Dispense or Dispensing
 - Dispensing Location
 - Dry Break
 - Gasoline
 - Gasoline Vapors
 - Insertion Interlock Mechanism
 - Installer or Contractor
 - Liquid Tight
 - Motor Fueler
 - Motor Vehicle
 - Non-Retail Mobile Fueler
 - Non-Vapor Recovery Component for Dispensing
 - Performance Test
 - Phase I Vapor Recovery System
 - Phase II Vapor Recovery System
 - Qualified Manufacturer
 - Rebuild
 - Retail Mobile Fueler
 - Re-Verification Test
 - School
 - Spill Box
 - Transfer
 - Vapor Check Valve
 - Vapor Tight
- Control Equipment includes
- Phase I Vapor Recovery System
 - Phase II Vapor Recovery System
 - Non-Vapor Recovery Component for Dispensing
- Requires permits
- Retail Mobile Fueler – Greater than 10 gallons Cumulative Capacity
 - Non-Retail Mobile Fuelers – Greater than 120 gallons Cumulative Capacity



C

Retail and Non-Retail Mobile Fuelers

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.

Non-Retail

(Cumulative Capacity > 120 gallons)

Non-retail business customers are vehicles owned or under direct control by the same owner or operator as the Mobile Fueler

Retail

(Cumulative Capacity > 10 gallons)

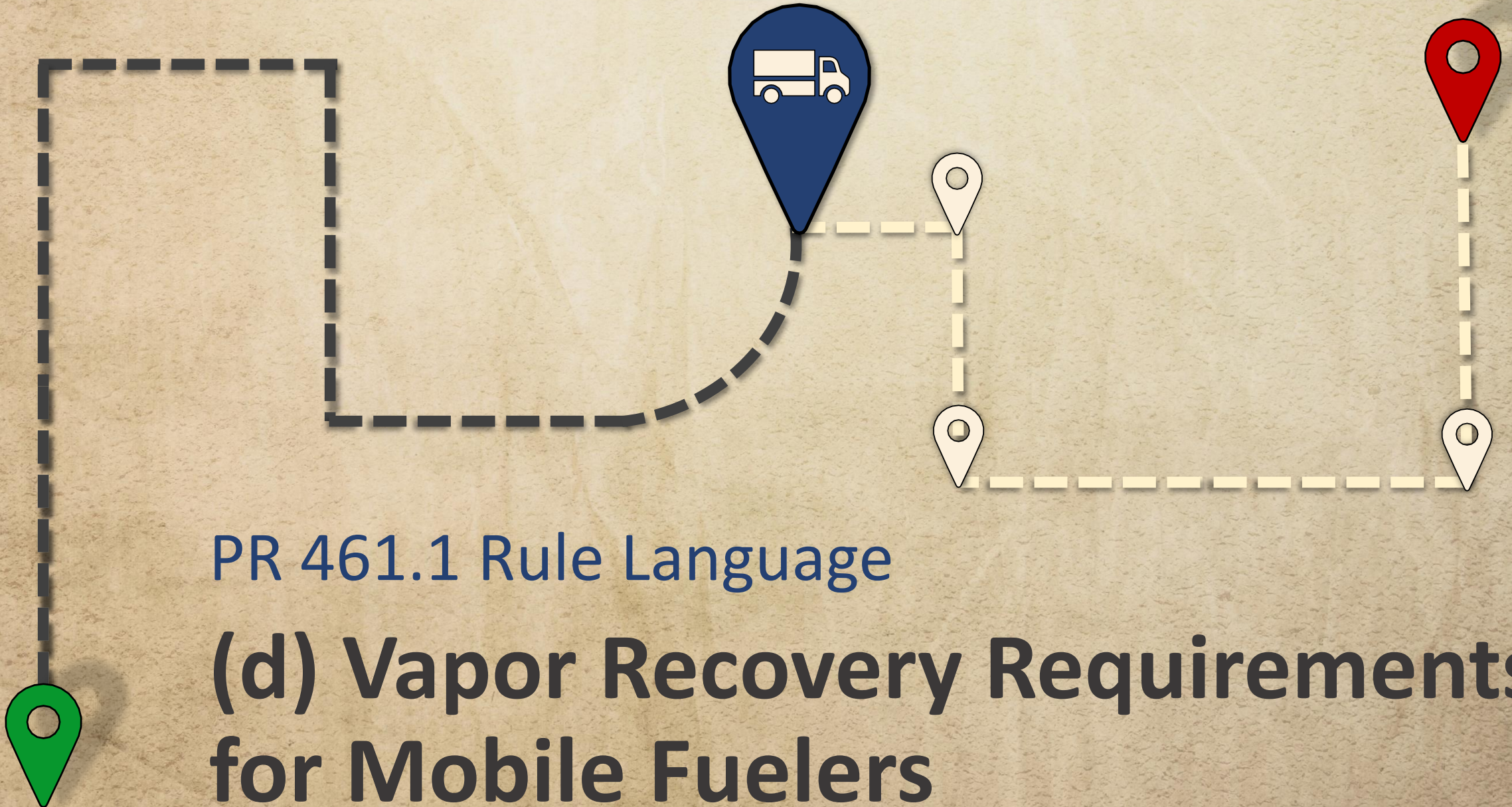
Two types of retail business customers:



Fleet



Consumer





Phase I Vapor Recovery Requirements - (d)(1)

(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 is equipped with a CARB Certified Phase I Vapor Recovery System capable of demonstrating ongoing compliance with the vapor integrity requirements contained in CARB's CP-204, Certification Procedures for Vapor Recovery Systems of Cargo Tanks.

- Requires Phase I Vapor Recovery System for transferring Gasoline for Retail Mobile Refuelers and Non-Retail Mobile Fuelers
- Phase I Vapor Recovery System must be CARB Certified pursuant to CARB's CP-204 certification procedures



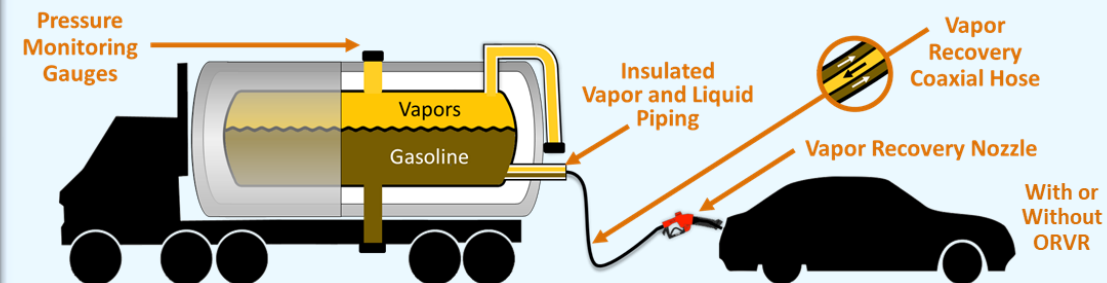
Phase II Vapor Recovery (d)(2)

(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 Cargo Tank on the Mobile Fueler is equipped with a CARB Certified Phase II Vapor Recovery System as 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) 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;
- (C) 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
- (D) Each gasoline-dispensing nozzle is equipped with a coaxial hose as specified in the applicable CARB Executive Order.

- Requires Phase II Vapor Recovery System for Dispensing Gasoline from Retail Mobile Refuelers and Non-Retail Mobile Fuelers
- Phase II Vapor Recovery System must be CARB Certified
- Includes specific requirements that are consistent with CARB certifications for Phase II Vapor Recovery System





Alternative Provisions for Phase II Vapor Recovery (d)(3)

- (3) Until CARB certifies at least two Phase II Vapor Recovery Systems for Mobile Fuelers, an owner or operator may use a Non-Vapor Recovery Component for Gasoline Dispensing, in lieu of compliance with paragraph (d)(2), provided the owner or operator:
- (A) Uses a CARB Certified Non-Vapor Recovery Component for Dispensing;
 - (B) Dispenses only into Motor Vehicles that are equipped with an onboard refueling vapor recovery (ORVR) system;
 - (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.

- Allows operators to use a Non-Vapor Recovery Component for Gasoline Dispensing until two Phase II Vapor Recovery Systems are certified by CARB, if they meet following requirements:
 - Non-Vapor Recovery Component are CARB certified
 - All vehicles must have ORVR
 - Recordkeeping and reporting requirements to verify vehicles have ORVR

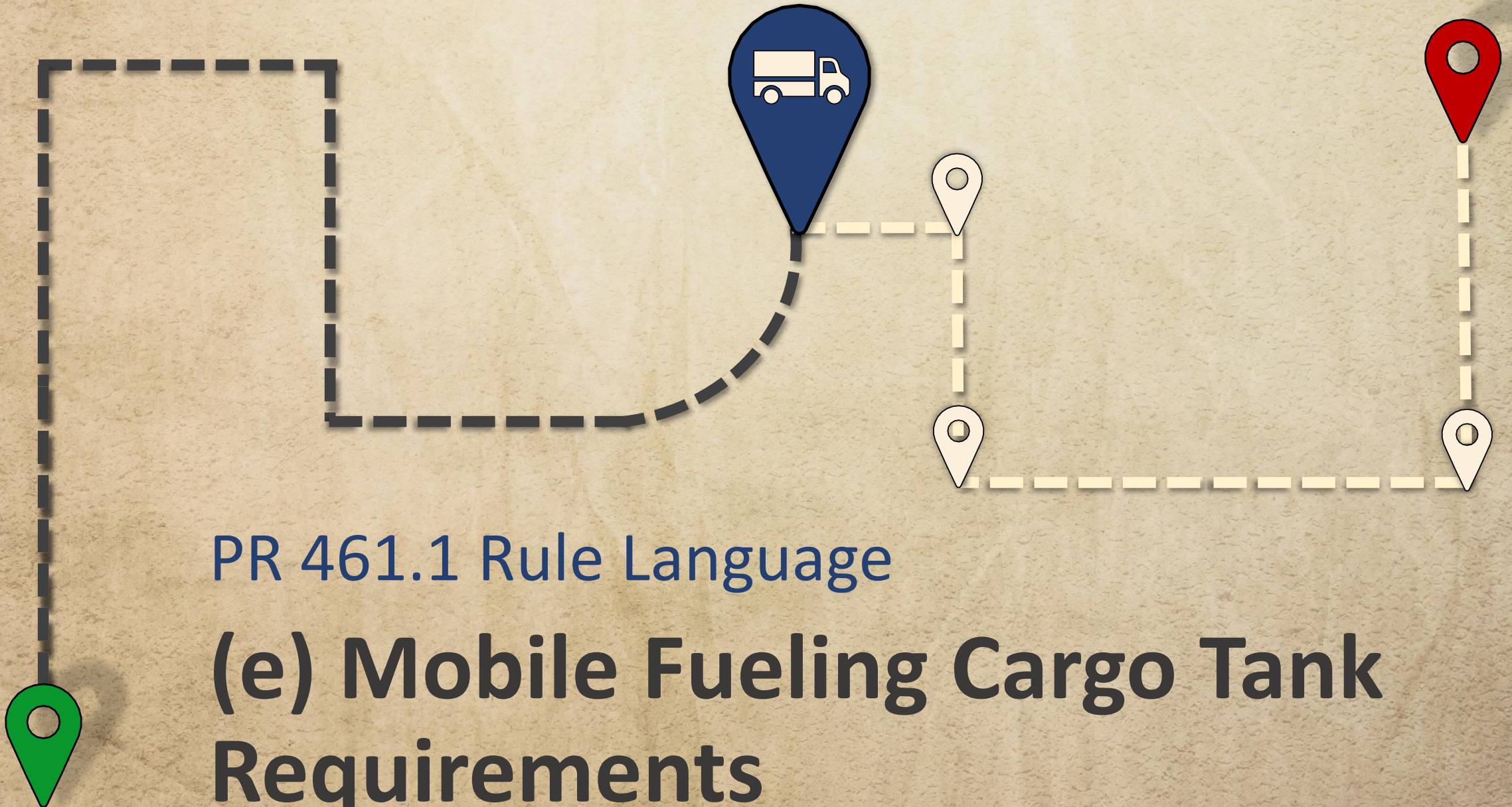




Transition to Phase II Vapor Recovery (d)(4) and (d)(5)

- (4) Within 60 calendar days of receiving notification from the Executive Officer that CARB has certified at least two Phase II Vapor Recovery Systems for Mobile Fuelers, the owner or operator of a Mobile Fueler subject to the requirements of paragraph (d)(3) shall:
- (A) Submit a complete South Coast AQMD permit application for a Mobile Fueler that complies with paragraph (d)(2); or
 - (B) Cease operating the permitted Mobile Fueler subject to the requirements of paragraph (d)(3).
- (5) Within 180 calendar days after a permit to construct or permit to operate has been issued for the application pursuant to subparagraph (d)(4)(A), the owner or operator of permitted Mobile Fueler shall submit an application to request to inactivate a permit to operate and cease operating the Mobile Fueler subject to the requirements of paragraph (d)(3).

- Requires owner or operator, upon notification from Executive Officer that Phase II Vapor Recovery Systems were certified by CARB, either:
 - Cease operating the Mobile Fueler without Phase II; or
 - Submit application within 60 days for Mobile Fueler with CARB Certified Phase I and II Vapor Recovery Systems
- Inactivate permit for replaced unit within 180 days after permit to construct is issued for Mobile Fueler equipped with Phase I and Phase II vapor recovery





e

Mobile Fueling Cargo Tank (e)

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 Cumulative Capacity does not exceed 5,000 gallons.

Incorporated from Rule 461





Operational Requirements (f)

- Maintain containment of Gasoline and minimize spillage
- Prohibit dispensing hose longer than 75 feet to minimize hose permeation loss
- Allows only staff to Dispense Gasoline
- Requires compliance with South Coast AQMD Out of Order Protocol based on Rule 461



Operational Requirements (f)(5) – CARB Certified Equipment

- Specifies requirements for mobile fuelers with CARB Certified equipment based on Rule 461
 - Must operate and maintain CARB Certified and associated equipment according to Executive Order, manufacturer's specification, or California Code of Regulations (A) through (C)
 - Specifies or prohibits specific operation known to generate Gasoline emissions
 - Prevent spillage using overfill protection (L), spill boxes (M), breakaways, and poppet valves (Q)
 - Keep closed caps (K) and dome hatches (N)(O)
 - Maintain vapor and liquid tight seals (D), (E), (F), (I), (J)
 - Load Gasoline using CARB Phase I equipment (G) and prohibits top loading (H)





Dispensing Location Requirements for the Owner or Operator of a Mobile Fueler (g)(1) – (g)(6)

- Requires an owner or operator of a Retail Mobile Fueler that is transferring or dispensing Gasoline:
 - To only Dispense Gasoline at a Dispensing Location that is Registered under Rule 222 or has a Permit to Operate (g)(1)
 - Only one mobile fueling company can dispense gasoline at a specific Dispensing Location (g)(2)
 - If Dispensing Location is 1,000 feet or less from a School, Dispensing can only occur outside the hours of 7:30 AM and 4:30 PM or when School is not in session (g)(3)
- Owner or operator of a Retail Mobile Fueler cannot Transfer or Dispense Gasoline unless
 - Dispensing Location is approved by fire department or designated fire authority (g)(4)
 - Mobile Fueler and equipment being fueled are both inside the Dispensing Location (g)(6)
- Owner or operator cannot Dispense or Transfer Gasoline on public streets (g)(5)



g

Dispensing Location Requirements for the Owner or Operator of a Dispensing Location (g)(7)

- Not allow (g)(7)
 - More than one Retail Mobile Fueler owner or operator (i.e., company) during the same calendar month
 - Retail Mobile Fueler to operate unless the owner or operator is listed on the registration or permit to operate of the Dispensing Location
 - Retail Mobile Fueler to operate if Dispensing Location also has a permit to operate Non-Retail Mobile Fuelers
 - Retail Mobile Fueler to operate between the hours of 7:30 a.m. to 4:30 p.m. when School is in session, if within 1,000 feet of the School



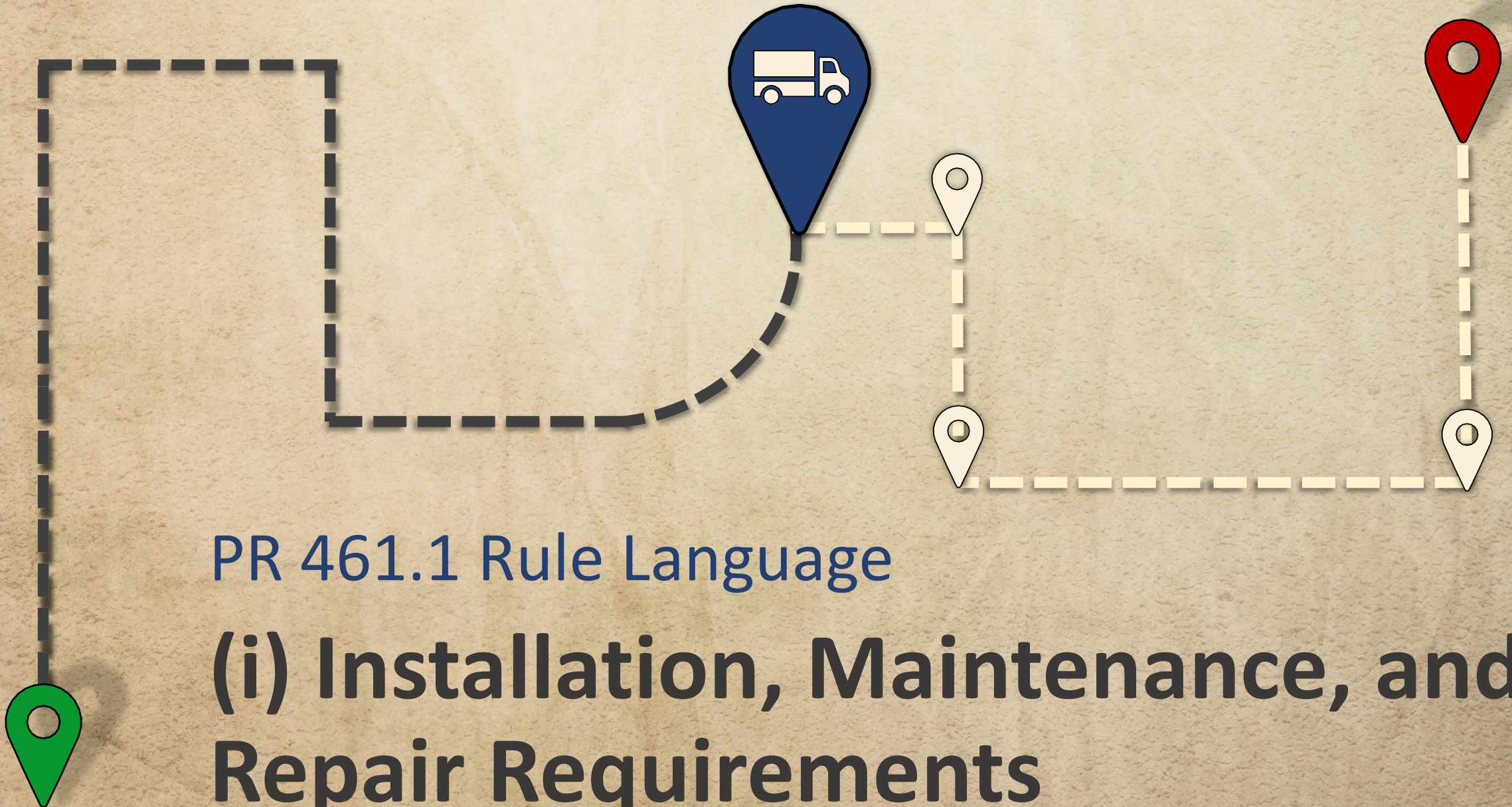


Labeling Requires for Mobile Fuelers (h)

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) Letters are at least 3 inches in height and contrast against the background color.

Signs visible to the public
in case there are air quality
concerns about mobile
fueling operations



PR 461.1 Rule Language

(i) Installation, Maintenance, and Repair Requirements



Installation, Maintenance, and Repair (i) Maintenance

- Requires CARB Certified Control Equipment:
 - Be maintained in accordance with specifications (i)(1)(A)
 - If a minor defect is found, within seven days, repair or replace the component (i)(1)(B)
 - Not replace any component with one that is not certified for the system (i)(1)(C)
 - Maintain components as supplied unless there was a repair or maintenance that would restore the function or performance that followed the qualified manufacturer's instructions and only used applicable parts supplied by the qualified manufacturer (i)(1)(D)
 - Only allow rebuilding by a person authorized by CARB (i)(1)(E)



Installation, Maintenance, and Repair (i) Certification Program

- Not repair or replace breakaways, hoses, and nozzles from CARB Certified Control Equipment without first completing the relevant state certification program (i)(2)
- Not install, alter, repair, or replace CARB Certified Control Equipment without first obtaining the manufacturer's certification and completing the relevant state certification program (i)(3)
- Use only CARB Certified components that are labeled for CARB Certified Control Equipment (i)(4) and (i)(5)
- Visual inspection, repair, and replacement requirements for drive-off separations of CARB Certified Control Equipment (i)(6) and (i)(7)



PR 461.1 Rule Language

(j) Self-Compliance Program Requirements



Self-Compliance Program Requirements (j) Inspection and Maintenance

- Applies to Retail Mobile Fuelers and Non-Retail Mobile Fuelers
- Includes:
 - Conducting inspections (j)(1)
 - Daily
 - Annual
 - Employee training (j)(2)
 - Performing periodic maintenance (j)(3)
- Prevents violations through repairs identified during routine inspections and maintenance (j)(4)



PR 461.1 Rule Language

(k) Recordkeeping



Recordkeeping (k) Overview

- Recordkeeping requirements from Rule 461
 - Monthly throughput recordkeeping
 - Operation and Maintenance (O&M) Manual
 - Repairs and tests
 - Daily and periodic maintenance inspections
 - Record of manufacture training requirements
- PR 461.1 requires additional recordkeeping for:
 - Identifying Dispensing Locations
 - Dispensing per Dispensing Location
 - Each Transfer
 - Additional records to track Gasoline



Recordkeeping (k) O&M Manual

- (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 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 (1)(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.

Incorporates O&M
Manual from Rule 461



Recordkeeping (k) Repairs

- (2) For each Dispensing Location, the owner or operator of a Retail Mobile Fueler shall maintain the following information:
- (A) South Coast AQMD facility ID for the Dispensing Location;
 - (B) South Coast AQMD registration or permit to operate number for the dispensing location;
 - (C) Name of the Dispensing Location;
 - (D) Address of the Dispensing Location;
 - (E) County of the Dispensing Location;
 - (F) 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;
 - (iv) Email for the contact; 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 that the transfer or dispensing of gasoline from a retail mobile fueler is not required at the specified dispensing location.

- Applicable to Retail Mobile Fueler
- Maintain a list with information for each Dispensing Location the company operates at



Recordkeeping (k) Dispensing Information

(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 or registration number for the mobile fueler | Yes | Yes |
| 1.5 South Coast AQMD facility ID for the dispensing location | Yes | Not Applicable |
| 1.6 South Coast AQMD registration or permit to operate number for the dispensing location | Yes | Not Applicable |
| 1.7 Name of the dispensing location | Yes | Yes |
| 1.8 Address of the dispensing location | Yes | Yes |
| 1.9 County of the dispensing location | Yes | Yes |
| 1.10 Total gallons of each type of gasoline dispensed | Yes | Yes |

- Applicable to Retail and Non-Retail Mobile Fueler
- Records of Dispensing information for each Dispensing event at each location
- Records verify the throughput is not exceeded at a Dispensing Location



Recordkeeping (k) Transfer Information

(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 or registration number for mobile fueler | Yes | Yes |
| 2.4 Identification of cargo tank transferring the gasoline and cargo tank 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 cargo tank compartment | Yes | Yes |

- Applicable to Retail and Non-Retail Mobile Fueler
- Maintain records of Gasoline Transfers (i.e., loading and unloading)
- Records supplement Dispensing records



Recordkeeping (k) Totalizer and Inventory Reconciliation

- (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) Inventory reconciliation records indicating the following for each mobile fueler inventory reset:
 - (i) Date of inventory reset;
 - (ii) Time of inventory reset;
 - (iii) Mobile fueler permit number; and
 - (iv) Volume in gallons.

- Applicable to Retail Mobile Fueler
- Maintain totalizer and inventory reconciliation records
- Records supplement Dispensing records



Recordkeeping (k) Monthly Dispensing Record

(6) On or before the 20th 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 | Yes, if applicable |
| 3.2 South Coast AQMD registration or permit number for the dispensing location | Yes | Yes, if applicable |
| 3.3 Name of the dispensing location | Yes | Yes |
| 3.4 Address of the dispensing location | Yes | Yes |
| 3.5 County of the dispensing location | Yes | Yes |
| 3.6 Total gallons of each type of gasoline dispensed at the dispensing location in the calendar month | Yes | Yes |
| 3.7 List of South Coast AQMD permit to operate numbers of all mobile fuelers that dispensed at the dispensing location in the calendar month | Yes | Yes |
| 3.8 The most restrictive throughput limit of any mobile fueler that operated at the dispensing location in the calendar month | Yes | Yes |

- Applicable to Retail and Non-Retail Mobile Fueler with a throughput per Dispensing Location
- Maintain monthly summary records of what was Dispensed at a Dispensing Location
- Records for prior month shall be prepared by 20th of the following month



Recordkeeping (k) Monthly Throughput Records

- (7) On or before the 20th of each calendar month, the owner or operator of a Non-Retail Mobile Fueler without a throughput limit per dispensing location date 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 20th 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.

- Applicable to Retail Mobile Fueler complying with (1)(2)(B) and Non-Retail Mobile Fueler without a throughput per Dispensing Location
- Maintain records of the total gallons Dispensed by the Mobile Fueler in a month
- Records for prior month shall be prepared by 20th of the following month



k

Recordkeeping (k) Transfer Receipts and Equipment Records

(9) 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) Transfer receipts for each Transfer;
- (B) Records of all components installed, defective components identified or repaired during self-compliance inspections;

- Applicable to Retail and Non-Retail Mobile Fueler
- Maintain Transfer receipts
- Maintain records of component installation as well as defects and repairs from self-compliance inspections



Recordkeeping (k)

Repair Logs

- (C) 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;

- Applicable to Retail and Non-Retail Mobile Fueler
- Maintain repair logs



Recordkeeping (k) Testing Records

- (D) 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 the facility 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;

- Applicable to Retail and Non-Retail Mobile Fueler
- Maintain test records



Recordkeeping (k)

Daily and Periodic Records

- (E) Records of daily maintenance inspections required pursuant to subparagraph (j)(1)(A);
- (F) On days the Mobile Fueler 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 Fueler did not operate on this date;
- (G) Records of periodic compliance inspections required pursuant to subparagraph (j)(1)(B); and
- (H) Records that demonstrate the Installer or Contractor that installed or altered the CARB Certified vapor recovery system has successfully completed a manufacturer training program and any relevant state certification program applicable to the CARB Certified Phase I and Phase II Vapor Recovery Systems and the associated components thereof as specified in paragraph (i)(4).

- Applicable to Retail and Non-Retail Mobile Fueler
- Maintain records of daily maintenance (may mark days when Mobile Fueler is not operated)
- Maintain records of periodic compliance inspections
- Records that demonstrate the installer or contractor has completed manufacturer training program



Recordkeeping (k) Maintaining and Providing Records

- (10) A person who performs the installation of components, self-compliance inspections, repairs or testing for any Mobile Fueler with a Cargo Tank equipped with a CARB Certified Control Equipment shall provide to the owner or operator of a Mobile Fueler all records specified in subdivision (m), as applicable, at the end of each day when the service is provided.
- (11) 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)(10) for at least two years or, if the Mobile Fueler is permitted to operate at a Title V facility, 5 years.
- (12) The owner or operator of a Retail Mobile Fueler or a Non-Retail Mobile Fueler shall provide all records upon request to the South Coast AQMD.

- Person performing services with reporting requirements shall provide records at the end of the day of service
- Maintain records for 2 years (5 years for Title V facility)
- Provide records to the South Coast AQMD upon request



PR 461.1 Rule Language

(I) Testing



Testing (I) Methods and Frequency

CARB Certified Phase I and Phase II Vapor Recovery Systems

- Use approved test methods (I)(1)(A)
- Pass performance tests (I)(1)(B)
- Pass reverification tests (I)(1)(C)
- Conduct reverification tests for:
 - Retail Mobile Fueler, either
 - Semiannually (I)(2)(A); or
 - Annually with documented low throughput (I)(2)(B)
 - Non-Retail Mobile Fueler – Annually (I)(3)
- Specifies subsequent testing schedule (I)(4), (I)(5), and (I)(6)



Testing (I) Contractors and Failed Tests

- Specifies requirements for persons conducting testing on Mobile Fuelers (I)(7)
- Specifies procedure for retests after failing a test (I)(8)
- Prohibits Mobile Fueller operation after failed test unless at Dispensing equipment which can be isolated from remaining equipment that successfully passed tests (I)(9)





Reporting (m) Records

- (1) On or before the 20th calendar day of each month, the owner or operator of a Retail Mobile Fueler shall provide the applicable records required by paragraph (k)(2) to the Executive Officer in an approved format.
- (2) 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.

- Applicable to Retail Mobile Fueler
- Submit records of information for all active Dispensing Locations on the 20th of each month

- Applicable to Retail Mobile Fueler and Non-Retail Mobile Fueler
- Incorporated from Rule 461
- Submit records of monthly summary of Dispensing by location for the year by March 1st



Reporting (m) Tests

- (3) 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.
- (4) 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.

- Applicable to person who performs a reverification test
- Incorporated from Rule 461
- Submit pass/fail test results within 72 hours of test
- Submit final test report within 14 days of passed test



PR 461.1 Rule Language

(n) Exemptions



n

Exemptions (n) Delayed Location Requirements

- Exemption for testing equipment used by regulatory agencies (n)(1)
- Exemption for the fueling of Tournament of Roses parade floats (n)(2)
- Delayed requirements for Mobile Fuelers that were previously not subject to Rule 461 (n)(3) and (n)(4)
- Delayed requirements for Dispensing Locations and Mobile Fuelers operating at Dispensing Locations (n)(5) and (n)(6)

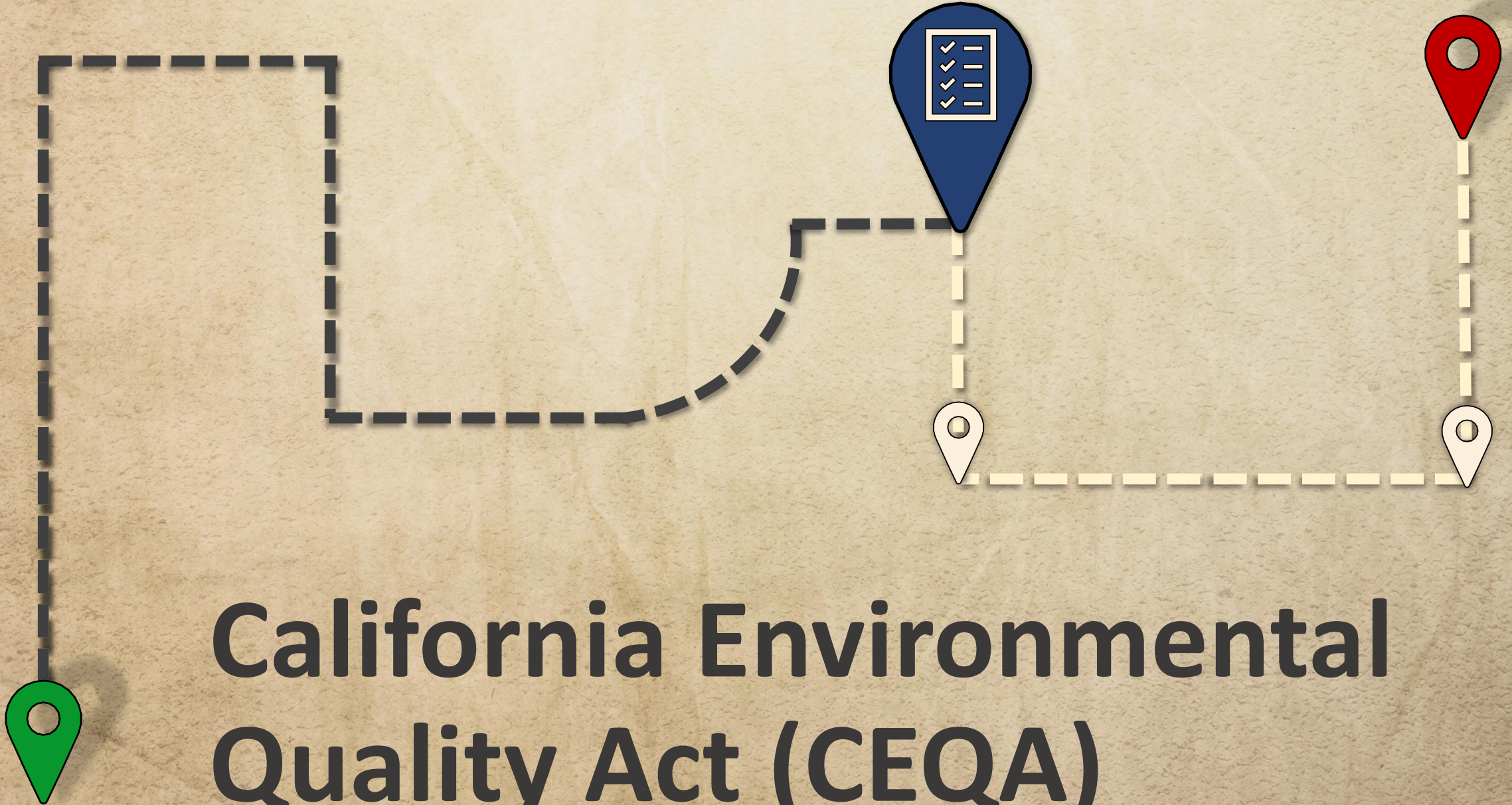


PR 461.1 Rule Language
Attachments



Attachments

- Implemented from Rule 461 rule language:
 - Attachment A – Out of Order Protocol
 - Attachment D – Testing on a Weekend Day
- Implemented from Rule 461 attachments and updated for mobile fueler requirements:
 - Attachment B – Daily Maintenance Inspection Protocol
 - Attachment C – Periodic Compliance Inspection Protocol



California Environmental Quality Act (CEQA)



CEQA

- PR 461.1, and PARs 461, 219 and 222 comprise the proposed project which is subject to CEQA
- Decision to prepare 30-day Draft Environmental Assessment (EA)
 - Equivalent to a Negative Declaration which will contain a project description (Chapter 1) and environmental checklist (Chapter 2) to evaluate proposed project's impacts on 18 topic areas
 - No significant impacts are expected
 - No CEQA scoping meeting is required to be held
 - Analysis of alternatives and mitigation measures is not required
 - Will be released for a 30-day public review and comment period in November 2021
- Final EA
 - Will include responses to Draft EA comment letters and any necessary modifications to Draft EA
 - Governing Board must certify Final EA



Socioeconomics



Scope of Socioeconomic Impact Assessment

- California Health and Safety Code Section 40440.8
 - Requires socioeconomic impact assessment for proposed rule or rule amendment which “will significantly affect air quality or emissions limitations”
 - Socioeconomic impact assessment shall consider:
 1. Type of affected industries, including small businesses
 2. Range of probable costs, including costs to industry or business
 3. Impact on employment and regional economy



Cost Considerations

- One-time compliance costs
 - One-time cost of new equipment (e.g., purchase of mobile fuelers)
 - Permitting (one-time)
- Recurring costs
 - Annual Certification
 - Permitting & Fees (e.g., annual renewals)
 - Registration (e.g., dispensing locations)
 - Title V Permit (needed if dispensed on Title V facility)
 - Annual Maintenance of Equipment
 - Reporting & Recordkeeping
- Staff is looking for input on these and/or other costs



Next Steps



Public Hearing
January 7, 2022



Set Hearing
December 3, 2021



Stationary Source Committee
November 19, 2021



Written Comments Due
November 10, 2021




PARs 461, 222, 219, and PR 461.1 Staff Contacts

Please contact staff with any questions or comments


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