EXHIBIT 2

Low Permeation Hose and Enhanced Conventional (ECO) Nozzle Specifications

This exhibit contains the installation, maintenance and compliance standards and specifications that apply to low permeation conventional hoses and ECO nozzles installed at gasoline dispensing facilities (GDF) with no Phase II vapor recovery system. All components must be installed, maintained, and operated in accordance with the **CARB Approved Installation, Operation and Maintenance Manual (IOM)**. Installation and inspection of low permeation hoses and ECO nozzles can be performed by any technician and GDF owner/operator. Certifications to install low permeation hoses and ECO nozzles may be required in accordance with local district requirements.

Low Permeation Conventional Hoses

1. For Dispenser installations, the maximum length of the hose assembly, including the low permeation curb hose, breakaway, and low permeation whip hose combined shall not exceed eighteen (18) feet as measured from the base of the nozzle to the end of the dispenser adaptor or dispenser.

2. For Mobile Refueler installations utilizing a hose reel, hose lengths greater than eighteen (18) feet are permitted.

3. All hoses shall have a permanent identification showing the manufacturer name, model of hose, and serial number.

4. Any hose configuration is allowed.

Enhanced Conventional Nozzles

1. Any nozzle that dispenses fuel with the miniboot in a free state condition, as determined by the monthly inspection procedure, shall be removed from service until repaired or replaced.

2. Any nozzle that dispenses fuel at less than five (5.0) gallons per minute (gpm) when determined as part of any CARB approved test method or direct measurement for a minimum of 30 seconds shall be removed from service until repaired or replaced.

Flow Limiters

1. A flow limiter is mandatory when the flow rate is greater than ten (10.0) gpm to comply with U.S. EPA requirement. The flow rate can be determined as part of any CARB approved test method or direct measurement for a minimum of 30 seconds.

Breakaway Couplings (any manufacturer model)

1. Breakaways that are reconnectable may be reconnected following a drive-off after conducting a visual and functional assessment.

Warranty

1. Each manufacturer listed in Exhibit 1 shall include a warranty tag with the certified low permeation hose(s) or ECO nozzle. The manufacturer warranty tag, included with each component, shall be provided to the service station owner/operator at the time of installation.

Maintenance Records

1. Each GDF operator owner shall keep records of maintenance/inspections performed at the facility. Such records shall be maintained on site in accordance with district requirements or policies. An example of a GDF maintenance and inspection form is shown in Form 2-1.

2. Inspections shall be conducted in accordance with the CARB Approved Installation, Operation, and Maintenance Manual.

Form 2-1

Inspection/Maintenance Record Form

Hose Inspection Procedure: Inspect for leaks, kinks, blisters, bulges, flattened areas, soft spots, any cuts or gouges.

Nozzle Inspection Procedure: See the Inspections and Maintenance section of the installed ECO Nozzle.

Date of Inspection	**Fueling Point**	**Pass (P) Fail (F)** (circle one)	**Maintenance Performed** (if required)	**Name of Individual Conducting Inspection/Maintenance and Affiliation**
		P / F		
		P / F		
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