State of California
AIR RESOURCES BOARD

Executive Order NVR-1-I

Relating to Certification of Non-Vapor Recovery Hoses and Enhanced Conventional Nozzles

For Use at Gasoline Dispensing Facilities with No Phase II Vapor Recovery Systems

Whereas, pursuant to California Health and Safety Code Sections 25290.1.2, 39600, 39601, and 41954, the California Air Resources Board (CARB) has established certification procedures for control of gasoline vapor emissions from low permeation hoses and nozzles with no vapor recovery function in its Certification Procedure for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses for Use at Gasoline Dispensing Facilities (CP-207), as last amended on July 12, 2023, incorporated by reference in Title 17, California Code of Regulations, Sections 94017;

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 ECO nozzles with applicable performance standards;

Whereas, Executive Order NVR-1 was first issued on June 10, 2014, and was last modified on December 2, 2025, by Executive Order NVR-1-H;

Whereas, Husky Corporation requested modification to their Model 6025 ECO nozzle to add a new version that is compatible with gasoline fuel blends containing up to 25 percent ethanol (E15);

Whereas, the certification of low permeation hose and ECO nozzles expires on August 1, 2026;

Whereas, Executive Order G-21-474 delegates to the Chief of the Monitoring and Laboratory Division the authority to approve modifications and renew the certifications for low permeation hoses and ECO nozzles certified under CP-207; and

Whereas, I, Walter Ham, Chief of the Monitoring and Laboratory Division, find that components as renewed and the ECO nozzles modification listed above conform with all requirements set forth in CP-207 and result in a spillage rate which shall not exceed the standard of 0.05 pounds/1000 gallons, liquid retention which shall not exceed the standard of 100 milliliter (mL)/1000 gallons, spitting which shall not exceed 1.0 mL per nozzle per test and post-fueling drips which shall not exceed three drops/refueling, and that the low permeation hoses listed in Exhibit 1 conform with all

requirements set forth in CP-207 and result in a permeation rate which shall not exceed the low permeation hose standard of 10 grams per square meter per day ($g/m^2/day$).as determined by UL 330 (7^{th} edition) – Underwriters Laboratories' Standard for Hoses and Hose Assemblies for Dispensing Flammable Liquids.

Now, therefore, it is hereby ordered that the certified low permeation hoses and ECO nozzles listed will not exceed their applicable performance standards when installed, operated, and maintained as specified herein and in the following exhibits. Exhibit 1 contains a list of the certified components covered by the Executive Order. Exhibit 2 contains the performance standards and specifications applicable to the components as installed in a gasoline dispensing facility (GDF) with no Phase II vapor recovery systems. Exhibit 3 contains the warranty for each manufacturer.

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

It is further ordered that the manufacturer of each component listed in Exhibit 1 shall provide a warranty to the initial purchaser that shall be honored by the manufacturer for each and every subsequent purchaser of the applicable component within the warranty period. The manufacturer warranty tag, included with each component, shall be provided to the service station owner/operator at the time of installation. The warranty shall warrant that the applicable component listed in the Executive Order complies with all warranty requirements in Section 10.4 of CP-207 and will continue to meet all applicable performance standards for the duration of the warranty period. Manufacturers may specify that the warranty is contingent upon the use of trained installers.

It is further ordered that certified components shall be installed, operated, and maintained in accordance with the CARB Approved Installation, Operation, and Maintenance Manual. A copy of the Executive Order and the CARB Approved Installation, Operation and Maintenance Manual shall be maintained at each GDF where certified low permeation hoses and ECO nozzles are installed.

It is further ordered that components listed in Exhibit 1, unless exempted, shall be clearly identified by a permanent identification showing the manufacturer's name, model number, and serial number.

It is further ordered that any alteration in the equipment parts, design, installation, or operation of the listed components provided in the manufacturers' certification application or documents and certified hereby is prohibited and deemed inconsistent with this certification, unless the alteration has been submitted in writing pursuant to the process Executive Order amendments set forth in Section 12 of

CP-207 and approved in writing by the CARB Executive Officer or his or her delegate. Any sale, offer for sale, or installation of components without CARB approval as set forth above is subject to enforcement action.

It is further ordered that, unless identified specifically as being compatible with fuel blends containing up to between 10.5 and 15 percent ethanol (E15) or more, the listed low permeation hoses and ECO nozzle are certified as being compatible with gasoline in common use in California at the time of certification and is not compatible with gasoline containing more than 10.5 percent ethanol (E10). Any modifications to comply with future California gasoline requirements shall be approved in writing by the CARB Executive Officer or his or her delegate.

It is further ordered that the certification of the low permeation hoses and nozzles listed in Exhibit 1 of this Executive Order is valid through August 1, 2030.

It is further ordered that Executive Order NVR-1-H issued on December 2, 2025, is hereby superseded by this Executive Order. Low permeation hoses and ECO nozzles certified by Executive Orders NVR-1 through NVR-1-H may remain in use at existing installations up to four years after the expiration date of this Executive Order if the certification is not renewed.

Executed at Sacramento, California, this _**5th**_ day of __**October**___ 2026.

Walter Ham (Oct 5, 2026 09:56:38 PDT)

Walter Ham, Ph.D., Chief
Monitoring and Laboratory Division

Attachments:
Exhibit 1 Component List
Exhibit 2 Component Specifications
Exhibit 3 Manufacturer Warranties