

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER VR-310-A

Relating to Certification of a Standing Loss Control Vapor Recovery System

Site-Specific Certification of a Floating Aboveground Storage Tank at Kaweah Marina

WHEREAS, the California Air Resources Board (CARB) has established, pursuant to California Health and Safety Code Sections 39600, 39601 and 41954, certification procedures for systems designed for the control of standing loss emissions for aboveground storage tanks in its Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities Using Aboveground Storage Tanks (CP-206) as last amended on April 23, 2015, incorporated by reference in Title 17 California Code of Regulations, Section 94016;

WHEREAS, CARB has established, pursuant to California Health and Safety Code Sections 39600, 39601, 39607, and 41954, test procedures for determining the compliance of standing loss control vapor recovery systems with performance standards;

WHEREAS, Kaweah Marina Inc. (Kaweah Marina), located at 34467 Sierra Drive, Lemon Cove, CA 93244, requested a site-specific standing loss control certification for its existing floating gasoline dispensing facility;

WHEREAS, CP-206 provides that the CARB Executive Officer shall issue an Executive Order if he or she determines that the standing loss control vapor recovery system conforms to all of the applicable requirements set forth in CP-206;

WHEREAS, I, Richard W. Corey, Executive Officer, find that the standing loss control vapor recovery system conforms with all requirements set forth in CP-206 and results in a vapor recovery system which shall not exceed 2.26 pounds of hydrocarbons per 1,000 gallons of ullage per day when tested pursuant to TP-206.1, Determination of Emission Factor for Standing Loss Control Vapor Recovery Systems Using Temperature Attenuation Factor at Gasoline Dispensing Facilities with Aboveground Storage Tanks (May 2, 2008);

NOW, THEREFORE, IT IS HEREBY ORDERED that the standing loss control vapor recovery system listed in this Executive Order is certified not to exceed 2.26 pounds of hydrocarbon per 1,000 gallons of ullage per day when installed, operated, and maintained as specified herein and in the following exhibits. Exhibit 1 contains an equipment list of the certified components. Exhibit 2 contains the site-specific system description and system drawings, sectional views, and images.

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 use of a CARB approved pressure/vacuum (P/V) vent valve shall be a condition of certification. CARB approved P/V vent valves are listed in Exhibit 1 of Executive Order VR-301 (Standing Loss Control Vapor Recovery Systems for Existing Installations of Aboveground Storage Tanks)¹;

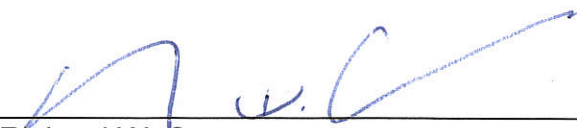
IT IS FURTHER ORDERED that all provisions, terms, and conditions for P/V vent valves listed in the latest version of Executive Order VR-301 (Standing Loss Control Vapor Recovery Systems for Existing Installations of Aboveground Storage Tanks) are incorporated by reference herein;

IT IS FURTHER ORDERED that any alteration in the equipment parts, design, installation, or operation of the system provided in Kaweah Marina's certification application or documents and certified hereby is prohibited and deemed inconsistent with this certification, and is subject to enforcement action, unless the alteration has been submitted in writing pursuant to the process for Executive Order amendments set forth in Section 19 of CP-206 and approved in writing by the Executive Officer or his delegate. Any sale, offer for sale, or installation of any system or component without CARB's approval as set forth above is subject to enforcement action.

IT IS FURTHER ORDERED that the standing loss control vapor recovery system shall be compatible with gasoline in common use in California at the time of certification and any modifications to comply with future California gasoline requirements shall be submitted in writing pursuant to the process for Executive Order amendments set forth in Section 19 of CP-206 and approved in writing by the Executive Officer or his delegate. The standing loss control system listed in this Executive Order is not compatible with gasoline that has an ethanol content greater than 10 percent.

IT IS FURTHER ORDERED that the site-specific standing loss control vapor recovery system installed at Kaweah Marina is valid for a period of four years from the date this Executive Order is signed.

Executed at Sacramento, California, this 4th day of April 2017.


Richard W. Corey
Executive Officer

Attachment:

- Exhibit 1 Equipment List
- Exhibit 2 System Specifications

¹ Executive Order is available at <https://www.arb.ca.gov/vapor/eo-astslc.htm>

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Standing Loss Control Vapor Recovery System

Exhibit 1

EQUIPMENT LIST

Equipment

Manufacturer/Model Number

Pressure/Vacuum Vent Valve

Listed in Executive Order VR-301

Aboveground Storage Tanks

A. Mosier Brothers Manufacturing
Model Number: None Given

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Site Specific Certification of a Floating Aboveground Storage Tank at Kaweah Marina
Standing Loss Control Vapor Recovery System

Exhibit 2

SYSTEM SPECIFICATION

System: Floating Gasoline Dispensing Facility (GDF) at Kaweah Marina
(see Figure 1-1)

Marina low profile double walled fuel tank,
2 x 800-gallon Mosier Brothers Single Wall Aboveground Storage Tanks
Pressure/Vacuum (P/V) Vent Valve

FIGURE 1-1
Floating Gasoline Dispensing Facility



Floating Gasoline Dispensing Facility (GDF) Description

The Kaweah floating GDF includes a double wall steel above ground storage tank with an 8 inch splash panel on top. The entire dock is covered on the surface with composite decking and two thirds of the tank sets in the water. The entire tank is painted with a U.S. Army Corps of Engineers (USACE) approved and required white epoxy based waterproof paint. Each tank is provided with six (6) inch emergency vents and an atmospheric vent terminating at 12 feet from the grade. Figure 1-2 below provides an image with key components labeled. Figure 1-3 provides a drawing and section view of the Floating GDF.

FIGURE 1-2
Floating Gasoline Dispensing Facility

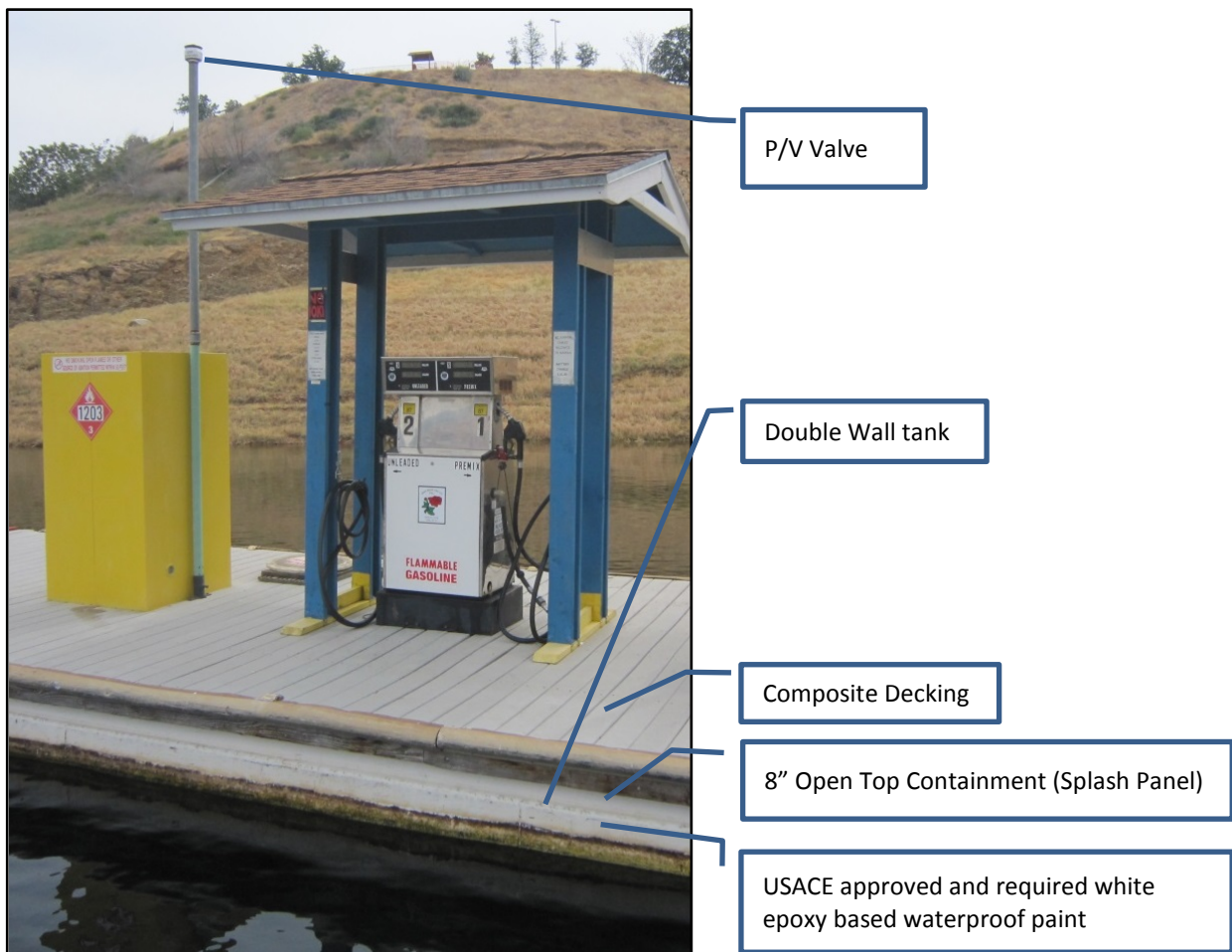


FIGURE 1-3
Floating Gasoline Dispensing Facility
Cross Sectional Detail View

