

California Environmental Protection Agency

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 **Air Resources Board**

**Vapor Recovery Test Procedure**

**PROPOSED: 2<sup>nd</sup> Modified TP - 201.2B**

~~DETERMINATION OF FLOW VERSUS PRESSURE FOR  
EQUIPMENT IN PHASE II VAPOR RECOVERY SYSTEMS OF  
DISPENSING FACILITIES~~

Pressure Integrity of Vapor Recovery Equipment

Adopted: April 12, 1996

Amended: \_\_\_\_\_

Note: This document consists of the text of the proposed amendment to TP-201.2B. Amendments proposed during the 45-day notice period are shown with underline for additions and ~~strikeout for deletions~~.

Proposed 15-day changes (September 29, 2000) are shown with double underline for additions and ~~italic strikeout for deletions~~.

Proposed 15-day changes (December 12, 2000) are shown with **bold italics** for additions and ~~SMALL CAP STRIKEOUT~~ for deletions.

The modified version of TP-201.2B, released September 29, 2000, consisted of 23 pages of regulatory text and figures. This second modified version of TP-201.2B includes only page 4 of Appendix 1 because only the regulation text on that page is further modified.

be three percent of full scale. This pressure gauge shall be connected to the test stand.

5.6 Mechanical Pressure Gauge: Mechanical pressure gauge or equivalent with a full-scale range of -20 to 0 to 20 inches H<sub>2</sub>O. The minimum diameter of the gauge face shall be four inches, and the minimum accuracy of the gauge shall be three percent of full scale. This pressure gauge shall be connected to the pressure vacuum reservoir.

5.57 Pressure/Vacuum Reservoir Tank. Use a pressure/vacuum tank with a minimum internal volume of 5 gallons and pressure rated to at least 5 psi. ~~Outfit the tank with a mechanical pressure gauge or equivalent with a full-scale range of -20 to 0 to 20 inches H<sub>2</sub>O. The minimum diameter of the gauge face shall be four inches, and the minimum accuracy of the gauge shall be three percent of full scale.~~

5.68 Metal Bellows Pump. Use a Parker Hannifin® Model MB-41 Metal Bellows Pump, or equivalent, ~~and~~ capable of producing -2 psi through +2 psi.

5.79 Stopwatch. Use a stopwatch accurate to within 0.2 seconds.

5.810 Teflon sealing tape. To be used only if a sealant is specified in the manufacturer's installation instructions.

5.911 2"-3" diameter bushing-adapter. For use with P/V valves with 3" diameter bases.

5.102 Self-adhesive stickers for identifying individual P/V valves that do not have serial numbers.

5.13 1-5 lb weight for use with slip-on type P/V valves.

5.14 Commercial Grade Gaseous Nitrogen with a Two Stage Pressure Regulator. In lieu of a pressure reservoir, ~~5.55.7,~~ and metal bellows pump, ~~5.65.8,~~ commercial grade gaseous nitrogen in a high-pressure cylinder, equipped with a two-stage pressure regulator and a one psig pressure relief valve may be used.

## 6 PRE-TEST PROTOCOL

6.1 Conduct a pre-test leak check of the test stand apparatus prior to any series of testing at a specified location.

6.1.1 Configure test equipment as shown in Figure ~~2xx~~ to pressurize the reservoir tank.

6.1.2 Apply teflon tape to test stand apparatus and thread on test cap.

