

calculations and analyses used to develop that information and data. No documents may be incorporated by reference in a petition unless the documents are submitted with the petition.

(6) Specify and segregate any part of the information and data submitted under this section that the petitioner wishes to have withheld from public disclosure in accordance with part 512 of this chapter.

(c) Each petitioner shall include the following information in its petition:

(1) Identification of the model type or types for which a lower driving range is sought under this section.

(2) For each model type identified in accordance with paragraph (c)(1) of this section:

(i) The driving range sought for that model type.

(ii) The number of years for which that driving range is sought.

(iii) A description of the model type, including car line designation, engine displacement and type, electric storage capacity, transmission type, and average fuel economy when operating on:

(A) Electricity; and

(B) Gasoline or diesel fuel.

(iv) An explanation of why the petitioner cannot modify the model type so as to meet the generally applicable minimum range, including the steps taken by the petitioner to improve the minimum range of the vehicle, as well as additional steps that are technologically feasible, but have not been taken. The costs to the petitioner of taking these additional steps shall be included.

(3) A discussion of why granting the petition would be consistent with the following factors:

(i) The purposes of 49 U.S.C. chapter 329, including encouraging the development and widespread use of electricity as a transportation fuel by consumers, and the production of passenger automobiles capable of being operated on both electricity and gasoline/diesel fuel;

(ii) Consumer acceptability;

(iii) Economic practicability;

(iv) Technology;

(v) Environmental impact;

(vi) Safety;

(vii) Driveability; and

(viii) Performance.

(d) If a petition is found not to contain the information required by this section, the petitioner is informed about the areas of insufficiency and advised that the petition will not receive further consideration until the required information is received.

(e) The Administrator may request the petitioner to provide information in addition to that required by this section.

(f) The Administrator publishes in the FEDERAL REGISTER a notice of receipt for each petition containing the information required by this section. Any interested person may submit written comments regarding the petition.

(g) In reaching a determination on a petition submitted under this section, the Administrator takes into account:

(1) The purposes of 49 U.S.C. chapter 329, including encouraging the development and widespread use of alternative fuels as transportation fuels by consumers, and the production of alternative fuel powered motor vehicles;

(2) Consumer acceptability;

(3) Economic practicability;

(4) Technology;

(5) Environmental impact;

(6) Safety;

(7) Driveability; and

(8) Performance.

(h) If the Administrator grants the petition, the petitioner is notified in writing, specifying the reduced minimum driving range, and specifying the model years for which the reduced driving range applies. The Administrator also publishes a notice of the grant of the petition in the FEDERAL REGISTER and the reasons for the grant.

(i) If the Administrator denies the petition, the petitioner is notified in writing. The Administrator also publishes a notice of the denial of the petition in the FEDERAL REGISTER and the reasons for the denial.

[63 FR 66069, Dec. 1, 1998]

#### **§ 538.8 Gallon Equivalents for Gaseous Fuels.**

The gallon equivalent of gaseous fuels, for purposes of calculations made under 49 U.S.C. 32905, are listed in Table I:

**§538.9**

TABLE I—GALLON EQUIVALENT MEASUREMENTS FOR GASEOUS FUELS PER 100 STANDARD CUBIC FEET

| Fuel                                  | Gallon equivalent measurement |
|---------------------------------------|-------------------------------|
| Compressed Natural Gas .....          | 0.823                         |
| Liquefied Natural Gas .....           | 0.823                         |
| Liquefied Petroleum Gas (Grade HD-5)* | 0.726                         |
| Hydrogen .....                        | 0.259                         |
| Hythane (Hy5) .....                   | 0.741                         |

\* Per gallon unit of measure.

**§ 538.9 Dual fuel vehicle incentive.**

The application of 49 U.S.C. 32905(b) and (d) to qualifying dual fuel vehicles is extended to the 2005, 2006, 2007, and 2008 model years.

[69 FR 7703, Feb. 19, 2004]

**PART 541—FEDERAL MOTOR VEHICLE THEFT PREVENTION STANDARD**

Sec.

- 541.1 Scope.
- 541.2 Purpose.
- 541.3 Application.
- 541.4 Definitions.
- 541.5 Requirements for passenger motor vehicles.
- 541.6 Requirements for replacement parts.

APPENDIX A TO PART 541—LIGHT DUTY TRUCK LINES SUBJECT TO THE REQUIREMENTS OF THIS STANDARD

APPENDIX A-I TO PART 541—LINES WITH ANTITHEFT DEVICES WHICH ARE EXEMPTED FROM THE PARTS-MARKING REQUIREMENTS OF THIS STANDARD PURSUANT TO 49 CFR PART 543

APPENDIX A-II TO PART 541—LINES WITH ANTITHEFT DEVICES WHICH ARE EXEMPTED IN-PART FROM THE PARTS-MARKING REQUIREMENTS OF THIS STANDARD PURSUANT TO 49 CFR PART 543

APPENDIX B TO PART 541—LIGHT DUTY TRUCK LINES WITH THEFT RATES BELOW THE 1990/91 MEDIAN THEFT RATE, SUBJECT TO THE REQUIREMENTS OF THIS STANDARD

APPENDIX C TO PART 541—APPENDIX C TO PART 541—CRITERIA FOR SELECTING LIGHT DUTY TRUCK LINES LIKELY TO HAVE HIGH THEFT RATES

AUTHORITY: 49 U.S.C. 33101, 33102, 33103, 33105; delegation of authority at 49 CFR 1.50.

SOURCE: 50 FR 43190, Oct. 24, 1985, unless otherwise noted.

**§541.1 Scope.**

This standard specifies performance requirements for identifying numbers

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or symbols to be placed on major parts of certain passenger motor vehicles.

**§ 541.2 Purpose.**

The purpose of this standard is to reduce the incidence of motor vehicle thefts by facilitating the tracing and recovery of parts from stolen vehicles.

**§ 541.3 Application.**

(a) Except as provided in paragraph (b) and (c) of this section, this standard applies to the following:

(1) Passenger motor vehicle parts identified in §541.5(a) that are present in:

- (i) Passenger cars; and
- (ii) Multipurpose passenger vehicles with a gross vehicle weight rating of 6,000 pounds or less; and
- (iii) Light-duty trucks with a gross vehicle weight rating of 6,000 pounds or less, that NHTSA has determined to be high theft in accordance with 49 CFR 542.1; and
- (iv) Light duty trucks with a gross vehicle weight rating of 6,000 pounds or less, that NHTSA has determined to be subject to the requirements of this section in accordance with 49 CFR 542.2.

(2) Replacement passenger motor vehicle parts identified in §541.5(a) for vehicles listed in paragraphs (1)(i) to (iv) of this section.

(b) *Exclusions.* This standard does not apply to the following:

(1) Passenger motor vehicle parts identified in §541.5(a) that are present in vehicles manufactured by a motor vehicle manufacturer that manufactures fewer than 5,000 vehicles for sale in the United States each year.

(2) Passenger motor vehicle parts identified in §541.5(a) that are present in a line with an annual production of not more than 3,500 vehicles.

(3) Passenger motor vehicle parts identified in §541.5(a) that are present in light-duty trucks with a gross vehicle weight rating of 6,000 pounds or less, that NHTSA has determined to be subject to the requirements of this section in accordance with 49 CFR 542.2, if the vehicle line with which these light-duty trucks share majority of major interchangeable parts is exempt from parts marking requirements pursuant to part 543.