

ards are established and administered by the State of California, the least stringent set of qualifying California standards shall apply to the clean-fuel vehicles concerned in lieu of the standards otherwise applicable to such vehicles under section 7582 of this title and this section.

**(f) Less stringent CARB standards**

If the Low-Emission Vehicle and Clean Fuels Regulations of the California Air Resources Board applicable to any category of vehicles referred to in subsection (a), (b), (c), or (d) of this section are modified after November 15, 1990, to provide an emissions standard which is less stringent than the otherwise applicable standard set forth in subsection (a), (b), (c), or (d), or if any effective date contained in such regulations is delayed, such modified standards or such delay (or both, as the case may be) shall apply, for an interim period, in lieu of the standard or effective date otherwise applicable under subsection (a), (b), (c), or (d) to any vehicles covered by such modified standard or delayed effective date. The interim period shall be a period of not more than 2 model years from the effective date otherwise applicable under subsection (a), (b), (c), or (d). After such interim period, the otherwise applicable standard set forth in subsection (a), (b), (c), or (d) shall take effect with respect to such vehicles (unless subsequently replaced under subsection (e)).

**(g) Not applicable to heavy-duty vehicles**

Notwithstanding any provision of the Low-Emission Vehicle and Clean Fuels Regulations of the California Air Resources Board nothing in this section shall apply to heavy-duty engines in vehicles of more than 8,500 lbs. GVWR.

(July 14, 1955, ch. 360, title II, § 243, as added Pub. L. 101-549, title II, § 229(a), Nov. 15, 1990, 104 Stat. 2514.)

**§ 7584. Administration and enforcement as per California standards**

Where the numerical clean-fuel vehicle standards applicable under this part to vehicles of not more than 8,500 lbs. GVWR are the same as numerical emission standards applicable in California under the Low-Emission Vehicle and Clean Fuels Regulations of the California Air Resources Board (“CARB”), such standards shall be administered and enforced by the Administrator—

(1) in the same manner and with the same flexibility as the State of California administers and enforces corresponding standards applicable under the Low-Emission Vehicle and Clean Fuels Regulations of the California Air Resources Board (“CARB”); and

(2) subject to the same requirements, and utilizing the same interpretations and policy judgments, as are applicable in the case of such CARB standards, including, but not limited to, requirements regarding certification, production-line testing, and in-use compliance,

unless the Administrator determines (in promulgating the rules establishing the clean fuel vehicle program under this section) that any such

administration and enforcement would not meet the criteria for a waiver under section 7543 of this title. Nothing in this section shall apply in the case of standards under section 7585 of this title for heavy-duty vehicles.

(July 14, 1955, ch. 360, title II, § 244, as added Pub. L. 101-549, title II, § 229(a), Nov. 15, 1990, 104 Stat. 2519.)

**§ 7585. Standards for heavy-duty clean-fuel vehicles (GVWR above 8,500 up to 26,000 lbs.)**

**(a) Model years after 1997; combined NO<sub>x</sub> and NMHC standard**

For classes or categories of heavy-duty vehicles or engines manufactured for the model year 1998 or thereafter and having a GVWR greater than 8,500 lbs. and up to 26,000 lbs. GVWR, the standards under this part for clean-fuel vehicles shall require that combined emissions of oxides of nitrogen (NO<sub>x</sub>) and nonmethane hydrocarbons (NMHC) shall not exceed 3.15 grams per brake horsepower hour (equivalent to 50 percent of the combined emission standards applicable under section 7521 of this title for such air pollutants in the case of a conventional model year 1994 heavy-duty diesel-fueled vehicle or engine). No standard shall be promulgated as provided in this section for any heavy-duty vehicle of more than 26,000 lbs. GVWR.

**(b) Revised standards that are less stringent**

(1) The Administrator may promulgate a revised less stringent standard for the vehicles or engines referred to in subsection (a) if the Administrator determines that the 50 percent reduction required under subsection (a) is not technologically feasible for clean diesel-fueled vehicles and engines, taking into account durability, costs, lead time, safety, and other relevant factors. To provide adequate lead time the Administrator shall make a determination with regard to the technological feasibility of such 50 percent reduction before December 31, 1993.

(2) Any person may at any time petition the Administrator to make a determination under paragraph (1). The Administrator shall act on such a petition within 6 months after the petition is filed.

(3) Any revised less stringent standards promulgated as provided in this subsection shall require at least a 30 percent reduction in lieu of the 50 percent reduction referred to in paragraph (1).

(July 14, 1955, ch. 360, title II, § 245, as added Pub. L. 101-549, title II, § 229(a), Nov. 15, 1990, 104 Stat. 2519.)

**§ 7586. Centrally fueled fleets**

**(a) Fleet program required for certain nonattainment areas**

**(1) SIP revision**

Each State in which there is located all or part of a covered area (as defined in paragraph (2)) shall submit, within 42 months after November 15, 1990, a State implementation plan revision under section 7410 of this title and part D of subchapter I to establish a clean-fuel vehicle program for fleets under this section.

**(2) Covered areas**

For purposes of this subsection, each of the following shall be a “covered area”:

**(A) Ozone nonattainment areas**

Any ozone nonattainment area with a 1980 population of 250,000 or more classified under subpart 2 of part D of subchapter I of this chapter as Serious, Severe, or Extreme based on data for the calendar years 1987, 1988, and 1989. In determining the ozone nonattainment areas to be treated as covered areas pursuant to this subparagraph, the Administrator shall use the most recent interpretation methodology issued by the Administrator prior to November 15, 1990.

**(B) Carbon monoxide nonattainment areas**

Any carbon monoxide nonattainment area with a 1980 population of 250,000 or more and a carbon monoxide design value at or above 16.0 parts per million based on data for calendar years 1988 and 1989 (as calculated according to the most recent interpretation methodology issued prior to November 15, 1990, by the United States Environmental Protection Agency), excluding those carbon monoxide nonattainment areas in which mobile sources do not contribute significantly to carbon monoxide exceedances.

**(3) Plan revisions for reclassified areas**

In the case of ozone nonattainment areas reclassified as Serious, Severe, or Extreme under part D of subchapter I with a 1980 population of 250,000 or more, the State shall submit a plan revision meeting the requirements of this subsection within 1 year after reclassification. Such plan revision shall implement the requirements applicable under this subsection at the time of reclassification and thereafter, except that the Administrator may adjust for a limited period the deadlines for compliance where compliance with such deadlines would be infeasible.

**(4) Consultation; consideration of factors**

Each State required to submit an implementation plan revision under this subsection shall develop such revision in consultation with fleet operators, vehicle manufacturers, fuel producers and distributors, motor vehicle fuel, and other interested parties, taking into consideration operational range, specialty uses, vehicle and fuel availability, costs, safety, resale values of vehicles and equipment and other relevant factors.

**(b) Phase-in of requirements**

The plan revision required under this section shall contain provisions requiring that at least a specified percentage of all new covered fleet vehicles in model year 1998 and thereafter purchased by each covered fleet operator in each covered area shall be clean-fuel vehicles and shall use clean alternative fuels when operating in the covered area. For the applicable model years (MY) specified in the following table and thereafter, the specified percentage shall be as provided in the table for the vehicle types set forth in the table:

CLEAN FUEL VEHICLE PHASE-IN REQUIREMENTS FOR FLEETS

Vehicle Type	MY1998	MY1999	MY2000
Light-duty trucks up to 6,000 lbs. GVWR and light-duty vehicles .....	30%	50%	70%
Heavy-duty trucks above 8,500 lbs. GVWR .....	50%	50%	50%

The term MY refers to model year.

**(c) Accelerated standard for light-duty trucks up to 6,000 lbs. GVWR and light-duty vehicles**

Notwithstanding the model years for which clean-fuel vehicle standards are applicable as provided in section 7583 of this title, for purposes of this section, light duty<sup>1</sup> trucks of up to 6,000 lbs. GVWR and light-duty vehicles manufactured in model years 1998 through model year 2000 shall be treated as clean-fuel vehicles only if such vehicles comply with the standards applicable under section 7583 of this title for vehicles in the same class for the model year 2001. The requirements of subsection (b) shall take effect on the earlier of the following:

- (1) The first model year after model year 1997 in which new light-duty trucks up to 6,000 lbs. GVWR and light-duty vehicles which comply with the model year 2001 standards under section 7583 of this title are offered for sale in California.
- (2) Model year 2001.

Whenever the effective date of subsection (b) is delayed pursuant to paragraph (1) of this subsection, the phase-in schedule under subsection (b) shall be modified to commence with the model year referred to in paragraph (1) in lieu of model year 1998.

**(d) Choice of vehicles and fuel**

The plan revision under this subsection shall provide that the choice of clean-fuel vehicles and clean alternative fuels shall be made by the covered fleet operator subject to the requirements of this subsection.

**(e) Availability of clean alternative fuel**

The plan revision shall require fuel providers to make clean alternative fuel available to covered fleet operators at locations at which covered fleet vehicles are centrally fueled.

**(f) Credits**

**(1) Issuance of credits**

The State plan revision required under this section shall provide for the issuance by the State of appropriate credits to a fleet operator for any of the following (or any combination thereof):

- (A) The purchase of more clean-fuel vehicles than required under this section.
- (B) The purchase of clean fuel<sup>2</sup> vehicles which meet more stringent standards established by the Administrator pursuant to paragraph (4).
- (C) The purchase of vehicles in categories which are not covered by this section but which meet standards established for such vehicles under paragraph (4).

<sup>1</sup> So in original. Probably should be “light-duty”.

<sup>2</sup> So in original. Probably should be “clean-fuel”.

**(2) Use of credits; limitations based on weight classes**

**(A) Use of credits**

Credits under this subsection may be used by the person holding such credits to demonstrate compliance with this section or may be traded or sold for use by any other person to demonstrate compliance with other requirements applicable under this section in the same nonattainment area. Credits obtained at any time may be held or banked for use at any later time, and when so used, such credits shall maintain the same value as if used at an earlier date.

**(B) Limitations based on weight classes**

Credits issued with respect to the purchase of vehicles of up to 8,500 lbs. GVWR may not be used to demonstrate compliance by any person with the requirements applicable under this subsection to vehicles of more than 8,500 lbs. GVWR. Credits issued with respect to the purchase of vehicles of more than 8,500 lbs. GVWR may not be used to demonstrate compliance by any person with the requirements applicable under this subsection to vehicles weighing up to 8,500 lbs. GVWR.

**(C) Weighting**

Credits issued for purchase of a clean fuel<sup>2</sup> vehicle under this subsection shall be adjusted with appropriate weighting to reflect the level of emission reduction achieved by the vehicle.

**(3) Regulations and administration**

Within 12 months after November 15, 1990, the Administrator shall promulgate regulations for such credit program. The State shall administer the credit program established under this subsection.

**(4) Standards for issuing credits for cleaner vehicles**

Solely for purposes of issuing credits under paragraph (1)(B), the Administrator shall establish under this paragraph standards for Ultra-Low Emission Vehicles ("ULEV"s) and Zero Emissions Vehicles ("ZEV"s) which shall be more stringent than those otherwise applicable to clean-fuel vehicles under this part. The Administrator shall certify clean fuel<sup>2</sup> vehicles as complying with such more stringent standards, and administer and enforce such more stringent standards, in the same manner as in the case of the otherwise applicable clean-fuel vehicle standards established under this section. The standards established by the Administrator under this paragraph for vehicles under 8,500 lbs. GVWR or greater shall conform as closely as possible to standards which are established by the State of California for ULEV and ZEV vehicles in the same class. For vehicles of 8,500 lbs. GVWR or more, the Administrator shall promulgate comparable standards for purposes of this subsection.

**(5) Early fleet credits**

The State plan revision shall provide credits under this subsection to fleet operators that

purchase vehicles certified to meet clean-fuel vehicle standards under this part during any period after approval of the plan revision and prior to the effective date of the fleet program under this section.

**(g) Availability to public**

At any facility owned or operated by a department, agency, or instrumentality of the United States where vehicles subject to this subsection are supplied with clean alternative fuel, such fuel shall be offered for sale to the public for use in other vehicles during reasonable business times and subject to national security concerns, unless such fuel is commercially available for vehicles in the vicinity of such Federal facilities.

**(h) Transportation control measures**

The Administrator shall by rule, within 1 year after November 15, 1990, ensure that certain transportation control measures including time-of-day or day-of-week restrictions, and other similar measures that restrict vehicle usage, do not apply to any clean-fuel vehicle that meets the requirements of this section. This subsection shall apply notwithstanding subchapter I.

(July 14, 1955, ch. 360, title II, §246, as added Pub. L. 101-549, title II, §229(a), Nov. 15, 1990, 104 Stat. 2520.)

**§ 7587. Vehicle conversions**

**(a) Conversion of existing and new conventional vehicles to clean-fuel vehicles**

The requirements of section 7586 of this title may be met through the conversion of existing or new gasoline or diesel-powered vehicles to clean-fuel vehicles which comply with the applicable requirements of that section. For purposes of such provisions the conversion of a vehicle to clean fuel<sup>1</sup> vehicle shall be treated as the purchase of a clean fuel<sup>1</sup> vehicle. Nothing in this part shall be construed to provide that any covered fleet operator subject to fleet vehicle purchase requirements under section 7586 of this title shall be required to convert existing or new gasoline or diesel-powered vehicles to clean-fuel vehicles or to purchase converted vehicles.

**(b) Regulations**

The Administrator shall, within 24 months after November 15, 1990, consistent with the requirements of this subchapter applicable to new vehicles, promulgate regulations governing conversions of conventional vehicles to clean-fuel vehicles. Such regulations shall establish criteria for such conversions which will ensure that a converted vehicle will comply with the standards applicable under this part to clean-fuel vehicles. Such regulations shall provide for the application to such conversions of the same provisions of this subchapter (including provisions relating to administration enforcement) as are applicable to standards under section<sup>2</sup> 7582, 7583, 7584, and 7585 of this title, except that in the case of conversions the Administrator may modify the applicable regulations implementing

<sup>1</sup> So in original. Probably should be "clean-fuel".

<sup>2</sup> So in original. Probably should be "sections".