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

United States Environmental Protection Agency, Office of Air and Radiation, Office of Transportation and Air Quality									
January 24, 2021					OMB Control No: 2060-NEW Expires: Xx-xx-XXX				
Vehicle Family Information									
a) Vehicle Family Description Manufacturer Model year Family Process code		Fee paid? Production start Intro. to comme Est production v Are you a second manufacturer (§1037.620(b))?	rce date blume dary vehicle	Please ide	Prod. end date				
Vehicle type Averaging set Useful life (yrs/miles) Advanced technology (vehicle only)?	10/185,000	For Tractors Onl Ca Roof heigh Clas	y	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 City City City City City City	State	Country	Importation Point					
Please identify the emission control system(s) utilized in this vehicle family	Please identify any adjustable parame	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 ser Has a copy of the emission control label been ser Has a copy of your aerodynamic worksheet bee Do you meet the maintenance requirements of Are you participating in NHTSA's early-credit pr Secondary veh. manufacturers: Will vehicles bee	it to the certification staff? ent to the certification staff? en sent to the certification staff (tractors §1037.125? ogram?	only)?	Yes/No/N-A	a negativ any avera are calcul will have credits fo	est of your belief, you will not have e balance of emission credits for aging set when all emission credits lated at the end of the year; or you a negative balance of emission or 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-	s)	t least the following conf	igurations: Highest Projec	cted 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 Please enter the expiration point in		Configuration 1	Configuratio	n 2		Configuration 3		Configuration	4	]
AES Credit (GEM Input), g CO <sub>2</sub> /ton-mile		0.00	0.00		0.00			0.00		]
										J 
e) Aerodynamics			Method 1	Meth	od 2	Metho	d 3	Method 4	Metl	hod 5
		Method for determining $C_dA$ ? $F_{alt-oero}$								
Are $C_d$ A measurements from a high-roof 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							
high-roof tractor	]									
f) Tire Information					g) Weight	Reduction		Please list all componer		d with
	you may	entify 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 mater	al	Used in this family?
				Single-wide drive tire				Steel Aluminum		
								Light-Weight Steel		
					Steer o	or dual-wide dri	ve tire	High-Strength S Aluminum	teel	
								Light-Weight Alur	ninum	
					Other Com	ponents (per T	able 5 of §1	1037.520)		
					Com	ponent	Material	Weight reduction (lb)	Innovative	technology?
										[

United States Environmental Protection Agency, Office of Air and Radiation, Office of Transportation and Air Quality January 24, 2021 OMB Control No: 2060-NEW Explore Yar WYY								
Auxiliary Emission Control I	Device (AECD) Worksheet		Expires: Xx-xx-XXX					
Manufacturer	0	Process Code	0					
Vehicle Family	0	Model Year	0					
Regulatory Subcategory	0	Projected Volume	0					
Averaging set	0							
Please use this worksheet to disc As a reminder, \$1037.801 defines "AECD" a to physical "devices" and in many cases are	lose any AECDs your vehicle may have s: "any element of design that senses temperature, motive speed, engine RP software algorithms.	M, transmission gear, or any other parameter for the purpose of activating, mo	odulating, delaying or deactivating the operation of any part of the emission cor	trol system." AECDs are not restricted				
AECD Name	Sensed parameter(s)	Controlled parameter(s)	Purpose	Reduced effectiveness?				
	1	+	1					

## Greenhouse Gas Certification Template

nited States Environmental Prote nuary 24, 2021 echnology Worksheet	ction Ager	ncy, Office of A	ir and Ra	diation, (	Office of 1	Transporto	OMB Co	ality ntrol No: 2060-NEW Xx-xx-XXX		
Manufacturer Vehicle Family Regulatory Subcategory Averaging set		0 0 0 0	]			Process Code Model Year Projected Volume		0 0 0		
) Advanced Technologies	abiela)									
Fest Vehicle "A" (conventional ve Configuration Vehicle model		1-A	2-	A	3	B-A	4-A	5-A		
Service accumulation (miles)										
Please describe the conventional vehicl more detailed information, please refer				ng why its s	uitable for c	comparison.	lf you submit a suppl	emental document containing		
est Vehicle "B" (advanced techr	nology veh									
Configuration Vehicle model	1-B		2-B		3-B		4-B	5-B		
Serial number Service accumulation (miles)										
Please enter description here		more than 5 confi		ease list th	e 5 with the	highest				
alculations onfiguration	projected s	ales in the table be	elow 3	4	5					
mission rate of Vehicle A mission rate of Vehicle B						g CO2/tor g CO2/tor				
nprovement factor stimated volume of configuration	0.00	0.00	0.00	0.00	0.00					
i) Innovative Technologies Please provide a brief description of any containing more detailed information, p Please enter description here				emission cre	edits for (per		. If you submit a supp	olemental document		
ummary of innovative technologies										
Technology name		Improvement factor	Projected	l volume	Approv	val date	al date US EPA approval number			
		1	1				1			

United States Environmental Protection Agency, Office of Air and Radiation, Office of Transportation and Air Quality January 24, 2021 HFC Worksheet OMB Control No: 2060-NEW Expires: XX-XX-XXX									o: 2060-NEW		
Manufacturer Vehicle Family Regulatory Subcategory Averaging set					Process Code Model Year Projected Volume				0 0 0		
Please enter information for at least the follo	owing configura C System Inform		ystem emissior	ı rate, largest ref	rigerant capacity		ge, and highest p uts (optional)	rojected sales	A/C Leakage Rate		
A/C system number	Refrigerant GWP, if other than R134a Production Nefrigerant Capacity (g) Refrigerant Capacity (g					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	e certitying manu	facturer) of who Location (state c				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

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

