

(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, as amended at 75 FR 25728, May 7, 2010]

§ 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
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.