United States Environmental Protection Agency, Office of Air and Radiation, Office of Transportation and Air Quality January 25, 2021

**General Information** 

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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

United States Environmental Prote	ction Agency, Office of A	Air and Radiatio	n, Office of Trar	nsportation and	l Air Quality
January 25, 2021					OMB Control No: 2060-NEW Expires: Xx-xx-XXX
a) Vehicle Family Description Manufacturer Model year Family Process code		Fee paid? Production start Intro. to commer Est production vc Are you a second manufacturer (\$1037.620(b))?	date ce date lume ary vehicle	Prod. end Please idd primary v manufact	I date
Vehicle type Averaging set Useful life (yrs/miles) Advanced technology (vehicle only)?	10/185,000	For Tractors Only Cal Roof heigh Clas		Please list ty	pical applications for this vehicle family
CO <sub>2</sub> Emission standard Lowest projected CO2 family emission limit Highest projected CO2 family emission limit		g/ton-mile g/ton-mile g/ton-mile		is this a voca	Name, address & telephone of U.Sbased agent for service
Trade name(s) of vehicles in family	Vehicle assembly location(s) City City	State	Country	Importation Point	
Please identify the emission control system(s) utilized in this vehicle family	Please identify any adjustable parame Name	eters (per §1037.115)	Minimum   	Maximum	CO2 Deterioration Factor Are you using EPA- assigned DF? Type? Value Value
b) Disclosure Do you intend on using the averaging, banking & Has a copy of the warranty statement been sent Has a copy of the emission control label been set Has a copy of your aerodynamic worksheet been Do you meet the maintenance requirements of Are you participating in NHTSA's early-credit pro Secondary veh. manufacturers: Will vehicles be	k trading provisions of §1037, subpart H : to the certification staff? nt to the certification staff? n sent to the certification staff (tractors §1037.125? ogram? distributed without conforming to all ap	I? only)? oplicable regulations?	Yes/No/N-A	To the be a negativ any avera are calcu will have credits fo that it is a	st of your belief, you will not have e balance of emission credits for ging set when all emission credits lated at the end of the year; or you a negative balance of emission r one or more averaging sets such allowed under §1037.745
c) Vehicle Speed Limit (VSL) System Do any of your configurations use a vehicle speed limiter, consistent with §1037.640? VSL Configuration Type Default speed limit (MPH) Soft top? Soft top speed (MPH) Max soft top duration (per day) Soft top Units Does your VSL expire? Expiration point (Miles Effective speed limit (GEM input) (MPH)	Please enter your VSL properties for a	t least the following confi	gurations: Highest Projec	ted Sales, Lowest GEM Ir	nput, Highest GEM Input

d) Automatic Engine Shutdown (AES) Sys	tem									
Do any of your configurations utilize automatic engine shut-down features, as described in §1037.660?										
Please describe conditions that must be met for the engine to shut-down after 300 seconds (§1037.660(a))										
Please describe any conditions that may override the AES (§1037.660(b))										
Does the AES system have an expiration point?			]							
Configuration type		Configuration 1	Configuratio	n 2		Configuration 3		Configuration	4	]
AES Credit (GEM Input), g CO./ton-mile		0.00	0.00			0.00		0.00		]
										J 
e) Aerodynamics			Method 1	Meth	od 2	Metho	d 3	Method 4	Metl	nod 5
		Method for determining C <sub>d</sub> A?								
tractor being used for a low or mid-roof tractor (per §1037.520(b)(3))?		Date of alternate procedure approval								
Please enter the vehicle family name of the			L1							
	]									
f) Tire Information					g) Weight	Reduction		Please list all componen	ts associate	d with
	you may	entry all the tires used in this vehicle fa submit your own document with this in	mily. Alternatively, formation.		Informatio	on		weight reduction (§103)	7.520(e))	
Make	C <sub>rr</sub>	Model	Drive/Steer		Wheels					
					-	Туре		Wheel materi	al	Used in this family?
					Sin	gle-wide drive t	ire	Steel		
								Light-Weight St	teel	
					Steer o	or dual-wide dri	ve tire	High-Strength S Aluminum	teel	
								Light-Weight Alun	ninum	
					Other Com	ponents (per To	able 5 of §1	.037.520)		
					Com	ponent	Material	Weight reduction (lb)	Innovative	technology?

United States Environme	ental Protection Agency, Office of Air o	nd Radiation, Office of Transportation	ond Air Quality OMB Control No: 2060 Evaluation: Ye we VYY	-NEW
Auxiliary Emission Control I	Device (AECD) Worksheet		Expires. 74*74*7777	
Manufacturer	0	Process Code	0	
Vehicle Family	0	Model Year		
Averaging set	0			
Please use this worksheet to disc As a reminder, \$1037.801 defines "AECD" as to physical "devices" and in many cases are AECD Name	lose any AECDs your vehicle may have s: "any element of design that senses temperature, motive speed, engine RPI software algorithms. Sensed parameter(s)	M, transmission gear, or any other parameter for the purpose of activating, mo Controlled parameter(s)	odulating, delaying or deactivating the operation of any part of the emission con <b>Purpose</b>	trol system." AECDs are not restricted Reduced effectiveness?
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## Greenhouse Gas Certification Template

nited States Environmental Prote nuary 25, 2021 echnology Worksheet	ection Agen	icy, Office of A	ur ana ka	ulation, C	οπιςε οτ Ι	ransporta	c E	OMB Contr Expires: Xx	ol No: 2060-NEV -xx-XXX	N
Manufacturer Vehicle Family Regulatory Subcategory Averaging set		0 0 0 0				Process Code Model Year Projected Vo	e lume	0 0 1 0		
) Advanced Technologies	(ehicle)									
Configuration Vehicle model		1-A	2-	2-A		-A	4-A		5-A	
Service accumulation (miles)										
- set Vehicle "R" (advanced toch	nology yehi	icle)								
Configuration		1-B	2-	В	3.	-В	4-E	3	5-B	
Vehicle model										
Serial number										
Serial number Service accumulation (miles) Please describe the features of the adv between each of the configurations. If	vanced technol you submit a s	ogy vehicle ("Vehi upplemental docu	icle B"). If thi ument contai	s technolog ining more	y is applied detailed info	across multi prmation, ple	ple configura Pase referenc	tions, plea e the docu	se explain the di ment name here	ifferences e.
Serial number Service accumulation (miles) Please describe the features of the adv between each of the configurations. If Please enter description here	vanced technol you submit a s	ogy vehicle ("Vehi upplemental docu more than 5 confi	icle B"). If thi ument contai gurations, pl	s technolog ining more ease list the	y is applied detailed info	across multi rrmation, ple	ple configura ase referenc	tions, plea	se explain the di ment name here	ifferences e.
Serial number Service accumulation (miles) Please describe the features of the adv between each of the configurations. If Please enter description here	vanced technol you submit a s If you have I projected sa 1	ogy vehicle ("Vehi upplemental docu more than 5 confi ales in the table bo 2	icle B"). If thi ument contai gurations, pl elow 3	s technolog ining more ease list the 4	y is applied detailed info e 5 with the 5	across multi ormation, ple	ple configura ase referenc	tions, plea	se explain the di ment name hero	ifferences e.
Serial number Service accumulation (miles) Please describe the features of the adv between each of the configurations. If Please enter description here alculations onfiguration mission rate of Vehicle A mission rate of Vehicle B nprovement factor	If you have the projected set of the set of	ogy vehicle ("Vehi upplemental docu more than 5 confi ales in the table bo 2 0.00	gurations, pl	s technolog ining more ease list the 4 0.00	y is applied detailed info	across multi prmation, ple highest g CO2/tor g CO2/tor	ple configura ase referenc mile mile	tions, plea	se explain the di ment name here	ifferences e.
Serial number Service accumulation (miles) Please describe the features of the adv between each of the configurations. If Please enter description here Calculations Configuration mission rate of Vehicle A mprovement factor Sitimated volume of configuration i) Innovative Technologies Please provide a brief description of ar containing more detailed information, Please enter description here	vanced technol you submit a s	ogy vehicle ("Vehi upplemental docu more than 5 confi ales in the table be 2 0.00 cehnologies you a ce the document	gurations, pl elow 3 0.00 re claiming e name here.	s technolog ining more ease list the 4 0.00 mission cre	y is applied detailed info	across multi prmation, ple highest g CO2/tor g CO2/tor §1037.610).	ple configura ase reference -mile -mile If you submi	tions, plea e the docu	se explain the di iment name here	ifferences e.
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Serial number Service accumulation (miles) Please describe the features of the adv between each of the configurations. If Please enter description here  alculations configuration mission rate of Vehicle A mission rate of Vehicle B mprovement factor stimated volume of configuration i) Innovative Technologies Please provide a brief description of ar containing more detailed information, Please enter description here ummary of innovative technologies Technology name	vanced technol you submit a s	ogy vehicle ("Vehi upplemental docu more than 5 confi ales in the table be 2 0.00 cchnologies you a cce the document	gurations, pl elow 3 0.00 Projected	s technolog ining more ease list the 4 0.00 mission cre	y is applied detailed info	across multi prmation, ple highest g CO2/tor g CO2/tor \$1037.610).	ple configura ase reference -mile -mile	tions, plea e the docu it a supplea US EPA ap	se explain the di iment name here mental documer	ifferences e.
Serial number Service accumulation (miles) Please describe the features of the adv between each of the configurations. If Please enter description here alculations onfiguration mission rate of Vehicle A mission rate of Vehicle B nprovement factor stimated volume of configuration ) Innovative Technologies Please provide a brief description of ar containing more detailed information, Please enter description here ummary of innovative technologies Technology name	If you have 1 projected sa	ogy vehicle ("Vehi upplemental docu more than 5 confi ales in the table be 2 0.00 cchnologies you a cce the document	gurations, pl elow 3 0.00 Projected	s technologining more ease list the 4 0.00 mission cree volume	y is applied detailed info	across multi prmation, ple highest g CO2/tor g CO2/tor \$1037.610).	If you submi	tions, plea e the docu	se explain the di ment name here mental documer	ifferences e.

Inited States Environmental Protection Agency, Office of Air and Radiation, Office of Transportation and Air Quality anuary 25, 2021 IFC Worksheet OMB Control No: 2060-NEW Expires: Xx-xx-XXX										, p: 2060-NEW XX	
Manufacturer Vehicle Family Regulatory Subcategory Averaging set		0	0	]		Process Code Model Year Projected Volum	e	0 0 0			
Please enter information for at least the follo	Please enter information for at least the following configurations: highest system emission A/C System Information				gest refrigerant capacity , highest % leakage, and highest projecte Leakage Inputs (optional)				d sales A/C Leakage Rate		
A/C system number	Refrigerant	Refrigerant GWP, if other than R134a	Production Volume	Refrigerant Capacity (g)	Rigid Pipe Connections emission rate	Service port/control device emission rate (g/year):	Hose permeation rate (g/year):	Compressor emission rate (g/year):	Total System HFC Emission Rate (g/year)	Total System HFC Percent Leakage (%/year)	
Installation details Please list the corporate name(s) (other than the Name	certifying manu	facturer) of who Location (state o	will be the final i r country, if non	installer(s) of the <i>i</i> I-U.S.)	A/C system Location (state or	country, if non-U.S	.)	Location (state or co	ountry, if non-U.S.)		

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)

OMB Control No: 2060-NEW Expires: Xx-xx-XXX 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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