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emissions from your emission-data engines), you may generate additional CO₂ credits under this paragraph (i). Calculate the additional CO₂ credits from the following equation instead of the equation in §1036.705:

CO₂ Credits (Mg) = (0.04 - FEL_{N₂O}) · (CF) · (Volume) · (UL) · (10⁻⁶) · (298)

EFFECTIVE DATE NOTE: At 78 FR 36389, June 17, 2013, §1036.150 was amended by revising paragraphs (d), (g)(2), and (g)(3), effective Aug. 16, 2013. For the convenience of the user, the revised text is set forth as follows:

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(d) *Small manufacturers.* Manufacturers meeting the small business criteria specified for "Gasoline Engine and Engine Parts Manufacturing" or "Other Engine Equipment Manufacturers" in 13 CFR 121.201 are not subject to the greenhouse gas emission standards in §1036.108. Qualifying manufacturers must notify the Designated Compliance Officer before importing or introducing into U.S. commerce excluded engines. This notification must include a description of the manufacturer's qualification as a small business under 13 CFR 121.201. You must label your excluded engines with the statement: "THIS ENGINE IS EXCLUDED UNDER 40 CFR 1036.150(d)."

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(g) * * *

(2) You may use an assigned additive DF of 0.020 g/hp-hr for N₂O emissions from any engine.

(3) You may use an assigned additive DF of 0.020 g/hp-hr for CH₄ emissions from any engine.

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Subpart C—Certifying Engine Families

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Submit an application for certification as described in 40 CFR 86.007-21, with the following additional information:

(a) Describe the engine family's specifications and other basic parameters of the engine's design and emission controls with respect to compliance with the requirements of this part. Describe in detail all system components

for controlling greenhouse gas emissions, including all auxiliary emission control devices (AECs) and all fuel-system components you will install on any production or test engine. Identify the part number of each component you describe. For this paragraph (a), treat as separate AECs any devices that modulate or activate differently from each other.

(b) Describe any test equipment and procedures that you used if you performed any tests that did not also involve measurement of criteria pollutants. Describe any special or alternate test procedures you used (see 40 CFR 1065.10(c)).

(c) Include the emission-related installation instructions you will provide if someone else installs your engines in their vehicles (see §1036.130).

(d) Describe the label information specified in §1036.135. We may require you to include a copy of the label.

(e) Identify the FCLs with which you are certifying engines in the engine family. The actual U.S.-directed production volume of configurations that have emission rates at or below the FCL must be at least one percent of your total actual (not projected) U.S.-directed production volume for the engine family. Identify configurations within the family that have emission rates at or below the FCL and meet the one percent requirement. For example, if your total U.S.-directed production volume for the engine family is 10,583, and the U.S.-directed production volume for the tested rating is 75 engines, then you can comply with this provision by setting your FCL so that one more rating with a U.S.-directed production volume of at least 31 engines meets the FCL. Where applicable, also identify other testable configurations required under §1036.230(b)(2).

(f) Identify the engine family's deterioration factors and describe how you developed them (see §1036.241). Present any test data you used for this.

(g) Present emission data to show that you meet emission standards, as follows:

(1) Present exhaust emission data for CO₂, CH₄, and N₂O on an emission-data engine to show that your engines meet the applicable emission standards we

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specify in §1036.108. Show emission figures before and after applying deterioration factors for each engine. In addition to the composite results, show individual measurements for cold-start testing and hot-start testing over the transient test cycle.

(2) Note that §1036.235 allows you to submit an application in certain cases without new emission data.

(h) State whether your certification is limited for certain engines. For example, if you certify heavy heavy-duty engines to the CO₂ standards using only transient testing, the engines may be installed only in vocational vehicles.

(i) Unconditionally certify that all the engines in the engine family comply with the requirements of this part, other referenced parts of the CFR, and the Clean Air Act. Note that §1036.235 specifies which engines to test to show that engines in the entire family comply with the requirements of this part.

(j) Include the information required by other subparts of this part. For example, include the information required by §1036.725 if you participate in the ABT program.

(k) Include the warranty statement and maintenance instructions if we request them.

(l) Include other applicable information, such as information specified in this part or 40 CFR part 1068 related to requests for exemptions.

(m) For imported engines or equipment, identify the following:

(1) Describe your normal practice for importing engines. For example, this may include identifying the names and addresses of any agents you have authorized to import your engines. Engines imported by nonauthorized agents are not covered by your certificate.

(2) The location of a test facility in the United States where you can test your engines if we select them for testing under a selective enforcement audit, as specified in 40 CFR part 1068, subpart E.

EFFECTIVE DATE NOTE: At 78 FR 36389 , June 17, 2013, §1036.205 was amended by revising paragraph (e), effective Aug. 16, 2013. For the convenience of the user, the revised text is set forth as follows:

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(e) Identify the CO₂ FCLs with which you are certifying engines in the engine family; also identify any FELs that apply for CH₄ and N₂O. The actual U.S.-directed production volume of configurations that have CO₂ emission rates at or below the FCL and CH₄ and N₂O emission rates at or below the applicable standards or FELs must be at least one percent of your actual (not projected) U.S.-directed production volume for the engine family. Identify configurations within the family that have emission rates at or below the FCL and meet the one percent requirement. For example, if your U.S.-directed production volume for the engine family is 10,583 and the U.S.-directed production volume for the tested rating is 75 engines, then you can comply with this provision by setting your FCL so that one more rating with a U.S.-directed production volume of at least 31 engines meets the FCL. Where applicable, also identify other testable configurations required under §1036.230(b)(2).

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§ 1036.210 Preliminary approval before certification.

If you send us information before you finish the application, we may review it and make any appropriate determinations, especially for questions related to engine family definitions, auxiliary emission control devices, adjustable parameters, deterioration factors, testing for service accumulation, and maintenance. Decisions made under this section are considered to be preliminary approval, subject to final review and approval. We will generally not reverse a decision where we have given you preliminary approval, unless we find new information supporting a different decision. If you request preliminary approval related to the upcoming model year or the model year after that, we will make best-efforts to make the appropriate determinations as soon as practicable. We will generally not provide preliminary approval related to a future model year more than two years ahead of time.