**Date:** March 1, 2006

**To:** Gas Station Owners & Gas Station Testing Representatives

**From:** Steve Van Slyke & Larry Vaughn

**Subject:** Acceptable Air-to-Liquid Ratio Test Procedures

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Puget Sound Clean Air Agency requires source testing of Stage 2 Vapor Recovery systems in accordance the CARB procedures identified in Table 3 of Regulation II, Section 2.07(f). In that table, the Air-to-Liquid Ratio Test Procedure approved for use is CARB Test Procedure TP-201.5, adopted on February 1, 2001. The previous CARB approved version of this test procedure was adopted on April 12, 1996. CARB had previously approved various equivalent test methods to the April 12, 1996 version of TP-201.5, but has continued to evaluate whether the 2001 version of TP-201.5 is equivalent to the 1996 version since that time.

This memorandum is intended to clarify which of the existing alternative test methods are acceptable to this Agency to satisfy the requirements of CARB Test Procedure TP-201.5 for compliance with Regulation II, Section 2.07(f). This Agency recognizes the methods and will accept as valid compliance tests when they are used if conducted as follows:

| **Hasstech VacuSmart (approved for these systems only)** | |
|---|---|
| **Stage 2 System** | **Executive Order** |
| Amoco V-1 Catlow Vapor Mate | G-70-118-AB |
| Gilbarco Vapor Vac (High A/L only) | G-70-150- AE |
| Dresser Wayne | G-70-153-AC |
| Tokheim MaxVac | G-70-154-AA |
| OPW Vapor EZ | G-70-163-AA |
| Hastech Vacurite | G-70-164-AA |
| Franklin IntelliVac | G-70-169-AA |
| Catlow ICVN | G-70-179 |
| Schlumberger SAVR | G-70-94-32 |

| **Triangle Tri-Tester (approved as specified below)** | | |
|---|---|---|
| **Systems that can be tested** | **Require Software Version** | **Gallons Dispensed** |
| Systems certified prior to 2001 (Most existing systems) | Software version 2.96 | 2 gallons |
| Healy/Franklin (ORVR) and new EVR Stage 2 systems | Software Version 4.01 | 4.5 gallons |

Questions regarding testing of gas stations should be referred to the Puget Sound Clean Air Agency (800) 552-3565. Any changes or updates to this regulatory interpretation will be shared with stakeholders and posted to the Agency website at that time.