

§ 538.8

49 CFR Ch. V (10-1-02 Edition)

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:

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

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

Fuel	Gallon equivalent measurement
Hythane (Hy5)	0.741

* Per gallon unit of measure.

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—LINES SUBJECT TO THE REQUIREMENTS OF THIS STANDARD
- APPENDIX A-I TO PART 541—HIGH-THEFT 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—HIGH-THEFT 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—PASSENGER MOTOR VEHICLE LINES (EXCEPT LIGHT-DUTY TRUCKS) WITH THEFT RATES BELOW THE 1990/91 MEDIAN THEFT RATE, SUBJECT TO THE REQUIREMENTS OF THIS STANDARD
- APPENDIX C TO PART 541—CRITERIA FOR SELECTING 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 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.

This standard applies to the following:

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

- (1) In the passenger motor vehicle lines listed in appendix A of this part;
- (2) Beginning with model year 1997, in passenger motor vehicle lines which NHTSA has finally determined, pursuant to 49 CFR part 542, to be high theft based on the 1990/91 median theft rate; and
- (3) Beginning with model year 1997, in passenger motor vehicle lines listed in appendix B of this part.

(b) Replacement parts for passenger motor vehicle lines described in § 541.3(a) (1) and (2), if the part is identified in § 541.5(a).

[59 FR 64168, Dec. 13, 1994]

§ 541.4 Definitions.

(a) *Statutory terms.* All terms defined in 49 U.S.C. chapter 331 are used in accordance with their statutory meanings unless otherwise defined in paragraph (b) of this section.

(b) *Other definitions.* (1) *Interior surface* means, with respect to a vehicle part, a surface that is not directly exposed to sun and precipitation.

(2) *Light-duty truck (LDT)* means a motor vehicle, with motive power, except a trailer, designed primarily for the transportation of property or special purpose equipment, that is rated at 6,000 pounds gross vehicle weight or less.

(3) *Line* means a name which a manufacturer applies to a group of motor vehicles of the same make which have the same body or chassis, or otherwise are similar in construction or design. A "line" may, for example, include 2-door, 4-door, station wagon, and hatchback vehicles of the same make.

(4) *1990/91 median theft rate* means 3.5826 thefts per thousand vehicles produced.

(5) *Multipurpose passenger vehicle (MPV)* means a passenger motor vehicle which is constructed either on a truck chassis or with special features for occasional off-road operation and which is rated at 6,000 pounds gross vehicle weight or less.

(6) *Passenger car* is used as defined in § 571.3 of this chapter.