

**State of California
Air Resources Board**

Executive Order VR-602-A

**Related to the Certification of Mobile Dispensing System and
Non-Vapor Recovery Components**

**Shell TapUp, Mobile Fueling On-Demand Tank Vehicle
Gasoline Dispensing System for ORVR Vehicles**

Whereas, the California Air Resources Board (CARB) has established, pursuant to California Health and Safety Code sections 39600, 39601 and 41954, certification procedures for the control of gasoline vapor emissions during motor vehicle refueling operations in its "Certification Procedure for Vapor Recovery Systems of Novel Facilities" (CP-205), as last amended on March 17, 1999, incorporated by reference in Title 17, California Code of Regulations, Section 94015;

Whereas, CARB has established, pursuant to California Health and Safety Code sections 39600, 39601, 39607, and 41954, test procedures for determining the compliance of low permeation hoses and enhanced conventional (ECO) nozzles with applicable performance standards;

Whereas, Shell TapUp requested certification of its mobile fueling on- demand (MFOD) tank vehicle (commonly called a mobile refueler) that receives gasoline from bulk terminals or bulk plants, transports gasoline, and exclusively refills motor vehicles equipped with on-board refueling vapor recovery (ORVR) directly from the MFOD tanks;

Whereas, the MFOD tank vehicle is considered a novel facility under Certification Procedure CP-205 because several other CARB Certification Procedures do not apply;

Whereas, CP-205 utilizes certified systems or components from other CARB Certification Procedures for a new application such as mobile refuelers;

Whereas, CP-205 provides that CARB's Executive Officer shall issue an Executive Order if he or she determines that the vapor recovery system conforms to all applicable requirements set forth in CP-205;

Whereas, I, Steven S. Cliff, CARB Executive Officer, find that the Shell TapUp MFOD tank vehicle conforms to all requirements set forth in CP-205, including compatibility when fueling vehicles equipped with ORVR systems and in compliance with applicable performance standards or specifications listed in Certification Procedures.

Now, therefore, it is hereby ordered that the Shell TapUp MFOD tank vehicles gasoline dispensing components will not exceed their applicable performance standards when installed, operated, and maintained as specified herein including Exhibit 1, Components List and Other Requirements.

It is further ordered that as conditions of this certification, Shell TapUp shall comply with the following:

1. Comply with all applicable local air district rules and permitting requirements;
2. Meet all local fire and life safety standards and permitting requirements of the local Fire Marshal and/or Certified Unified Program Agency (CUPA), where applicable;
3. Shell TapUp shall fuel gasoline fleet vehicles exclusively that are equipped with ORVR. Shell shall not sell fuel to the general public. This Executive Order pre-empts any District ORVR fleet exemption level established in District rules. Dispensing gasoline to non-ORVR vehicles, or any gasoline containers, is prohibited;
4. Perform all loading of gasoline into MFOD tank vehicles at terminals with CARB certified vapor recovery systems. MFOD tank vehicles shall be filled from the bottom per CARB Executive Order G-70-10-A;
5. Prohibit operators and employees from "splash loading" gasoline, or loading in a means other than bottom loading or filling without a submerged fill pipe, i.e., dispensing with a nozzle through an open compartment dome lid into MFOD tank vehicles, under all circumstances unless in the case of an emergency as determined by local, state, and/or federal fire and life safety standards;
6. Annually test and certify all MFOD tank vehicles as required by CARB Certification Procedure for Vapor Recovery Systems of Cargo Tanks (CP-204), and affix a current CARB decal indicating compliance;
7. Maintain records, in an electronic format approved by the Executive Officer, demonstrating that only ORVR vehicles are refueled by MFOD tank vehicles. Such records shall be provided to the district as directed, and to CARB upon request;
8. Maintain copies of all required permits in each individual MFOD tank vehicle and make them available to all permitting agencies upon request.

It is further ordered that compliance with the applicable certification requirements, rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, the Office of the State Fire Marshal of the Department of Forestry and Fire Protection, and the Division of Occupational Safety and Health of the Department of Industrial Relations are made conditions of this certification.

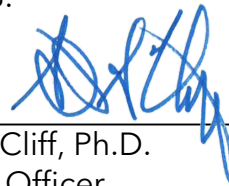
It is further ordered that the Shell TapUp MFOD tank vehicles shall be installed, inspected, operated, and maintained in accordance with the procedures and frequency specified in the CARB-Approved Installation, Operation, and Maintenance Manual (IOM). A copy of this Executive Order and the CARB-Approved IOM Manual shall be maintained in each Shell Up MFOD tank vehicle.

It is further ordered that any alteration in the equipment parts, design, installation, or operation of the system provided in Shell TapUp's certification application or documents and certified hereby is prohibited and deemed inconsistent with this certification unless the alteration has been submitted in writing and approved in writing by the Executive Officer or his or her delegate. Any sale, offer for sale, or installation of any system or component without CARB's approval is subject to enforcement action.

It is further ordered that the Shell TapUp MFOD tank vehicles shall be compatible with gasoline in common use in California at the time of certification. The Shell TapUp MFOD tank vehicles are not compatible with gasoline that has a methanol content greater than five percent or an ethanol content greater than ten percent. Any modifications to comply with future California gasoline requirements shall be submitted in writing and approved in writing by the Executive Officer or his or her delegate.

It is further ordered that the certification of Shell TapUp MFOD vehicles is valid for a period of four years from the date when this Executive Order is signed.

Executed at Sacramento, California, this 4 day of October 2023.



Steven S. Cliff, Ph.D.
Executive Officer

Attachment

Exhibit 1: Components List and Other Requirements and CARB Approved Installation and Operations Manual (IOM)