

**MODEL NUMBERS ASSOCIATED WITH EXHIBIT 5 TESTING
 FOR EXISTING ASSIST PHASE II SYSTEMS**

This informational bulletin is intended for contractors performing work under Exhibit 5 on existing gasoline dispensing facilities (GDF) equipped with the Assist Phase II Enhanced Vapor Recovery Systems certified by Executive Orders (EO) VR-201, VR-202, and VR-210 (a site-specific certification). Exhibit 5, the Vapor to Liquid (V/L) Volume Ratio test procedure, is used to quantify the V/L volumetric ratio of the Healy Model 900 Enhanced Vapor Recovery (EVR) Nozzles. During this test, a tight fitting adaptor is placed on the spout of the nozzle, isolating vapor flow to the nozzle vapor collection ports, and connected to a volume gas meter. While gasoline is dispensed, the volume of vapors is measured and a V/L volumetric ratio is determined by dividing the volume of vapor measured by amount of gasoline dispensed.

The latest version of EOs VR-201 and VR-202 (both beginning with revision V) and VR-210 (beginning with revision D), Exhibit 5, call out the part numbers of the recently certified Healy Enhanced ORVR-Vehicle Recognition (EOR) nozzles and the surrogate EOR spout, as well as the Healy Adaptor and the Triangle Gold Adaptor necessary to perform the V/L tests. Tables 1 and 2 list the part numbers for the proper surrogate spout and adaptors to use with the EOR nozzle. Prior versions of EOs VR-201, VR-202, and VR-210 do not list the parts for the EOR nozzle and surrogate spout. After December 31, 2017, only EOR nozzles are manufactured. This informational bulletin serves as a reminder that the only replacement for existing Healy nozzles are EOR nozzles and that the correct adaptors and surrogate spouts must be utilized to determine V/L.

Table 1: EOR Nozzle and Adaptors, EOs VR-201/202 V (Exhibit 5) and VR-210

Nozzle	Healy Adaptor Model 8034-1	Healy Adaptor Model 8034-3	Triangle Gold Adaptor P/N 20170329
Healy Original Model 900	•	•	•
Healy Model 900 (EOR) With Modified Spout		•	•

Table 2: Surrogate Spout and Adaptors, EOs VR-201/202 V (Exhibit 5) and VR-210

Surrogate Spout	Healy Adaptor P/N 8034-1	Healy Adaptor P/N 8034-3	Triangle Gold Adaptor P/N 20170329
P/N 8175	•	•	•
(EOR) 405803901		•	•

If you have questions regarding this informational bulletin, please contact your local air district (list of air district contacts is available at <https://ww2.arb.ca.gov/air-pollution-control-districts>) or CARB vapor recovery program staff at (916) 327-0900 or via email at vapor@arb.ca.gov. Additional vapor recovery information is available at CARB's webpage at: <https://ww2.arb.ca.gov/our-work/programs/vapor-recovery>.