

MOBILE SOURCE CERTIFICATION AND COMPLIANCE FEE PAYMENT FORM FOR ON-ROAD APPLICATIONS ONLY

CARB USE ONLY

Invoice Name	MSF240804
Invoice Date	Feb 06, 2025

COMPANY INFORMATION

Company Name	Ford Motor Company
Address	1 American Road
City	Dearborn
State	Michigan
Zip	48193
Country	United States
Contact Name	Tina Oliver
Contact Telephone Number	313-3238938
Contact Email	toliver@ford.com
CARB Customer Number	CCAM000031

APPLICATION INFORMATION

Payment Row Number	Product Description or File Name	Model Year/Calendar Year	Unique Application Identifier: Test Group, Engine Family, Trailer Family, Vehicle Family, ZEP Family, if applicable (ID listed in payment row must match the unique identifier given to the certification application)	Category Type	Fee Type	Amount
1	26_CBI_TFMXT03.0JPC_APP	Model Year 2026	TFMXT03.0JPC	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
2	26_CBI_TFMXT02.34K4_APP	Model Year 2026	TFMXT02.34K4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
3	26_CBI_TFMXT02.02JF_APP	Model Year 2026	TFMXT02.02JF	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
4	26_CBI_TFMXT03.0TPC_APP	Model Year 2026	TFMXT03.0TPC	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
5	26_CBI_TFMXT03.33F1_APP	Model Year 2026	TFMXT03.33F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
6	26_CBI_TFMXV05.0VKN_APP	Model Year 2026	TFMXV05.0VKN	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
7	26_CBI_TFMXV05.2GTD_APP	Model Year 2026	TFMXV05.2GTD	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
8	26_CBI_TFMXV03.33U3_APP	Model Year 2026	TFMXT03.33U3	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
9	26_CBI_TFMXT02.54F1_APP	Model Year 2026	TFMXT02.54F1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00

10	26_CBI_TFMXT01.52X4_APP	Model Year 2026	TFMXT01.52X4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
11	26_CBI_TFMXV02.3VJG_APP	Model Year 2026	TFMXV02.3VJG	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
12	26_CBI_TFMXT03.51F2_APP	Model Year 2026	TFMXT03.51F2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
13	26_CBI_TFMXT02.02Y5_APP	Model Year 2026	TFMXT02.02Y5	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
14	26_CBI_TFMXT03.57AV_APP	Model Year 2026	TFMXT03.57AV	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
15	26_CBI_TFMXT05.03DP_APP	Model Year 2026	TFMXT05.03DP	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
16	26_CBI_TFMXT03.54HT_APP	Model Year 2026	TFMXT03.54HT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
17	26_CBI_TFMXT03.54JK_APP	Model Year 2026	TFMXT03.54JK	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
18	26_CBI_TFMXT02.73JK_APP	Model Year 2026	TFMXT02.73JK	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
19	26_CBI_TFMXT00.0BG2_APP	Model Year 2026	TFMXT00.0BG2	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,111.00
20	26_CBI_TFMXT00.0BG4_APP	Model Year 2026	TFMXT00.0BG4	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,111.00
21	26_CBI_TFMXT05.2AHS_APP	Model Year 2026	TFMXT05.2AHS	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
22	26_CBI_TFMXV00.0B4A_APP	Model Year 2026	TFMXV00.0B4A	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,111.00
23	26_CBI_TFMXV00.0G4A_APP	Model Year 2026	TFMXV00.0G4A	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,111.00
24	26_CBI_TFMXT02.36HH_APP	Model Year 2026	TFMXT02.36HH	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
25	26_CBI_TFMXT03.03V8_APP	Model Year 2026	TFMXT03.03V8	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
26	26_CBI_TFMXV00.0B4R_APP	Model Year 2026	TFMXV00.0B4R	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,111.00
27	26_CBI_TFMXV00.0BLA_APP	Model Year 2026	TFMXV00.0BLA	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,111.00
28	26_CBI_TFMXV00.0BLR_APP	Model Year 2026	TFMXV00.0BLR	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,111.00
29	26_CBI_TFMXT02.31EN_APP	Model Year 2026	TFMXT02.31EN	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
30	26_CBI_TFMXT02.72V9_APP	Model Year 2026	TFMXT02.72V9	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
31	26_CBI_TFMXT02.71HT_APP	Model Year 2026	TFMXT02.71HT	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00
32	26_CBI_TFMXV05.2VEZ_APP	Model Year 2026	TFMXV05.2VEZ	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 48,447.00

				medium-duty vehicle test group		
--	--	--	--	--------------------------------	--	--

Total Due	\$ 1,295,952.00
------------------	------------------------

I,  _____

(Responsible Party Signature Here)

_, attest that any information provided is true, accurate, and complete.

Application for Certification

Part 1



FORD MOTOR COMPANY

APPLICATION FOR CERTIFICATION – PART 1

2026 Model Year

Test Group:	TFMXV00.0G4A
Durability Group:	TFMXEEVNNG1F
Test Group Description:	LDV / PC, AWD
Durability Group Description:	Battery Electric
Application Standards:	Federal: Tier 3 Bin 0 California: ZEV
Carlines Covered:	MUSTANG MACH-E GT MUSTANG MACH-E Rally

Vehicles Tested

Vehicle Tested: RGW1-0.0-J-900

Release Date: February 16, 2026

For questions, contact:
Terry Cowher, tcowher@ford.com, (313) 805-6360



SECTION 2

Durability Group Description

For a description of the Durability Group for this test group refer to Section 16.00.00.00 of the Common Section.



SECTION 5

Test Group Description

For a description of this test group, refer to the Cover Page (00.00.00.00)
and to the Description of Vehicles Covered by Certificate section
(12.00.00.00)



SECTION 6

Test Vehicle Description

For a description of the test vehicles utilized in this test group, refer to the Description of Vehicles Covered by Certificate section (12.00.00.00) of this application.



SECTION 7

EPA Certification Summary Information Report (Test Results)

Certification Summary Information Report

Test Group		TFMXV00.0G4A			Evaporative/Refueling Family			--		
Models Covered by this Certificate										
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup			
Ford Motor Company	1 - Ford	3 - MUSTANG MACH-E RALLY	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No			
Ford Motor Company	1 - Ford	16 - MUSTANG MACH-E GT	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No			
Ford Motor Company	1 - Ford	16 - MUSTANG MACH-E GT	Federal	All Wheel Drive	Automatic	1	No			
Ford Motor Company	1 - Ford	3 - MUSTANG MACH-E RALLY	Federal	All Wheel Drive	Automatic	1	No			
Engine Description										
Hybrid Type			--		Hybrid Description			--		
Engine Type			--		Mfr Engine Description			--		
Engine Block Arrangement			--		Mfr Engine Block Arrangement Description			--		
Camless Valvetrain Indicator			--		Oil Viscosity/Classification			--		
Number of Cylinders/Rotors			--		Mechanically Variable Compression Ratio Indicator			--		
After Treatment Device(s) (ATD)										
Mfr After Treatment Device (ATD) Comments			--							
Direct Ozone Reduction (DOR) Device			--							
Mfr Emission Control Device Comments			--							
Official Test Numbers										
Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity	--	--	--	--	--	--	--	--	--	--
Official Charge Depleting Test Numbers										
Test Group Fuel	UDDS			Highway						
Electricity	--			--						

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	370	Battery Energy Capacity	285.4
Battery Specific Energy	162.8	Battery Charger Type	On-Board
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Both	Driver Controlled Regenerative Braking	No
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	2		
Motor/Generator Type 1	AC permanent magnet synchronou	Rated Motor/Generator Power	179
Motor/Generator Type 2	AC permanent magnet synchronou	Rated Motor/Generator Power	179
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	This is a pure BEV vehicle. The Drive Motors are both AC permanent magnet synchronous machines.		

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Emission Data Vehicle Information

Vehicle ID / Configuration	RMA00015 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	RFMXV00.0G4A	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2024		
Vehicle Model			
Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	Mustang Mach-E GT

Leak Family Details

Leak Family Identifier	--	Leak Family Name	--
-------------------------------	----	-------------------------	----

Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Electric Motor	Electricity

Hybrid Indicator	No	Multiple Fuel Combustion	--
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--
Rechargeable Energy Storage System	Battery(s)		
Off-board charge Capable Indicator	Yes	Odometer Correction Factor	1.03
Odometer Correction -- Initial	0		
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	RCGWKKNF0002	Rated Horsepower	480
Displacement (liters)	0.001	Air Aspiration Method, if 'Other'	BEV
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--
Number of Air Aspiration Devices	--	Drive Mode While Testing	All Wheel Drive
Charge Air Cooler Type	N/A	Aged Emission Components	4,000 (mi)
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5250
Curb Weight (lbs)	5006	N/V Ratio	117.8
GVWR (lbs)	5980		
Axle Ratio	9.72	# of Transmission Gears	1
Transmission Type	BEV	Creeper Gear	No
Transmission Lockup	No		

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	38.42	0.2578	0.0199	-8.26	0.1468	0.01833	13.5

Emission Control Device Comments BEV

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Ford Mustang Mach-E GT		

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
Test #	RFMX10083371	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	11/16/2023	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Assigned
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2719	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	106.554
Charge Depleting Range (Calculated miles)	429.111	Charge Depleting Range (Actual miles)	429.111
Charge Depleting Range Highway (Calculated miles)	383.217	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	429.111
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--

Charge Depleting Bag/Phase #1

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.46
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.22
Drive Trace Energy Economy Rating	0.06
Drive Trace Inertia Work Ratio Rating	0.56
Integrated DC KW-HRS	1.806
Manufacturer Fuel Economy	24.214

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.27</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.93</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.16</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.86</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.595</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>25.264</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.27	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.93	Drive Trace Energy Economy Rating	-0.16	Drive Trace Inertia Work Ratio Rating	2.86	Integrated DC KW-HRS	2.595	Manufacturer Fuel Economy	25.264
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.27																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.93																		
Drive Trace Energy Economy Rating	-0.16																		
Drive Trace Inertia Work Ratio Rating	2.86																		
Integrated DC KW-HRS	2.595																		
Manufacturer Fuel Economy	25.264																		
Charge Depleting Bag/Phase #3																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.47</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.81</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.56</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.83</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.695</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>22.689</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.47	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.81	Drive Trace Energy Economy Rating	0.56	Drive Trace Inertia Work Ratio Rating	0.83	Integrated DC KW-HRS	1.695	Manufacturer Fuel Economy	22.689
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.47																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.81																		
Drive Trace Energy Economy Rating	0.56																		
Drive Trace Inertia Work Ratio Rating	0.83																		
Integrated DC KW-HRS	1.695																		
Manufacturer Fuel Economy	22.689																		
Charge Depleting Bag/Phase #4																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>233.056</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.17</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.55</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.39</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>70.441</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>30.225</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	233.056	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.17	Drive Trace Energy Economy Rating	0.55	Drive Trace Inertia Work Ratio Rating	2.39	Integrated DC KW-HRS	70.441	Manufacturer Fuel Economy	30.225
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	233.056																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.17																		
Drive Trace Energy Economy Rating	0.55																		
Drive Trace Inertia Work Ratio Rating	2.39																		
Integrated DC KW-HRS	70.441																		
Manufacturer Fuel Economy	30.225																		
Charge Depleting Bag/Phase #5																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.453</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.18</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.04</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.59</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.596</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>21.413</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.453	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.18	Drive Trace Energy Economy Rating	0.04	Drive Trace Inertia Work Ratio Rating	0.59	Integrated DC KW-HRS	1.596	Manufacturer Fuel Economy	21.413
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.453																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.18																		
Drive Trace Energy Economy Rating	0.04																		
Drive Trace Inertia Work Ratio Rating	0.59																		
Integrated DC KW-HRS	1.596																		
Manufacturer Fuel Economy	21.413																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
-------------------	--------------	------------------------------	----

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.279
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	9.86
Drive Trace Energy Economy Rating	1.94
Drive Trace Inertia Work Ratio Rating	12.66
Integrated DC KW-HRS	2.484
Manufacturer Fuel Economy	24.165

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.46
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.19
Drive Trace Energy Economy Rating	0.71
Drive Trace Inertia Work Ratio Rating	1.63
Integrated DC KW-HRS	1.64
Manufacturer Fuel Economy	21.988

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	40.974
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.17
Drive Trace Energy Economy Rating	0.55
Drive Trace Inertia Work Ratio Rating	2.39
Integrated DC KW-HRS	12.45
Manufacturer Fuel Economy	30.386

Manufacturer Test Comments

Mustang Mach-E GT. MCT ran 11/16/2023. Recharge time 35614sec / 9.89hrs Range (miles) Unadjusted With 0.7 Adjustment City 429.1109 300.38 Highway 383.2173 268.25 Combined 408.4587 285.92 DC Energy Consumption (W-hr / miles) (Unweighted) ECdc UDDS_1 -242.14 ECdc HFEDS_1 -252.64 ECdc UDDS_2 -226.89 ECdc UDDS_3 -214.13 ECdc HFEDS_2 -241.65 ECdc UDDS_4 -219.88 DC Energy Consumption (W-hr / miles) (Weighted) ECdc city -220.71 ECdc highway -247.14 Driver metrics by phase - middle CSC = phases 4/5/6/7 Phase EER ASCR IWR % % 1 0.06 0.22 0.56 2 0.16 1.93 2.86 3 0.56 0.81 0.83 8 0.04 0.18 0.59 9 1.94 9.96 12.66 10 0.71 1.19 1.63 Total 0.55 1.17 2.39 Note drive metrics not recorded during steady state sections. Metrics for total test entered during those phases.

Certification Summary Information Report

Test Group		TFMXV00.0G4A				Evaporative/Refueling Family				--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	RMA00015 / 1	Manufacturer Vehicle Configuration Number	1						
Original Test Group Name	RFMXV00.0G4A	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2024								
Vehicle Model									
Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	Mustang Mach-E GT Rally						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Drive Source and Fuel#</th> <th style="width: 33%;">Drive Source</th> <th style="width: 33%;">Fuel</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Electric Motor</td> <td style="text-align: center;">Electricity</td> </tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No	Multiple Fuel Combustion	--						
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes						
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--						
Rechargeable Energy Storage System	Battery(s)								
Off-board charge Capable Indicator	Yes	Odometer Correction Factor	1.03						
Odometer Correction -- Initial	0								
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	RCGWELNG0007	Rated Horsepower	480						
Displacement (liters)	0.001	Air Aspiration Method, if 'Other'	BEV						
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--						
Number of Air Aspiration Devices	--	Drive Mode While Testing	All Wheel Drive						
Charge Air Cooler Type	N/A	Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5250						
Curb Weight (lbs)	5014	N/V Ratio	115.8						
GVWR (lbs)	5980								
Axle Ratio	9.72	# of Transmission Gears	1						
Transmission Type	BEV	Creeper Gear	No						
Transmission Lockup	No								
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	40.42	0.2981	0.02052						
			A (lbf)						
			B (lbf/mph)						
			C (lbf/mph**2)						
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
			14.2						
Emission Control Device Comments	BEV								

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Ford Mustang Mach-E GT Rally		

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
Test #	RFMX10084274	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	01/23/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	LDV/Passenger Car	DF Type	Mfr. Assigned
Verify Test Lab ID	APTL		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4388	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	105.148
Charge Depleting Range (Calculated miles)	400.699	Charge Depleting Range (Actual miles)	400.699
Charge Depleting Range Highway (Calculated miles)	360.45	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	400.699
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		7.448	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.47	
Drive Trace Energy Economy Rating		-0.34	
Drive Trace Inertia Work Ratio Rating		0.88	
Integrated DC KW-HRS		1.857	
Manufacturer Fuel Economy		24.923	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.234</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.55</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.2</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.83</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.696</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>26.34</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.234	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.55	Drive Trace Energy Economy Rating	-0.2	Drive Trace Inertia Work Ratio Rating	0.83	Integrated DC KW-HRS	2.696	Manufacturer Fuel Economy	26.34
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.234																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.55																		
Drive Trace Energy Economy Rating	-0.2																		
Drive Trace Inertia Work Ratio Rating	0.83																		
Integrated DC KW-HRS	2.696																		
Manufacturer Fuel Economy	26.34																		
Charge Depleting Bag/Phase #3																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.432</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.54</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.45</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.5</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.755</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.613</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.432	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.54	Drive Trace Energy Economy Rating	-0.45	Drive Trace Inertia Work Ratio Rating	-0.5	Integrated DC KW-HRS	1.755	Manufacturer Fuel Economy	23.613
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.432																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.54																		
Drive Trace Energy Economy Rating	-0.45																		
Drive Trace Inertia Work Ratio Rating	-0.5																		
Integrated DC KW-HRS	1.755																		
Manufacturer Fuel Economy	23.613																		
Charge Depleting Bag/Phase #4																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>232.119</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.79</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.2</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.59</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>74.241</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>31.984</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	232.119	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.79	Drive Trace Energy Economy Rating	0.2	Drive Trace Inertia Work Ratio Rating	1.59	Integrated DC KW-HRS	74.241	Manufacturer Fuel Economy	31.984
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	232.119																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.79																		
Drive Trace Energy Economy Rating	0.2																		
Drive Trace Inertia Work Ratio Rating	1.59																		
Integrated DC KW-HRS	74.241																		
Manufacturer Fuel Economy	31.984																		
Charge Depleting Bag/Phase #5																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.452</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.93</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.55</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.24</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.743</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.394</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.452	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.93	Drive Trace Energy Economy Rating	0.55	Drive Trace Inertia Work Ratio Rating	1.24	Integrated DC KW-HRS	1.743	Manufacturer Fuel Economy	23.394
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.452																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.93																		
Drive Trace Energy Economy Rating	0.55																		
Drive Trace Inertia Work Ratio Rating	1.24																		
Integrated DC KW-HRS	1.743																		
Manufacturer Fuel Economy	23.394																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
-------------------	--------------	------------------------------	----

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.252
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	6.37
Drive Trace Energy Economy Rating	1.23
Drive Trace Inertia Work Ratio Rating	7.56
Integrated DC KW-HRS	2.649
Manufacturer Fuel Economy	25.843

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.469
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.02
Drive Trace Energy Economy Rating	0.23
Drive Trace Inertia Work Ratio Rating	1.82
Integrated DC KW-HRS	1.7416
Manufacturer Fuel Economy	23.317

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	22.39
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	0.79
Drive Trace Energy Economy Rating	0.2
Drive Trace Inertia Work Ratio Rating	1.59
Integrated DC KW-HRS	7.36
Manufacturer Fuel Economy	32.873

Manufacturer Test Comments

MCT for Rally unique label - Recharge time 36723 sec / 10.2hrs - Did not have drive rating data for steady state portions (phases 4 and 8) total overall drive ratings used there.

Certification Summary Information Report

Test Group	TFMXV00.0G4A		Evaporative/Refueling Family				--			
Consolidated List of Standards										
Exhaust Standards										
Cert Region	California + CAA Section 177 states			Cert/In-Use Code			Both			
Vehicle Class	LDV/Passenger Car			Standard Level			California ZEV			
Fuel	Electricity			Test Procedure			Multi-Cycle Test (MCT)			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CREE	--	--	--	--	--	--	0	0	
150,000 miles	CREE	--	--	--	--	--	--	0	0	
Cert Region	California + CAA Section 177 states			Cert/In-Use Code			Both			
Vehicle Class	LDV/Passenger Car			Standard Level			California ZEV			
Fuel	Electricity			Test Procedure			Cold CO			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0	0	
Cert Region	Federal			Cert/In-Use Code			Both			
Vehicle Class	LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 0			
Fuel	Electricity			Test Procedure			Charge Depleting Highway			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CREE	--	--	--	--	--	--	0	0	
Cert Region	Federal			Cert/In-Use Code			Both			
Vehicle Class	LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 0			
Fuel	Electricity			Test Procedure			Cold CO			
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CO	--	--	--	--	--	--	0	0	

Certification Summary Information Report

Test Group		TFMXV00.0G4A			Evaporative/Refueling Family			--		
Cert Region		Federal			Cert/In-Use Code			Both		
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 3 Bin 0		
Fuel		Electricity			Test Procedure			Multi-Cycle Test (MCT)		
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std	
150,000 miles	CREE	--	--	--	--	--	--	0	0	

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	--
Glossary			
Useful Life			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
Emission Name			
HC-TOTAL	Total Hydrocarbon	AS-VOLT	Average System Voltage
CO	Carbon Monoxide	CO2 BAG 1	Bag 1 Carbon Dioxide
CO2	Carbon dioxide	CO2 BAG 2	Bag 2 Carbon Dioxide
CREE	Carbon-Related Exhaust Emissions	CO2 BAG 3	Bag 3 Carbon Dioxide
OPT-CREE	Optional Carbon-Related Exhaust Emissions	CO2 BAG 4	Bag 4 Carbon Dioxide
NOX	Nitrogen Oxide	NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides
PM	Particulate Matter	NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides
PM-COMP	SFTP Composite Particulate Matter	DT-IWRR	Drive Trace Inertia Work Ratio Rating
HC-NM	Non-methane Hydrocarbon	DT-ASCR	Drive Trace Absolute Speed Change Rating
OMHCE	Organic material Hydrocarbon Equivalent	DT-EER	Drive Trace Energy Economy Rating
OMNMHCE	Organic material non-methane HC equivalent	COMB-CREE	Combined Carbon-Related Exhaust Emissions
NMOG	Non-methane organic gases	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
HCHO	Formaldehyde	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
H3C2HO	Acetaldehyde	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	LEAK-DIA	Effective Leak Diameter (inches)
CO-COMP	SFTP Composite Carbon Monoxide	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
ETHANOL	C2H5OH - Ethanol	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
FE BAG 1	Bag 1 Fuel Economy	KW-HRS	Integrated DC KW-HRS
FE BAG 2	Bag 2 Fuel Economy	CH4 BAG 1	Bag 1 Methane
FE BAG 3	Bag 3 Fuel Economy	CH4 BAG 2	Bag 2 Methane
FE BAG 4	Bag 4 Fuel Economy	CH4 BAG 3	Bag 3 Methane
MFR FE	Manufacturer Fuel Economy	CH4 BAG 4	Bag 4 Methane
HC	Hydrocarbon for Running Loss and ORVR	CO BAG 1	Bag 1 Carbon Monoxide
METHANE	CH4 - Methane	CO BAG 2	Bag 2 Carbon Monoxide
METHANOL	CH3OH - Methanol	CO BAG 3	Bag 3 Carbon Monoxide
N2O	Nitrous Oxide	CO BAG 4	Bag 4 Carbon Monoxide
SPITBACK	Spitback Hydrocarbon in grams	NMOG BAG 1	Bag 1 Non-methane organic gases
AMP-HRS	Integrated Amp-hours	NMOG BAG 2	Bag 2 Non-methane organic gases
START-SOC	System Start State of Charge Watt-hours	NMOG BAG 3	Bag 3 Non-methane organic gases
END-SOC	System End State of Charge Watt-hours	NMOG BAG 4	Bag 4 Non-methane organic gases
ACT-DISTANCE	Actual Distance Driven (miles)		

Certification Region

Certification Summary Information Report

Test Group	TFMXV00.0G4A	Evaporative/Refueling Family	
CA	California + CAA Section 177 states	FA	Federal
Exhaust Emission Standard Level			
B1	Federal Tier 2 Bin 1	T3B160	Federal Tier 3 Bin 160
B2	Federal Tier 2 Bin 2	T3B125	Federal Tier 3 Bin 125
B3	Federal Tier 2 Bin 3	T3B110	Federal Tier 3 Transitional Bin 110
B4	Federal Tier 2 Bin 4	T3B85	Federal Tier 3 Transitional Bin 85
B5	Federal Tier 2 Bin 5	T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover
B6	Federal Tier 2 Bin 6	T3B70	Federal Tier 3 Bin 70
B7	Federal Tier 2 Bin 7	T3B50	Federal Tier 3 Bin 50
B8	Federal Tier 2 Bin 8	T3B30	Federal Tier 3 Bin 30
B9	Federal Tier 2 Bin 9	T3B20	Federal Tier 3 Bin 20
B10	Federal Tier 2 Bin 10	T3B0	Federal Tier 3 Bin 0
B11	Federal Tier 2 Bin 11	HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HDV2B250	Federal Tier 3 HD Class 2b Bin 250
L2	California LEV-II LEV	HDV2B200	Federal Tier 3 HD Class 2b Bin 200
L2OP	California LEV-II LEV Optional	HDV2B170	Federal Tier 3 HD Class 2b Bin 170
U2	California LEV-II ULEV	HDV2B150	Federal Tier 3 HD Class 2b Bin 150
S2	California LEV-II SULEV	HDV2B0	Federal Tier 3 HD Class 2b Bin 0
ZEV	California ZEV	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630
OT	Other	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570
T1	Federal Tier 1	HDV3B400	Federal Tier 3 HD Class 3 Bin 400
PZEV	California PZEV	HDV3B270	Federal Tier 3 HD Class 3 Bin 270
L2LEV160	California LEV-II LEV160	HDV3B230	Federal Tier 3 HD Class 3 Bin 230
L2ULEV125	California LEV-II ULEV125	HDV3B200	Federal Tier 3 HD Class 3 Bin 200
L2SULEV30	California LEV-II SULEV30	HDV3B0	Federal Tier 3 HD Class 3 Bin 0
L2LEV395	California LEV-II LEV395	L4SULEV100	California LEV-IV SULEV100
L2ULEV340	California LEV-II ULEV340	L4SULEV125	California LEV-IV SULEV125
L2LEV630	California LEV-II LEV630	L4SULEV15	California LEV-IV SULEV15
L2ULEV570	California LEV-II ULEV570	L4SULEV150	California LEV-IV SULEV150
L3LEV160	California LEV-III LEV160	L4SULEV170	California LEV-IV SULEV170
L3ULEV125	California LEV-III ULEV125	L4SULEV175	California LEV-IV SULEV175
L3ULEV70	California LEV-III ULEV70	L4SULEV20	California LEV-IV SULEV20
L3ULEV50	California LEV-III ULEV50	L4SULEV200	California LEV-IV SULEV200
L3SULEV30	California LEV-III SULEV30	L4SULEV230	California LEV-IV SULEV230
L3SULEV20	California LEV-III SULEV20	L4SULEV25	California LEV-IV SULEV25
L3LEV395	California LEV-III LEV395	L4SULEV30	California LEV-IV SULEV30
L3ULEV340	California LEV-III ULEV340	L4SULEV75	California LEV-IV SULEV75
L3ULEV250	California LEV-III ULEV250	L4SULEV85	California LEV-IV SULEV85
L3ULEV200	California LEV-III ULEV200	L4ULEV125	California LEV-IV ULEV125

Certification Summary Information Report

Test Group		TFMXV00.0G4A	Evaporative/Refueling Family		--
L3SULEV170	California LEV-III SULEV170		L4ULEV200	California LEV-IV ULEV200	
L3SULEV150	California LEV-III SULEV150		L4ULEV250	California LEV-IV ULEV250	
L3LEV630	California LEV-III LEV630		L4ULEV270	California LEV-IV ULEV270	
L3ULEV570	California LEV-III ULEV570		L4ULEV40	California LEV-IV ULEV40	
L3ULEV400	California LEV-III ULEV400		L4ULEV400	California LEV-IV ULEV400	
L3ULEV270	California LEV-III ULEV270		L4ULEV50	California LEV-IV ULEV50	
L3SULEV230	California LEV-III SULEV230		L4ULEV60	California LEV-IV ULEV60	
L3SULEV200	California LEV-III SULEV200		L4ULEV70	California LEV-IV ULEV70	
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)		M	Manual	
A	Automatic		OT	Other	
AM	Automated Manual		SA	Semi-Automatic	
CVT	Continuously Variable		SCV	Selectable Continuously Variable (e.g. CVT with paddles)	
Drive System Code					
4	4-Wheel Drive		P	Part-time 4-Wheel Drive	
F	2-Wheel Drive, Front		A	All Wheel Drive	
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter		ICI	Independent Commercial Importer	
CSI	Certificate Summary Information		ORVR	Onboard Refueling Vapor Recovery	
DF	Deterioration Factor		SIL	Shift Indicator Light	
Evap	Evaporation, Evaporative		Trans	Transmission	



SECTION 8

Emission Testing Waiver Statements

Refer to Section 14.01.00.00 of the Common Section for Statements of Compliance.



SECTION 8

Emission Testing Waiver Statements and Statements of Compliance

Statement of Compliance for test group TFMXV00.0G4A

This vehicle conforms to US EPA Tier 3 Bin 0 vehicle regulations applicable to 2026 model year new motor vehicles and to California regulations applicable to 2026 model year new ZEV light duty vehicles.

For additional statements of compliance, please refer to Section 14.01.00.00 of the Common Section.



SECTION 12

Description of Vehicles Covered by Certificate and Test Parameters

2026MY Mach-E GT / Mach-E Rally Car Parts List

Cert. Level	Certification Code	Calibration	PCM -12A650-	HPCM -7P120-	BECM -10B687-	BCCM -10B689-	ABS -2C219-	Date
Initial	TCGWEKNG0001	TCGWEKNF01	PTJ98-GA	PSK98-AN	TK98-AB	PSJ98-FF	TK9C-AA	8/5/2025
Initial	TCGWEKNJ0001	TCGWEKNF01	PTJ98-GA	PSK98-AN	TK98-AB	PSJ98-FF	TK9C-AA	8/5/2025
Initial	TCGWEKNF0001	TCGWEKNF01	PTJ98-GA	PSK98-AN	TK98-AB	PSJ98-FF	TK9C-AA	8/5/2025
Initial	TCGWELNE0001	TCGWELNE01	PTJ98-HA	PSK98-BN	TK98-AB	PSJ98-FF	TK9C-AA	8/5/2025

HV Battery Assembly: SK98-10B759-TE, TK98-10B759-TB (Alt.)

PDU (Primary Drive Unit): RJ98-7P500-BB

SDU (Secondary Drive Unit): LJ9P-7B000-BE

Section 12.00.05.00 – Test Vehicle & Test Procedure Information

Model	Mustang Mach-E GT	Mustang Mach-E Rally Car
Test Purpose	24MY Range Test	24MY Range Test
Subconfiguration	Config 0	Config 1
Engine Code	RCGWELNE00	RCGWELNE00
Equivalent Test Weight	5250 lbs	5250 lbs
Curb Weight	5027 lbs	5021 lbs
GVWR	5980 lbs	5980 lbs
TRLHP	13.5	14.2
Roadloads	f0 = 44.26	f0 = 45.12
	f1 = 0.1991	f1 = 0.2397
	f2 = 0.02358	f2 = 0.02509
Axle Ratio	15.1	16.0
Tires	P245/45R20	P245/45R20
Vehicle ID No	RGW1-0.0-J-900 (GT)	RGW1-0.0-J-900 (Rally)
Model Year	2024	2024

Battery and Vehicle Preconditioning Procedures

1000 miles were accumulated on this vehicle / battery before testing following requirements of 40 CFR §86.1831-01 and California Test Procedures for 2026 and Subsequent Model Year Zero-Emission Vehicles and Plug-in Hybrid Electric Vehicles.

Dynamometer Test Procedure

The vehicle was tested according to SAE J1634 “Battery Electric Vehicle Energy Consumption and Range Test Procedure,” as revised by SAE International in July, 2017. The 2017 version of SAE J1634 is used with special approval granted by CARB. The Multi-Cycle Range and Energy Consumption Test (MCT) was performed. A constant speed cycle speed of 65 mph was used.

Special Test Procedures

To ensure full charge before MCT test, Ford performs drive-down of a highway cycle and 65mph steady state driving before charge / soak prior to MCT. Please contact Ford for additional testing instructions prior to performing in-use testing.

Details on how to operate the vehicle can be found in the Owner’s Manual. Please reference the Owner’s manual for safety precautions and emergency procedures related to the High Voltage Battery.

Vehicle Description Report

Test Group: TFMXV00.0G4A

ID Number	5289270	5289273	5289278	5289279
Displacement	0.0	0.0	0.0	0.0
Cert Code	TCGWEKNF0001	TCGWEKNG0001	TCGWEKNJ0001	TCGWELNE0001
Fuel Tank(s)				
Carline	MUSTANG MACH-E GT	MUSTANG MACH-E GT	MUSTANG MACH-E GT	MUSTANG MACH-E RALLY
Wheel Configuration	Standard	Standard	Standard	Standard
Body Style	Sport Utility Vehicle	Sport Utility Vehicle	Sport Utility Vehicle	Sport Utility Vehicle
Wheelbase	117.5	117.5	117.5	117.5
Transcode Combo	WA	WA	WA	WA
Curb Weight	5040	5040	5040	5036
ETW	5250	5250	5250	5250
Loaded Weight LVW	5340	5340	5340	5336
ALVW-ETW	5500	5500	5500	5500
Adj. Loaded Weight	5517	5517	5517	5515
GVWR	5995	5995	5995	5995
GCWR	0	0	0	0
Min Axle Ratio	9.72	9.72	9.72	9.72
Max Axle Ratio	9.72	9.72	9.72	9.72
Min N/V Ratio	117.8	117.8	117.8	115.8
Max N/V Ratio	117.8	117.8	117.8	115.8
Emission Vehicle Class	LDV	LDV	LDV	LDV
Drive Code	All Wheel Drive	All Wheel Drive	All Wheel Drive	All Wheel Drive
Trans Type	Automatic	Automatic	Automatic	Automatic
Calibration Application	50ST	50ST	50ST	50ST
Min Tire Size	245/45R20 - 117.8	245/45R20 - 117.8	245/45R20 - 117.8	235/55R19 - 115.8
Max Tire Size	245/45R20 - 117.8	245/45R20 - 117.8	245/45R20 - 117.8	235/55R19 - 115.8
Alt Tire 1				
Alt Tire 2				
Alt Tire 3				
Alt Tire 4				
Alt Tire 5				
Alt Tire 6				
Alt Tire 7				
DAW Full Tank	2506	2506	2506	2496
DAW Empty Tank	2506	2506	2506	2496



SECTION 14

Request for Certification

14.00.00.00



**Environmental & Safety Compliance
Ford Motor Company**

**Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053**

September 22, 2025

Ms. Hannah Frame
Certification Division
Office of Mobile Source Air Pollution Control
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Ms. Frame:

Ford Motor Company (Ford) herewith submits its Part I Application for Certification for 2026 model year battery electric-powered light-duty vehicles (LDVs) contained in Ford's 50 states test group TFMXV00.0G4A.

This test group complies with EPA final Tier 3 Bin 0 certification and in-use exhaust emissions standards. Evaporative emissions are not applicable to BEV programs.

Based on Ford Motor Company's good engineering judgment, all the vehicles described in this application are designed to comply with the applicable intermediate and full useful life standards.

This Part I application for certification has been prepared in accordance with the standardized format recommended by EPA via its mail out # CD-14-19 (LDV/LDT/ICI/LIMO), subject: "Certification Application Reporting Guidance", dated November 24, 2014. Therefore, in accordance with the provisions of 40 CFR 86.1844-01(d)(14) including the provisions of 40 CFR Parts 85, 86 and 600, Ford requests that a Certificate of Conformity be issued for the LDV test group listed in this Application for Certification.

Please contact Terry Cowher tcowher@ford.com or (313) 805-6360 if you have any questions regarding this submission.

Sincerely,

DocuSigned by:
Lawrence H. Merritt, Jr.
DF6ED4749EAC46B...

Lawrence H. Merritt, Jr.
Manager, Emissions Certification
Homologation, & Compliance



**Environmental & Safety Compliance
Ford Motor Company**

**Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W200
Allen Park, Michigan 48101- 2053**

September 22, 2025

Ms. Robin U. Lang, Chief
Emissions Compliance, Automotive Regulations and Science Division
Air Resources Board
4001 Iowa Ave.
Riverside, CA 92507

Dear Ms. Lang:

Ford Motor Company (Ford) herewith submits an Application for Certification for 2026 model year battery electric-powered passenger cars (PCs) contained in Ford's 50 states test group TFMXV00.0G4A.

This application aligns with CARB's Manufacturers Advisory Correspondence (MAC) ECCD-2025-8 alternate pathway (1) described on page 2 as follows:

(1) An approved application for CARB certification to the vehicle and engine emission regulations that immediately preceded those covered by the waivers that were targeted by the congressional resolutions.

Ford intends submittal of this certification to facilitate CARB's review in order to ensure timely certification of Ford's vehicles as may be needed in accordance with applicable requirements. Ford is reserving its rights with regard to determining what requirements apply and which requirements can be enforced by CARB.

This Test Group complies with CARB ZEV emissions standards. Evaporative emission is not applicable to BEV program.

Based on Ford Motor Company's good engineering judgment, all the vehicles described in this application are designed to comply with the applicable intermediate and full useful life standards.

This Part I application for certification has been prepared in accordance with the standardized format recommended by EPA via its mail out # CD-14-19 (LDV/LDT/ICI/LIMO), subject: "Certification Application Reporting Guidance", dated November 24, 2014. This Application has also been prepared in accordance with the California Air Resources Board, Final Regulation Order, Amendments to Sections 1960.1, 1960.5, 1961, and 1962 Title 13, California Code of Regulations (As Amended August 4, 2005). Therefore, in accordance with the provisions of 40 CFR 86.1844-01(d)(14) including the provisions of 40 CFR Parts 85, 86 and 600, Ford requests that an Executive Order be issued for the PC test group listed in this Application for Certification.

Please contact Terry Cowher tcowher@ford.com or (313) 805-6360, if you have any questions regarding this submission.

Sincerely,

DocuSigned by:

Lawrence H. Merritt, Jr.

Lawrence H. Merritt, Jr.
Manager, Emissions Certification
Homologation, & Compliance

CC R. Uyehara, M. Desai



SECTION 15

Other Information

15.00.00.00

306180

S A Fee Form



Terry Cowher 313-805-6360
TFMXV00.0G4A

Tracking Information
Pay.gov Tracking ID: 27P046DO

Agency Tracking ID: 77074701839

[Help and EPA instructions](#)

* Required Field

General Information

Date: 06/17/2025

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

FMX

Manufacturer Name *

Ford Motor Company

Contact Name *

Tina Oliver

Contact Email Address *

toliver@ford.com

Contact Phone *

313-323-8938

Calendar Year complete application submitted to EPA *

2025

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2025, through December 31, 2025. The applicable fee is determined by the

Application is received, not the model

year.

Engine Family / Evaporative Family / Test Group *

TFMXV00.0G4A

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

- On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (Federal) (A, B, D, J, T, V)
- On-Highway HDE Dyno Cert (Federal) (E, H)
- On-Highway LD ICI, MDPV ICI, HDV ICI (A, B, D, J, T, V)
- On-Highway Motorcycle (C)
- On-Highway HDV Evap (F)
- On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (California-Only) (A, B, D, J, T, V)
- On-Highway HDE Dyno Cert (California-Only) (E, H)
- Nonroad CI (L)
- Nonroad SI (B, S)
- Locomotive (G, K)
- All Nonroad Recreational, excluding Marine engines (X, Y)
- All Marine (Including IMO) (M, N, W)
- Component Certification for Evaporative Emissions (P)

IMO Name (Required for dual US/IMO Marine Only)

[Redacted]

ICI VIN Number (Required for ICIs Only)

[Redacted]

Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

\$32,939.00

Payment Type *

Offline ACH

Comments

EPA Form Number 3520-29

OMB Control No. 2060-0545

Approval expires 7/31/2027

The public reporting and recordkeeping burden for this collection of information is estimated to average 12 minutes per response. 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 in any correspondence. Do not send the completed forms to this address.



SECTION 16

Confidential Information




SECTION 17

California ARB Requirements

17.00.00.00

TFMXV00.0G4A ZEV Label Information

50 State VECI Label

FoMoCo	Ford Motor Company VEHICLE EMISSION CONTROL INFORMATION
Conforms to regulations: 2026 MY BEV	
U.S. EPA: T3B0 LDV	Fuel: Electric
California: ZEV PC	Fuel: Electric
No adjustments needed.	
Group: TFMXV00.0G4A	
▽ TW7E-9C485- L R G	
	

2026 MY MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Ford Motor Company

Test Group: TFMXV00.0G4A

Range Test Results								
		(check one)	(check one)			System	System	Vehicle
Vehicle ID	Trans	TW _____	DPA _____	Unadjusted Range	AC (Wh/mi)	DC (Wh/mi)	DC (Wh/mi)	
		ETW / GVWR <u>X</u> _____	RLHP _____					
			dyno coeff. <u>X</u>					
RGW1-0.0-J-900 (GT)	CVT	5250	F0 = 44.26	Ford UDDS Original Test	391.70	265.27	254.38	234.95
			F1 = 0.1991				240.56	
			F2 = 0.02358				229.24	
							233.83	
				Ford HWY Original Test	340.86	304.84	274.99	270.00
							265.01	
RGW1-0.0-J-900 (Rally)	CVT	5250	F0 = 45.12	Ford UDDS Original Test	378.36	274.17	264.11	289.98
			F1 = 0.2397				249.11	
			F2 = 0.02509				237.62	
							238.01	
				Ford HWY Original Test	320.77	323.39	289.12	281.07
							282.54	

Vehicle Models	Trans type	Calibration	ETW (lb)	Tires	TRLHP
Mustang Mach – E GT	CVT (single speed)	RCGWELNE00	5250	P245/45R20	15.1
Mustang Mach – E Rally	CVT (single speed)	RCGWELNE00	5250	P245/45R20	16.0

Credit Calculation

As per the California EPA ARB document: “California Exhaust Emissions Standards ... for 2018 and Subsequent Model Zero-Emission Vehicles...”, which was adopted in California on Mar 22, 2012, the 2026 model year Mustang Mach-E GT & Mustang Mach-E Rally will receive 4.00 ZEV Credits for each vehicle sold, according to the following formula:

ZEV Credit =

$$GT = (0.01) * (UDDS \text{ Range}) + 0.50 = (0.01) * (391) + 0.50 = 4.00 \text{ Credits.}$$

$$Rally = (0.01) * (UDDS \text{ Range}) + 0.50 = (0.01) * (378) + 0.50 = 4.00 \text{ Credits.}$$

Test Group: TFMXV00.0G4A

17.00.04.00

Issued: 09/15/2025

Revised:



SECTION 18

Revisions

18.00.00.00

APPLICATION REVISIONS

TFMXV00.0G4A

<u>NO.</u>	<u>DATE</u>	<u>PAGE(S)</u>	<u>DESCRIPTION</u>
------------	-------------	----------------	--------------------

Application for Certification

Part 2