

Greenhouse Gas Certification Template

Office of Transportation and Air Quality
November 2011

United States Environmental Protection Agency, Office of Air and Radiation, Office of Transportation and Air Quality
January 24, 2021

General Information

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 70 hours per response (for combination tractors) and 24 hours per response (for vocational vehicles). Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number(s) in any correspondence. Do not send the completed form to this address.

OMB Control No: 2060-NEW
Expires: xx-xx-20xx

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Vehicle Family Information

a) Vehicle Family Description

Manufacturer
Model year
Family
Process code

Input fields for manufacturer information

Fee paid?
Production start date
Intro. to commerce date
Est production volume
Are you a secondary vehicle manufacturer (\$1037.620(b))?

Input fields for production and volume information

Prod. end date

Input field for production end date

Please identify the primary vehicle manufacturer

Input field for primary manufacturer identification

Vehicle type
Averaging set
Useful life (yrs/miles)
Advanced technology (vehicle only)?

Input fields for vehicle type and averaging set information

For Tractors Only

Cab

Roof height

Class

Input fields for tractor specifications

Please list typical applications for this vehicle family

Input field for typical applications

Is this a vocational tractor family?

Input field for vocational tractor family status

CO2 Emission standard
Lowest projected CO2 family emission limit
Highest projected CO2 family emission limit

Input fields for CO2 emission limits

g/ton-mile
g/ton-mile
g/ton-mile

Name, address & telephone of U.S.-based agent for service

Large input field for agent information

Trade name(s) of vehicles in family

Table for trade names

Vehicle assembly location(s)

Table with columns: City, State, Country, Importation Point

Please identify the emission control system(s) utilized in this vehicle family

Input field for emission control systems

Please identify any adjustable parameters (per §1037.115)

Table with columns: Name, Nominal, Minimum, Maximum

CO2 Deterioration Factor

Are you using EPA-assigned DF?

Input field for EPA-assigned DF

Type?

Input field for DF type

Value

Input field for DF value

b) Disclosure

Do you intend on using the averaging, banking & trading provisions of §1037, subpart H?

Yes/No/N-A

Input field for averaging provisions

Has a copy of the warranty statement been sent to the certification staff?

Input field for warranty statement

Has a copy of the emission control label been sent to the certification staff?

Input field for emission control label

Has a copy of your aerodynamic worksheet been sent to the certification staff (tractors only)?

Input field for aerodynamic worksheet

Do you meet the maintenance requirements of §1037.125?

Input field for maintenance requirements

Are you participating in NHTSA's early-credit program?

Input field for early-credit program

Secondary veh. manufacturers: Will vehicles be distributed without conforming to all applicable regulations?

Input field for secondary manufacturers

To the best of your belief, you will not have a negative balance of emission credits for any averaging set when all emission credits are calculated at the end of the year; or you will have a negative balance of emission credits for one or more averaging sets such that it is allowed under §1037.745

Input field for negative balance of credits

c) Vehicle Speed Limit (VSL) System

Do any of your configurations use a vehicle speed limiter, consistent with §1037.640?

Input field for VSL limiter

Please enter your VSL properties for at least the following configurations: Highest Projected Sales, Lowest GEM Input, Highest GEM Input

Table with columns for VSL Configuration Type and rows for Default speed limit, Soft top?, Max soft top duration, Soft top Units, Does your VSL expire?, Expiration point, Effective speed limit (GEM input)

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Technology Worksheet

Manufacturer	<input type="text" value="0"/>	Process Code	<input type="text" value="0"/>
Vehicle Family	<input type="text" value="0"/>	Model Year	<input type="text" value="0"/>
Regulatory Subcategory	<input type="text" value="0"/>	Projected Volume	<input type="text" value="0"/>
Averaging set	<input type="text" value="0"/>		

i) Advanced Technologies

Test Vehicle "A" (conventional vehicle)

Configuration	1-A	2-A	3-A	4-A	5-A
Vehicle model					
Serial number					
Service accumulation (miles)					

Please describe the conventional vehicle used for comparison ("Vehicle A"), including why its suitable for comparison. If you submit a supplemental document containing more detailed information, please reference the document name here.

Please enter description here...

Test Vehicle "B" (advanced technology vehicle)

Configuration	1-B	2-B	3-B	4-B	5-B
Vehicle model					
Serial number					
Service accumulation (miles)					

Please describe the features of the advanced technology vehicle ("Vehicle B"). If this technology is applied across multiple configurations, please explain the differences between each of the configurations. If you submit a supplemental document containing more detailed information, please reference the document name here.

Please enter description here...

Calculations

Configuration	1	2	3	4	5	
Emission rate of Vehicle A						g CO ₂ /ton-mile
Emission rate of Vehicle B						g CO ₂ /ton-mile
Improvement factor	0.00	0.00	0.00	0.00	0.00	
Estimated volume of configuration						

If you have more than 5 configurations, please list the 5 with the highest projected sales in the table below

ii) Innovative Technologies

Please provide a brief description of any innovative technologies you are claiming emission credits for (per §1037.610). If you submit a supplemental document containing more detailed information, please reference the document name here.

Please enter description here...

Summary of innovative technologies

Technology name	Improvement factor	Projected volume	Approval date	US EPA approval number

Please paste your GEM *input* file on this page

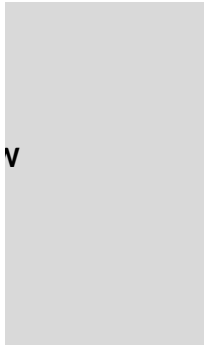
This should include at least 10 subconfigurations (unless the family has fewer), including: highest-CO2 emissions, lowest-CO2 emissions, and highest projected volume and equivalent fuel consumption values in 49 CFR 535.8(c)

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Please paste your GEM **output** file on this page

This should include at least 10 subconfigurations (unless the family has fewer), including: highest-CO2 emissions, lowest-CO2 emissions, and highest projected volume

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