

TITLE 17. PUBLIC HEALTH  
DIVISION 3. AIR RESOURCES  
CHAPTER 1. AIR RESOURCES BOARD  
SUBCHAPTER 8. COMPLIANCE WITH NONVEHICULAR EMISSION STANDARDS  
ARTICLE 1. VAPOR RECOVERY SYSTEMS IN GASOLINE MARKETING OPERATIONS

**§ 94010. Definitions.**

The definitions of common terms and acronyms used in the certification and test procedures specified in Sections 94011, 94012, 94013, 94014, 94015, 94016 and 94017 are listed in D-200, "Definitions for Vapor Recovery Procedures", adopted April 12, 1996, as last amended April 23, 2015, which are incorporated herein by reference.

Note: Authority cited: Sections 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 25290.1.2, 39515, 41954, 41959, 41960 and 41960.2, Health and Safety Code.

**§ 94011. Certification of Vapor Recovery Systems of Dispensing Facilities.**

The certification of gasoline vapor recovery systems at dispensing facilities (service stations) shall be accomplished in accordance with the Air Resources Board's CP-201, "Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities" which is herein incorporated by reference. (Adopted: December 9, 1975, as last amended April 23, 2015).

The following test procedures (TP) cited in CP-201 are also incorporated by reference.

TP-201.1 – "Volumetric Efficiency for Phase I Systems" (Adopted: April 12, 1996, as last amended July 26, 2012)

TP-201.1A – "Emission Factor For Phase I Systems at Dispensing Facilities" (Adopted: April 12, 1996, as last amended February 1, 2001)

TP-201.1B – "Static Torque of Rotatable Phase I Adaptors" (Adopted: July 3, 2002, as last amended October 8, 2003)

TP-201.1C – "Leak Rate of Drop Tube/Drain Valve Assembly" (Adopted: July 3, 2002, as last amended October 8, 2003)

TP-201.1D – "Leak Rate of Drop Tube Overfill Prevention Devices" (Adopted: February 1, 2001, as last amended October 8, 2003)

TP-201.1E – “Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves” (Adopted: October 8, 2003)

TP-201.1E CERT– “Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves” (Adopted: May 25, 2006)

TP-201.2 – “Efficiency and Emission Factor for Phase II Systems” (Adopted: April 12, 1996, as last amended July 26, 2012)

TP-201.2A – “Determination of Vehicle Matrix for Phase II Systems” (Adopted: April 12, 1996, as last amended July 26, 2012)

TP-201.2B – “Flow and Pressure Measurement of Vapor Recovery Equipment” (Adopted: April 12, 1996, as last amended October 8, 2003)

TP-201.2C – “Spillage from Phase II Systems” (Adopted: April 12, 1996, as last amended February 1, 2001)

TP-201.2D – “Post-Fueling Drips from Nozzle Spouts” (Adopted: February 1, 2001, as last amended October 8, 2003)

TP-201.2E – “Gasoline Liquid Retention in Nozzles and Hoses” (Adopted: February 1, 2001)

TP-201.2F – “Pressure-Related Fugitive Emissions” (Adopted: February 1, 2001, as last amended October 8, 2003)

TP-201.2G – “Bend Radius Determination for Underground Storage Tank Vapor Return Components” (Adopted: October 8, 2003, as last amended May 25, 2006)

TP-201.2H – “Determination of Hazardous Air Pollutants from Vapor Recovery Processors” (Adopted: February 1, 2001)

TP-201.2I – “Test Procedure for In-Station Diagnostic Systems” (Adopted: October 8, 2003, as last amended July 26, 2012)

TP-201.2J – “Pressure Drop Bench Testing of Vapor Recovery Components” (Adopted: October 8, 2003, as last amended July 26, 2012)

TP-201.3 – “Determination of 2 Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities” (Adopted: April 12, 1996, as last amended July 26, 2012)

TP-201.3A – “Determination of 5 Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities” (Adopted: April 12, 1996)

TP-201.3B - "Determination of Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities with Above-Ground Storage Tanks" (Adopted: April 12, 1996)

TP-201.3C – “Determination of Vapor Piping Connections to Underground Gasoline Storage Tanks (Tie-Tank Test)” (Adopted: March 17, 1999)

TP-201.4 – “Dynamic Back Pressure” (Adopted: April 12, 1996, as last amended July 3, 2002)

TP-201.5 – “Air to Liquid Volume Ratio” (Adopted: April 12, 1996, as last amended February 1, 2001)

TP-201.6 – “Determination of Liquid Removal of Phase II Vapor Recovery Systems of Dispensing Facilities” (Adopted: April 12, 1996, as last amended April 28, 2000)

TP-201.6C – "Compliance Determination of Liquid Removal Rate" (Adopted: July 3, 2002)

TP-201.7 – “Continuous Pressure Monitoring” (Adopted: October 8, 2003)

UL 330 (7<sup>th</sup> ed) - Underwriters Laboratories’ Standard for Hose and Hose Assemblies for Dispensing Flammable Liquids.

Note: Authority cited: Sections 25290.1.2, 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 25290.1.2, 39515, 41952, 41954, 41956.1, 41959, 41960 and 41960.2, Health and Safety Code.

#### **§ 94012. Certification of Vapor Recovery Systems for Gasoline Bulk Plants.**

The certification of gasoline vapor recovery systems at bulk plants shall be accomplished in accordance with the Air Resources Board's CP-202 "Certification Procedure for Vapor Recovery Systems of Bulk Plants" which is incorporated herein by reference. (Adopted: April 12, 1996, as last amended March 17, 1999)

The following test procedure (TP) cited in CP-202 is also incorporated by reference.

TP-202.1 - "Determination of Emission Factor of Vapor Recovery Systems of Bulk Plants" (Adopted: April 12, 1996, as last amended March 17, 1999)

Note: Authority cited: Sections 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 39515, 39607, 41954, 41959 and 41960, Health and Safety Code.

### **§ 94013. Certification of Vapor Recovery Systems for Gasoline Terminals.**

The certification of gasoline vapor recovery systems at terminals shall be accomplished in accordance with the Air Resources Board's CP-203 "Certification Procedure for Vapor Recovery Systems of Terminals" which is incorporated herein by reference. (Adopted: April 12, 1996, as last amended March 17, 1999).

The following test procedure (TP) cited in CP-203 is also incorporated by reference.

TP-203.1 - "Determination of Emission Factor of Vapor Recovery Systems of Terminals" (Adopted: April 12, 1996, as last amended March 17, 1999)

Note: Authority cited: Sections 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 39515, 39607, 41954, 41959 and 41960, Health and Safety Code.

### **§ 94014. Certification of Vapor Recovery Systems for Cargo Tanks.**

The certification of gasoline vapor recovery systems for cargo tanks shall be accomplished in accordance with the Air Resources Board's CP-204 "Certification Procedure for Vapor Recovery Systems of Cargo Tanks" which is incorporated herein by reference. (Adopted: April 18, 1977, as last amended November 7, 2014).

The following test procedures (TP) cited in CP-204 are also incorporated by reference.

TP-204.1 - "Determination of Five Minute Static Pressure Performance of Vapor Recovery Systems of Cargo Tanks" (Adopted: April 12, 1996, as last amended November 7, 2014)

TP-204.2 - "Determination of One Minute Static Pressure Performance of Vapor Recovery Systems of Cargo Tanks" (Adopted: April 12, 1996, as last amended May 27, 2014)

TP-204.3 - "Determination of Leak(s)" (Adopted: April 12, 1996, as last amended November 7, 2014)

Note: Authority cited: Sections 39600, 39601, 39607, 41954 and 41962, Health and Safety Code. Reference: Sections 39515, 39516, 39607, 41954 and 41962, Health and Safety Code.

### **§ 94015. Certification of Vapor Recovery Systems for Novel Facilities.**

The certification of gasoline vapor recovery systems for novel facilities shall be accomplished in accordance with the Air Resources Board's CP-205 "Certification

Procedure for Vapor Recovery Systems of Novel Facilities" which is incorporated herein by reference. (Adopted: April 12, 1996, as last amended March 17, 1999).

The following test procedures (TP) cited in CP-205 are also incorporated by reference.

TP-205.1 - "Determination of Efficiency of Phase I Vapor Recovery Systems of Novel Facilities" (Adopted: April 12, 1996, as last amended March 17, 1999)

TP-205.2 - "Determination of Efficiency of Phase II Vapor Recovery Systems of Novel Facilities" (Adopted: April 12, 1996, as last amended March 17, 1999)

Note: Authority cited: Sections 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 39515, 39516, 39607, 41954 and 41962, Health and Safety Code.

#### **§ 94016. Certification of Vapor Recovery Systems at Gasoline Dispensing Facilities Using Aboveground Storage Tanks.**

The certification of gasoline vapor recovery systems at dispensing facilities using aboveground storage tanks shall be accomplished in accordance with the Air Resources Board's CP-206, "Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities Using Aboveground Storage Tanks," adopted May 2, 2008, as last amended April 23, 2015, which is herein incorporated by reference.

The following test procedures (TP) cited in CP-206 are also incorporated by reference.

TP-206.1 - "Determination of Emission Factor for Standing Loss Control Vapor Recovery Systems using Temperature Attenuation Factor at Gasoline Dispensing Facilities with Aboveground Storage Tanks" (Adopted: May 2, 2008)

TP-206.2 - "Determination of Emission Factor for Standing Loss Control Vapor Recovery Systems using Processors at Gasoline Dispensing Facilities with Aboveground Storage Tanks" (Adopted: May 2, 2008, as last amended May 27, 2014)

TP-206.3 - "Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks" (Adopted: May 2, 2008, as last amended on July 26, 2012)

TP-206.4 – "Volumetric Efficiency of Phase I Vapor Recovery Systems for Aboveground Storage Tanks" (Adopted: November 7, 2014).

The following certification and test procedures cited in certification procedure CP-206 and adopted in section 94011 by incorporation by reference are also incorporated by reference herein:

CP-201, TP-201.1A, TP-201.1B, TP-201.1C, TP-201.1D, TP-201.1E, TP-201.1E CERT, TP-201.2, TP-201.2A, TP-201.2B, TP-201.2C, TP-201.2D, TP-201.2E, TP-201.2G, TP-201.2H, TP-201.2I, TP-201.2J, TP-201.4, TP-201.5, TP-201.6, TP-201.7, and UL-330 (7<sup>th</sup> Ed).

Note: Authority cited: Sections 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 39515, 39605, 41954, 41956.1, 41959, 41960 and 41960.2, Health and Safety Code.

### **§ 94017. Certification of Enhanced Conventional Nozzles and Low Permeation Hoses at Gasoline Dispensing Facilities.**

The certification of enhanced conventional nozzles and low permeation hoses at gasoline dispensing facilities shall be accomplished in accordance with the Air Resources Board's CP-207, "Certification Procedure for Enhanced Conventional (ECO) Nozzles and Low Permeation Conventional Hoses at Gasoline Dispensing Facilities," adopted April 23, 2015, which is herein incorporated by reference.

The following certification and test procedures cited in certification procedure CP-207 and adopted in sections 94011 and 94016 by incorporation by reference are also incorporated by reference herein:

CP-201, CP-206, TP-201.2C, TP-201.2D, TP-201.2E, and UL-330 (7<sup>th</sup> Ed).

Note: Authority cited: Sections 39600, 39601, 39607, and 41954, Health and Safety Code. Reference: Sections 39515, 39605, 41954, 41956.1, 41959, 41960, and 41960.2, Health and Safety Code.

### **§ 94150. Test Method for Determining 2 Inch WC Static Pressure Performance of Phase II Vapor Recovery Systems for Dispensing Facilities.**

The test method for determining the 2 Inch WC static pressure of Phase II vapor recovery system of dispensing facilities is set forth in the Air Resources Board's TP-201.3, "Determination of 2 Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities" which is incorporated herein by reference. (Adopted: April 12, 1996, as last amended July 26, 2012)

Note: Sections 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 39515, 39516, 39605, 40001 and 41954, Health and Safety Code.

**§ 94168. Test Method for Determining Static Pressure Performance of Phase II Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks.**

The test method for determining the static pressure of Phase II vapor recovery system of dispensing facilities at gasoline dispensing facilities with aboveground storage tanks is adopted in Section 94016 by incorporation by reference and is set forth in the Air Resources Board's TP-206.3, "Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks," which is incorporated herein by reference. (Adopted: May 2, 2008, as last amended July 26, 2012)

Note: Sections 39600, 39601, 39607 and 41954, Health and Safety Code. Reference: Sections 39515, 39516, 39605, 40001 and 41954, Health and Safety Code.