

(5) Within 5 years after November 15, 1990, the Administrator shall promulgate regulations containing standards applicable to emissions from new locomotives and new engines used in locomotives. Such standards shall achieve the greatest degree of emission reduction achievable through the application of technology which the Administrator determines will be available for the locomotives or engines to which such standards apply, giving appropriate consideration to the cost of applying such technology within the period of time available to manufacturers and to noise, energy, and safety factors associated with the application of such technology.

(b) Effective date

Standards under this section shall take effect at the earliest possible date considering the lead time necessary to permit the development and application of the requisite technology, giving appropriate consideration to the cost of compliance within such period and energy and safety.

(c) Safe controls

Effective with respect to new engines or vehicles to which standards under this section apply, no emission control device, system, or element of design shall be used in such a new nonroad engine or new nonroad vehicle for purposes of complying with such standards if such device, system, or element of design will cause or contribute to an unreasonable risk to public health, welfare, or safety in its operation or function. In determining whether an unreasonable risk exists, the Administrator shall consider factors including those described in section 7521(a)(4)(B) of this title.

(d) Enforcement

The standards under this section shall be subject to sections 7525, 7541, 7542, and 7543 of this title, with such modifications of the applicable regulations implementing such sections as the Administrator deems appropriate, and shall be enforced in the same manner as standards prescribed under section 7521 of this title. The Administrator shall revise or promulgate regulations as may be necessary to determine compliance with, and enforce, standards in effect under this section.

(July 14, 1955, ch. 360, title II, § 213, as added Pub. L. 93-319, § 10, June 22, 1974, 88 Stat. 261; amended Pub. L. 101-549, title II, § 222(a), Nov. 15, 1990, 104 Stat. 2500.)

CODIFICATION

Section was formerly classified to section 1857f-6f of this title.

PRIOR PROVISIONS

A prior section 213 of act July 14, 1955, was renumbered section 214 by Pub. L. 93-319 and renumbered section 216 by Pub. L. 95-95, and is classified to section 7550 of this title.

AMENDMENTS

1990—Pub. L. 101-549 amended section generally, substituting present provisions for provisions requiring Administrator and Secretary of Transportation to conduct study on fuel economy improvement for new motor vehicles manufactured during and after model year 1980.

REGULATIONS RELATING TO STANDARDS TO REDUCE EMISSIONS

Pub. L. 108-199, div. G, title IV, § 428(b), Jan. 23, 2004, 118 Stat. 418, provided that: "Not later than December 1, 2004, the Administrator of the Environmental Protection Agency shall propose regulations under the Clean Air Act [42 U.S.C. 7401 et seq.] that shall contain standards to reduce emissions from new nonroad spark-ignition engines smaller than 50 horsepower. Not later than December 31, 2005, the Administrator shall publish in the Federal Register final regulations containing such standards."

§ 7548. Study of particulate emissions from motor vehicles

(a) Study and analysis

(1) The Administrator shall conduct a study concerning the effects on health and welfare of particulate emissions from motor vehicles or motor vehicle engines to which section 7521 of this title applies. Such study shall characterize and quantify such emissions and analyze the relationship of such emissions to various fuels and fuel additives.

(2) The study shall also include an analysis of particulate emissions from mobile sources which are not related to engine emissions (including, but not limited to tire debris, and asbestos from brake lining).

(b) Report to Congress

The Administrator shall report to the Congress the findings and results of the study conducted under subsection (a) of this section not later than two years after August 7, 1977. Such report shall also include recommendations for standards or methods to regulate particulate emissions described in paragraph (2) of subsection (a) of this section.

(July 14, 1955, ch. 360, title II, § 214, as added Pub. L. 95-95, title II, § 224(d), Aug. 7, 1977, 91 Stat. 767.)

PRIOR PROVISIONS

A prior section 214 of act July 14, 1955, was renumbered section 216 by Pub. L. 95-95 and is classified to section 7550 of this title.

EFFECTIVE DATE

Section effective Aug. 7, 1977, except as otherwise expressly provided, see section 406(d) of Pub. L. 95-95, set out as an Effective Date of 1977 Amendment note under section 7401 of this title.

STUDY ON SUSPENDED PARTICULATE MATTER

Pub. L. 95-95, title IV, § 403(a), Aug. 7, 1977, 91 Stat. 792, directed Administrator of EPA, not later than 18 months after Aug. 7, 1977, in cooperation with National Academy of Sciences, to study and report to Congress on relationship between size, weight, and chemical composition of suspended particulate matter and nature and degree of endangerment to public health or welfare presented by such particulate matter and availability of technology for controlling such particulate matter.

§ 7549. High altitude performance adjustments

(a) Instruction of the manufacturer

(1) Any action taken with respect to any element of design installed on or in a motor vehicle or motor vehicle engine in compliance with regulations under this subchapter (including any

alteration or adjustment of such element), shall be treated as not in violation of section 7522(a) of this title if such action is performed in accordance with high altitude adjustment instructions provided by the manufacturer under subsection (b) of this section and approved by the Administrator.

(2) If the Administrator finds that adjustments or modifications made pursuant to instructions of the manufacturer under paragraph (1) will not insure emission control performance with respect to each standard under section 7521 of this title at least equivalent to that which would result if no such adjustments or modifications were made, he shall disapprove such instructions. Such finding shall be based upon minimum engineering evaluations consistent with good engineering practice.

(b) Regulations

(1) Instructions respecting each class or category of vehicles or engines to which this subchapter applies providing for such vehicle and engine adjustments and modifications as may be necessary to insure emission control performance at different altitudes shall be submitted by the manufacturer to the Administrator pursuant to regulations promulgated by the Administrator.

(2) Any knowing violation by a manufacturer of requirements of the Administrator under paragraph (1) shall be treated as a violation by such manufacturer of section 7522(a)(3) of this title for purposes of the penalties contained in section 7524 of this title.

(3) Such instructions shall provide, in addition to other adjustments, for adjustments for vehicles moving from high altitude areas to low altitude areas after the initial registration of such vehicles.

(c) Manufacturer parts

No instructions under this section respecting adjustments or modifications may require the use of any manufacturer parts (as defined in section 7522(a) of this title) unless the manufacturer demonstrates to the satisfaction of the Administrator that the use of such manufacturer parts is necessary to insure emission control performance.

(d) State inspection and maintenance programs

Before January 1, 1981 the authority provided by this section shall be available in any high altitude State (as determined under regulations of the Administrator under regulations promulgated before August 7, 1977) but after December 31, 1980, such authority shall be available only in any such State in which an inspection and maintenance program for the testing of motor vehicle emissions has been instituted for the portions of the State where any national ambient air quality standard for auto-related pollutants has not been attained.

(e) High altitude testing

(1) The Administrator shall promptly establish at least one testing center (in addition to the testing centers existing on November 15, 1990) located at a site that represents high altitude conditions, to ascertain in a reasonable manner whether, when in actual use throughout their

useful life (as determined under section 7521(d) of this title), each class or category of vehicle and engines to which regulations under section 7521 of this title apply conforms to the emissions standards established by such regulations. For purposes of this subsection, the term "high altitude conditions" refers to high altitude as defined in regulations of the Administrator in effect as of November 15, 1990.

(2) The Administrator, in cooperation with the Secretary of Energy and the Administrator of the Federal Transit Administration, and such other agencies as the Administrator deems appropriate, shall establish a research and technology assessment center to provide for the development and evaluation of less-polluting heavy-duty engines and fuels for use in buses, heavy-duty trucks, and non-road engines and vehicles, which shall be located at a high-altitude site that represents high-altitude conditions. In establishing and funding such a center, the Administrator shall give preference to proposals which provide for local cost-sharing of facilities and recovery of costs of operation through utilization of such facility for the purposes of this section.

(3) The Administrator shall designate at least one center at high-altitude conditions to provide research on after-market emission components, dual-fueled vehicles and conversion kits, the effects of tampering on emissions equipment, testing of alternate fuels and conversion kits, and the development of curricula, training courses, and materials to maximize the effectiveness of inspection and maintenance programs as they relate to promoting effective control of vehicle emissions at high-altitude elevations. Preference shall be given to existing vehicle emissions testing and research centers that have established reputations for vehicle emissions research and development and training, and that possess in-house Federal Test Procedure capacity.

(July 14, 1955, ch. 360, title II, §215, as added Pub. L. 95-95, title II, §211(b), Aug. 7, 1977, 91 Stat. 757; amended Pub. L. 95-190, §14(a)(75), Nov. 16, 1977, 91 Stat. 1404; Pub. L. 101-549, title II, §224, Nov. 15, 1990, 104 Stat. 2503; Pub. L. 102-240, title III, §3004(b), Dec. 18, 1991, 105 Stat. 2088.)

CODIFICATION

In subsec. (d), "August 7, 1977" substituted for "the date of enactment of this Act" to reflect the probable intent of Congress that such date of enactment meant the date of enactment of Pub. L. 95-95.

AMENDMENTS

1990—Subsec. (e). Pub. L. 101-549 added subsec. (e).
1977—Subsec. (d). Pub. L. 95-190 substituted "December 31, 1980" for "December 31, 1981".

CHANGE OF NAME

"Federal Transit Administration" substituted for "Urban Mass Transportation Administration" in subsec. (e)(2) pursuant to section 3004(b) of Pub. L. 102-240, set out as a note under section 107 of Title 49, Transportation.

EFFECTIVE DATE

Section effective Aug. 7, 1977, except as otherwise expressly provided, see section 406(d) of Pub. L. 95-95, set out as an Effective Date of 1977 Amendment note under section 7401 of this title.

§ 7550. Definitions

As used in this part—

(1) The term “manufacturer” as used in sections 7521, 7522, 7525, 7541, and 7542 of this title means any person engaged in the manufacturing or assembling of new motor vehicles, new motor vehicle engines, new nonroad vehicles or new nonroad engines, or importing such vehicles or engines for resale, or who acts for and is under the control of any such person in connection with the distribution of new motor vehicles, new motor vehicle engines, new nonroad vehicles or new nonroad engines, but shall not include any dealer with respect to new motor vehicles, new motor vehicle engines, new nonroad vehicles or new nonroad engines received by him in commerce.

(2) The term “motor vehicle” means any self-propelled vehicle designed for transporting persons or property on a street or highway.

(3) Except with respect to vehicles or engines imported or offered for importation, the term “new motor vehicle” means a motor vehicle the equitable or legal title to which has never been transferred to an ultimate purchaser; and the term “new motor vehicle engine” means an engine in a new motor vehicle or a motor vehicle engine the equitable or legal title to which has never been transferred to the ultimate purchaser; and with respect to imported vehicles or engines, such terms mean a motor vehicle and engine, respectively, manufactured after the effective date of a regulation issued under section 7521 of this title which is applicable to such vehicle or engine (or which would be applicable to such vehicle or engine had it been manufactured for importation into the United States).

(4) The term “dealer” means any person who is engaged in the sale or the distribution of new motor vehicles or new motor vehicle engines to the ultimate purchaser.

(5) The term “ultimate purchaser” means, with respect to any new motor vehicle or new motor vehicle engine, the first person who in good faith purchases such new motor vehicle or new engine for purposes other than resale.

(6) The term “commerce” means (A) commerce between any place in any State and any place outside thereof; and (B) commerce wholly within the District of Columbia.

(7) VEHICLE CURB WEIGHT, GROSS VEHICLE WEIGHT RATING, LIGHT-DUTY TRUCK, LIGHT-DUTY VEHICLE, AND LOADED VEHICLE WEIGHT.—The terms “vehicle curb weight”, “gross vehicle weight rating” (GVWR), “light-duty truck” (LDT), light-duty vehicle,¹ and “loaded vehicle weight” (LVW) have the meaning provided in regulations promulgated by the Administrator and in effect as of November 15, 1990. The abbreviations in parentheses corresponding to any term referred to in this paragraph shall have the same meaning as the corresponding term.

(8) TEST WEIGHT.—The term “test weight” and the abbreviation “tw” mean the vehicle curb weight added to the gross vehicle weight rating (gvwr) and divided by 2.

(9) MOTOR VEHICLE OR ENGINE PART MANUFACTURER.—The term “motor vehicle or engine part manufacturer” as used in sections 7541 and 7542 of this title means any person engaged in the manufacturing, assembling or rebuilding of any device, system, part, component or element of design which is installed in or on motor vehicles or motor vehicle engines.

(10) NONROAD ENGINE.—The term “nonroad engine” means an internal combustion engine (including the fuel system) that is not used in a motor vehicle or a vehicle used solely for competition, or that is not subject to standards promulgated under section 7411 of this title or section 7521 of this title.

(11) NONROAD VEHICLE.—The term “nonroad vehicle” means a vehicle that is powered by a nonroad engine and that is not a motor vehicle or a vehicle used solely for competition.

(July 14, 1955, ch. 360, title II, §216, formerly §208, as added Pub. L. 89-272, title I, §101(8), Oct. 20, 1965, 79 Stat. 994; renumbered §212, and amended Pub. L. 90-148, §2, Nov. 21, 1967, 81 Stat. 503; renumbered §213, and amended Pub. L. 91-604, §§8(a), 10(d), 11(a)(2)(A), Dec. 31, 1970, 84 Stat. 1694, 1703, 1705; renumbered §214, Pub. L. 93-319, §10, June 22, 1974, 88 Stat. 261; renumbered §216, Pub. L. 95-95, title II, §224(d), Aug. 7, 1977, 91 Stat. 767; Pub. L. 101-549, title II, §223, Nov. 15, 1990, 104 Stat. 2503.)

CODIFICATION

Section was formerly classified to section 1857f-7 of this title.

AMENDMENTS

1990—Par. (1). Pub. L. 101-549, §223(b), inserted references to new nonroad vehicles or new nonroad engines.

Pars. (7) to (11). Pub. L. 101-549, §223(a), added pars. (7) to (11).

1970—Pub. L. 91-604, §11(a)(2)(A), substituted “part” for “subchapter”.

Par. (1). Pub. L. 91-604, §10(d)(1), inserted reference to section 7521 of this title.

Par. (3). Pub. L. 91-604, §10(d)(2), inserted provisions which defined such terms with respect to imported vehicles or engines.

1967—Pub. L. 90-148 inserted “as used in sections 7522, 7525, 7541, and 7542 of this title” after “manufacturer” in par. (1).

§ 7551. Omitted

Section, Pub. L. 95-95, title II, §203, Aug. 7, 1977, 91 Stat. 754; Pub. L. 97-375, title I, §106(a), Dec. 21, 1982, 96 Stat. 1820, which required the Administrator of the Environmental Protection Agency to report to Congress respecting the motor vehicle fuel consumption associated with the standards applicable for the immediately preceding model year, terminated, effective May 15, 2000, pursuant to section 3003 of Pub. L. 104-66, as amended, set out as a note under section 1113 of Title 31, Money and Finance. See, also, the 5th item on page 165 of House Document No. 103-7. Section was enacted as part of the Clean Air Act Amendments of 1977, and not as part of the Clean Air Act which comprises this chapter.

§ 7552. Motor vehicle compliance program fees**(a) Fee collection**

Consistent with section 9701 of title 31, the Administrator may promulgate (and from time to time revise) regulations establishing fees to re-

¹ So in original. Probably should be set off by quotation marks.