

13 CA ADC § 2030 - Liquefied Petroleum Gas or Natural Gas Retrofit Systems.

(a) Applicable Standards and Test Procedures.

The standards and test procedures for approval of systems designed to convert 1993 and earlier model year motor vehicles to use liquefied petroleum gas or natural gas fuels are contained in "California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Liquefied Petroleum Gas or Natural Gas Fuels" adopted by the state board on April 16, 1975, as amended November 21, 1995. The standards and test procedures for approval of systems designed to convert 1994 and subsequent model year motor vehicles to use liquefied petroleum gas or natural gas fuels are contained in "California Certification and Installation Procedures for Alternative Fuel Retrofit Systems for Motor Vehicles Certified for 1994 and Subsequent Model Years and for all Model Year Motor Vehicle Retrofit Systems Certified for Emission Reduction Credit," adopted by the State Board March 11, 1993, as amended September 25, 1997. At the option of the retrofit system manufacturer, the standards and test procedures for approval of systems designed to convert 1994 and subsequent model year vehicles to use liquefied petroleum gas or natural gas fuels may be used for approval of systems designed to convert 1993 and earlier model year motor vehicles to use liquefied petroleum gas or natural gas fuels in lieu of the "California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Liquefied Petroleum Gas or Natural Gas Fuels."

(b) Implementation Phase-In Schedule.

Notwithstanding subsection (a), a retrofit system manufacturer may apply "California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Liquefied Petroleum Gas or Natural Gas Fuels" to certify retrofit systems for 1994 and 1995 model-year vehicles in accordance with the following implementation phase-in schedule. Each manufacturer may certify a maximum of 85 percent of its total 1994 model-year engine family retrofit systems, 45 percent of its total 1995 model-year systems, and 45 percent of its total 1996 model-year systems, according to the requirements of these test procedures and "California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Alcohol or Alcohol/Gasoline Fuels", adopted by the State Board on April 28, 1983, as amended November 21, 1995. The remaining percentage of each manufacturer's certified 1994, 1995, and 1996 model-year engine family retrofit systems and all of 1997 and subsequent model-year engine family retrofit systems shall be certified according to "California Certification and Installation Procedures for Alternative Fuel Retrofit Systems For Motor Vehicles Certified For 1994 and Subsequent Model Years and for all Model Year Motor Vehicle Retrofit Systems Certified for Emission Reduction Credit." The percentages shall be determined from the total number of retrofit systems certified and shall be met prior to the end of the next respective calendar year. "California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Liquefied Petroleum Gas or Natural Gas Fuels" shall not be applied to certify a retrofit system for installation on a transitional low-emission vehicle ("TLEV)", low-emission vehicle ("LEV)", or ultra-low-emission vehicle ("ULEV)" or to certify a retrofit system designed to

convert a vehicle to TLEV, LEV, or ULEV emission standards (as defined in Section 1960.1, Title 13, California Code of Regulations), or to certify a retrofit system for emission reduction credits.

Note: Authority cited: Sections 39515, 39600, 39601 and 43006, Health and Safety Code. Reference: Sections 43000, 43004, 43006, 43008.6, 43013 and 43108, Health and Safety Code; and Sections 27156, 38391 and 38395, Vehicle Code.

HISTORY

1. Amendment filed 4-28-75; effective thirtieth day thereafter (Register 75, No. 18).
2. Amendment filed 3-16-77; effective thirtieth day thereafter (Register 77, No. 12).
3. Amendment filed 5-21-81; effective thirtieth day thereafter (Register 81, No. 21).
4. Amendment of Article 5 and Section 2030 headings filed 6-2-83; effective thirtieth day thereafter (Register 83, No. 23).
5. Amendment filed 10-18-84; effective thirtieth day thereafter (Register 84, No. 42).
6. Amendment of section heading, text and Note filed 5-7-93; operative 6-7-93 (Register 93, No. 19).
7. Amendment of subsection (a) filed 6-8-95; operative 6-8-95 pursuant to Government Code section 11343.4(d) (Register 95, No. 23).
8. Amendment of article 5 heading and subsections (a) and (b) filed 2-5-96; operative 3-6-96 (Register 96, No. 6).
9. Amendment of subsection (a) filed 9-25-97; operative 9-25-97 pursuant to Government Code section 11343.4(d) (Register 97, No. 39).
10. Amendment of article heading filed 1-14-2010; operative 2-13-2010 (Register 2010, No. 3).

13 CA ADC § 2031 - Alcohol or Alcohol/Gasoline Fuels Retrofit Systems.

(a) Applicable Standards and Test Procedures.

The standards and test procedures for approval of systems designed to convert 1993 and earlier model year motor vehicles to use alcohol or alcohol/gasoline fuels in lieu of the original certification fuel system are contained in "California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Alcohol or Alcohol/Gasoline Fuels," adopted by the State Board April 28, 1983 as amended November 21, 1995. The standards and test procedures for approval of systems designed to convert 1994 and subsequent model year motor vehicles to use alcohol or alcohol/gasoline fuels are contained in "California Certification and Installation Procedures for Alternative Fuel

Retrofit Systems for Motor Vehicles Certified for 1994 and Subsequent Model Years and for all Model Year Motor Vehicle Retrofit Systems Certified for Emission Reduction Credit,” adopted by the State Board March 11, 1993, as amended September 25, 1997. At the option of the retrofit system manufacturer, the standards and test procedures for approval of systems designed to convert 1994 and subsequent model year motor vehicles to use alcohol or alcohol/gasoline fuels may be used for approval of systems designed to convert 1993 and earlier model year motor vehicles to use alcohol or alcohol/gasoline fuels in lieu of the “California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Alcohol or Alcohol/Gasoline Fuels.”

(b) Implementation Phase-In Schedule.

Notwithstanding subsection (a), a retrofit system manufacturer may apply “California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Alcohol or Alcohol/Gasoline Fuels” to certify retrofit systems for 1994 and 1995 model-year vehicles in accordance with the following implementation phase-in schedule. Each manufacturer may certify a maximum of 85 percent of its total 1994 model-year engine family retrofit systems, 45 percent of its total 1995 model-year systems, and 45 percent of its total 1996 model-year systems, according to the requirements of these test procedures and the “California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Liquefied Petroleum Gas or Natural Gas Fuels,” adopted by the State Board on April 16, 1975, as amended November 21, 1995. The remaining percentage of each manufacturer's certified 1994, 1995, and 1996 model-year engine family retrofit systems and all of 1997 and subsequent model-year engine family retrofit systems shall be certified according to “California Certification and Installation Procedures for Alternative Fuel Retrofit Systems For Motor Vehicles Certified For 1994 and Subsequent Model Years and for all Model Year Motor Vehicle Retrofit Systems Certified for Emission Reduction Credit.” The percentages shall be determined from the total number of retrofit systems certified and shall be met prior to the end of the next respective calendar year. “California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Alcohol or Alcohol/Gasoline Fuels” shall not be applied to certify a retrofit system for installation on a transitional low-emission vehicle (“TLEV”), low-emission vehicle (“LEV”), or ultra-low-emission vehicle (“ULEV”) or to certify a retrofit system designed to convert a vehicle to TLEV, LEV, or ULEV emission standards (as defined in Section 1960.1, Title 13, California Code of Regulations), or to certify a retrofit system for emission reduction credits.

Note: Authority cited: Sections 39515, 39600, 39601 and 43006, Health and Safety Code. Reference: Sections 43000, 43004, 43006, 43008.6, 43013 and 43108, Health and Safety Code; and Sections 27156, 38391 and 38395, Vehicle Code.

HISTORY

1. New section filed 6-2-83; effective thirtieth day thereafter (Register 83, No. 23).
2. Amendment of section heading, text and Note filed 5-7-93; operative 6-7-93 (Register 93, No. 19).

3. Amendment of subsection (a) filed 6-8-95; operative 6-8-95 pursuant to Government Code section 11343.4(d) (Register 95, No. 23).

4. Amendments of subsections (a) and (b) filed 2-5-96; operative 3-6-96 (Register 96, No. 6).

5. Amendment of subsection (a) filed 9-25-97; operative 9-25-97 pursuant to Government Code section 11343.4(d) (Register 97, No. 39).

13 CA ADC § 2032 - Off-Vehicle Charge Capable Hybrid Electric Vehicle Conversion Systems.

(a) Applicable Standards.

Hybrid electric vehicles for the 2000 and later model years in the passenger car, light-duty truck, and medium-duty vehicle classes, converted to incorporate off-vehicle charging capability shall meet the California emission standards for the model year of original manufacture and certification.

(b) Applicable Test Procedures.

The certification and installation procedures that shall apply for approval of systems that convert 2000 and later model-year hybrid electric vehicles in the passenger car, light-duty truck, and medium-duty vehicle classes to use off-vehicle charging are contained in the "California Certification and Installation Procedures for Off-Vehicle Charge Capable Conversion Systems for 2000 and Subsequent Model Year Hybrid Electric Vehicles," adopted by the state board on December 2, 2009, which are incorporated herein by reference.

(c) Definitions.

The definitions that apply to section 2032, title 13, CCR, are contained in sections 1900, 1962, and 1962.1, title 13, CCR, and the test procedures incorporated by reference in paragraph (b), section 2032, title 13, CCR.

Note: Authority cited: Sections 39515, 39600, 39601, 43000, 43006 and 43013, Health and Safety Code. Reference: Sections 43000, 43004, 43006, 43008.6 and 43013, Health and Safety Code; and Sections 27156 and 38391, Vehicle Code.

HISTORY

1. New section filed 1-14-2010; operative 2-13-2010 (Register 2010, No. 3).