

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

CARB USE ONLY

Invoice Name	MSF250776
Invoice Date	Feb 04, 2026

COMPANY INFORMATION

Company Name	Ford Motor Company
Address	1 American Road
City	Dearborn
State	Michigan
Zip	48126-2798
Country	United States
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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	CBI_VFMXD07.363H_APPIPT	Model Year 2027	VFMXD07.363H	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
2	CBI_VFMXD07.373K_APPIPT	Model Year 2027	VFMXD07.373K	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
3	CBI_VFMXD06.761B_APPIPT	Model Year 2027	VFMXD06.761B	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
4	CBI_VFMXD06.771D_APPIPT	Model Year 2027	VFMXD06.771D	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
5	CBI_FORD_2027_CIHD Application_HD/MD_Exhaust_	Model Year 2027	VFMXE07.3BW7	HDO engine family and MDO engine family	Base	\$ 45,911.00
6	CBI_FORD_2027_CIHD Application_HD/MD_Exhaust_	Model Year 2027	VFMXE07.3BWU	HDO engine family and MDO engine family	Base	\$ 45,911.00
7	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat & CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0210GDJ	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00
8	CBI_FORD_2027_CIHD Application_HD/MD_Evaporat	Model Year 2027	VFMXF0250NDJ	Heavy-duty vehicle evaporative emissions family and Incomplete MDV evaporative emissions family	Base	\$ 16,155.00



FORD MOTOR COMPANY

APPLICATION FOR CERTIFICATION – PART 1

2027 Model Year

Test Group: VFMXD00.00MW
Durability Group: VFMXEEVNNG1D
Evap. Family: N/A

Test Group Description: $\leq 10k$ GVWR

Durability Group Description: Battery Electric

Application Standards: Federal: Tier 3 Bin 0
California: ZEV

Car Lines Covered T350 Chassis Cab 2WD BEV
T350 Cutaway 2WD BEV
T350 Van 2WD BEV

Vehicle Tested:

Range Test Vehicle PTH1-0.0-648 Config. 00	
Charge Depleting UDDS TN:	2612919
Charge Depleting Highway TN:	2612919

Application Release Date: September 21, 2026

For Questions, Contact:
Suvarna Gadam, sgadam1@ford.com (313-3330873)



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3. Facilities, Equipment and Test Procedures

The facilities and equipment comply with the related regulations, including 40 CFR Subpart B, §86.108-00(b)(2) [Oct. 22, 1996]

Equipment:	48 inch, single roll electric dynamometer
Regenerative Braking:	Enabled
Vehicle & Battery break in Period:	2600 mile accumulated on this vehicle / battery before test.
Range Test Procedure:	Tested according to "California Exhaust Emission Standards and Test Procedures for 2009 and Subsequent Model Zero-Emission Vehicles, and 2001 and Subsequent Model Hybrid Electric Vehicles, in the Passenger Car, Light Duty Truck and Medium-Duty Vehicle Classes", which was adopted on December 17, 2008.
Test Procedure Used:	Tested using the Multi Cycle Test (MCT) sequence as stated in SAE International's " <i>Surface Vehicle Recommended Practice</i> " J1634 Oct. 2012.

3.1 Procedure to Determine Mass Emissions of Fuel Fired Heater

Not applicable since Fuel Fired Heater not offered for this vehicle by Ford.

3.2 Battery and Vehicle Pre-Conditioning Procedures

The HV battery and vehicle does not require any pre-conditioning to enable the vehicle system. However, Ford decided to have the test vehicle accumulated 2600 miles on dyno prior to testing.

4 Reserved

6 Maintenance

6.1 Test Vehicle Scheduled Maintenance

Not applicable (same as “Recommended Customer Maintenance Schedule” found in next section).

6.2 Recommended Customer Maintenance Schedule

Ford’s recommended maintenance schedule can be found in the owners guide.

7 Labels

7.1 Label Locations and Labels

The Vehicle Emissions Control Information label (VECI) is located on the underside of the hood. See attachment for this vehicle's VECI label.

The Fuel Economy Label is installed on the passenger side front door. The Monroney Label now includes the EPA/DOT Fuel Economy and Environment Section (GHG, Smog Rating) based on the template published by EPA in May 2011. See attachment for label template to be used for this vehicle (The real FE label for this vehicle is not available at this time). The California Environmental Performance Label will be included on the vehicle. Please see section 17.2.3 for values.

7.2 Statement of Compliance

This vehicle conforms to US EPA Tier 3 Bin 0 vehicle regulations applicable to 2018 model year new motor vehicles and to California regulations applicable to 2018 model year new ZEV light-duty vehicles.

VFMXD00.00MW

50 State VECI LABELS

Ford Battery Electric Vehicle

FoMoCo	Ford Motor Company VEHICLE EMISSION CONTROL INFORMATION
Conforms to regulations: 2027 MY BEV Incomplete Weight limits refer to Emission Certification only. DO NOT EXCEED VEHICLE GVWR (See Incomplete Vehicle Manual).	
U.S. EPA: T3B0 HDV	Fuel: Electric
California: ZEV MDV	Fuel: Electric
Completed Vehicle Maximums: GVWR: 9500 # max. CurbW: 9000 # max. Frontal Area: 63 ft² max.	
No adjustments needed.	
▽VW7E-9C485- M D J	 Group: VFMXD00.00MW

FoMoCo	Ford Motor Company VEHICLE EMISSION CONTROL INFORMATION
Conforms to regulations: 2027 MY BEV	
U.S. EPA: T3B0 HDV	Fuel: Electric
California: ZEV MDV	Fuel: Electric
No adjustments needed.	
Group: VFMXD00.00MW	
▽VW7E-9C485- M P X	

Test Group: VFMXD00.00MW
Issued: 03/20/2026
Revised:

17.00.03.00 – 1

VIEW EPL DATA

Program Model
Year 2027
PTVL TTH

VFMXD0
Group Name 0.00MW

Model Year	Manufacturer	Make	Model Name	Test Group Name	Label Group	California Emission Standard	Smog Rating	Fuel Type	Zero Emission Vehicles? (Yes/No)	Flexible-Fuel and Dual-Fuel Vehicles (Yes/No)	CO2 City (FTP)	CO2 Highway (HFET)	Combined CO2 Emission	CO2 City Value based on AD CO2 (Yes/No)? If yes, what is derived CO2 value?	CO2 Highway Value based on AD CO2 (Yes/No)? If yes, what is derived CO2 value?	Combined CO2 based on AD CO2 (Yes/No)? If yes, what is the derived combined CO2 value?	GHG Rating	PTVL
2027	Ford	Ford	eTransit	VFMXD0 0.00MW		ZEV	A+	Electricity	Yes	No	0	0	0	No	No	No	A+	TTH

Environmental Performance

These ratings are not directly comparable to the U.S. EPA/DOT light-duty vehicle label ratings.
For information on how to compare, please see www.arb.ca.gov/ep_label.

Protect the environment. Choose vehicles with **higher ratings**:

Greenhouse Gas Rating (tailpipe only)



Smog Rating (tailpipe only)



Does not include emissions from producing electricity.

Vehicle emissions are a primary contributor to climate change and smog. Ratings are determined by the California Air Resources Board based on this vehicle's measured emissions.

8 General Technical Description

8.1 Description of Propulsion System

The propulsion system consists of an electric motor, motor controller, gearbox and the battery pack.

8.2 Description of Motor

Motor Type: AC permanent magnet synchronous machine

Electric Engine Power (peak) [kW/hp]: 198kW/266HP

8.3 Description of Battery

Battery Type: Lithium Ion

Battery Capacity [Ah]: 317.6

Maximum Battery Voltage [V]: 403

Battery Weight [kg]: 597 (Without Coolant), 599.2 (With Coolant)

Battery Specific Energy [Whr/kg, using C3 procedure]: 111390Wh / 597 kg = (186.6 Whr/kg)

Test Run Date	Discharge rate	Capacity (Ah)	Energy(Whr)
01/11/2024	C/3	317.551	111371
01/12/2024	C/3	317.593	111398
01/13/2024	C/3	317.573	111401

8.3.1 Battery Charging Capacity

Time for full re-charge:

Level 1 (120V/12A) = Not Completed for 4P

Level 2 (240/80A) = 6.2 hrs

8.3.2 Self Discharge Information

Expected maximum: <1 % per month

8.3.3 Description of Thermal Management System

The thermal management system for the battery is a liquid cooled system, in which coolant is circulated through a chiller and the battery using a pump in order to cool the battery as it rises in temperature. The chiller is a refrigerant to coolant heat exchanger. While on plug in colder temperatures, an inline heater is used in the coolant system to heat the battery coolant which in turn heats the battery system for improved battery performance in cold weather.

8.3.4 Description of End of Life

The battery is designed to last 8 years, 100K miles (length of warranty provided but is not described as the End of Life)

8.3.5 Description of Battery Disposal Plan

Ford is a member of the End of Life Vehicle Solutions Corporation (ELVS), which was created by the automotive industry to promote the industry's environmental efforts in recyclability, education, outreach, and the proper management of substances of concern. ELVS has implemented a call center to provide guidance on the safe removal, transport and recycling of the batteries to dismantlers. ELVS is in the process of investigating a recovery and recycling process in which the dismantler would remove the battery from the vehicle, identify the battery type, and ship the battery to a battery recycling facility.

8.4 Description of Controller/Inverter

The propulsion system consists of an electric motor, motor controller, gearbox and the battery pack.

8.5 Description of Transmission

The transmission is a single ratio gearbox with an overall ratio of 9.05:1. The transmission gears are in constant engagement with no clutches. There is no shift indicator light since there is no shifting of gears. The overall ratio is 109 rev per mile.

8.6 Description of Climate Control System

A/C Compressor: Max working capacity 5 kW.

Heater: Max working capacity in 5 kW.

8.7 Description of Regenerative Braking System

8.7.1 Control Logic

The vehicle is equipped with a regenerative braking system in which the regenerative braking energy is captured and stored back into the battery pack when decelerating. This regenerative braking system is enabled only when the vehicle is in motion when lifting off the accelerator pedal or pressing the brake pedal while the accelerator pedal is not pressed.

8.8 Description of Charger

The charger is capable of charging at 3 different rate:

- Level 1: 120V/12A Not Completed for 4P
- Level 2: 240V/80A approximately 6.2 hrs for a full re-charge
- Level 3: Up to 180kW DC Fast Charging

8.8.1 Power Recharging Procedures

- A. Power down the vehicle and put it in park (P). Press the indentation located on the charge port door and the door will rotate open.
- B. Plug the charger into the charge port and ensure that the teeth on the end of the charger plug have completely engaged. Verify that the cord acknowledgement feature activates, which indicates the beginning of a normal charge cycle.
- C. Follow the charging station instruction to begin charging process. Allow 3-4 hours to completely charge the high voltage battery using 240V charging station. Using the standard 120V convenience cord will result in longer charging time.
- D. When the charging indication light shows charging complete, turn off the charging station and remove the charging plug.

Please refer to owner's guide for additional instructions.

8.8.2 Power Requirements Necessary to Recharge Vehicle

- Level 1: 120V/12A
- Level 2: 240V/32A

8.9 Accessories Which Draw Energy from the Battery

The electric air conditioning system as well as the electric heater used for the passenger compartment heater both draw energy from the battery, however they can only draw energy from the battery when the vehicle is operating. In addition to passenger compartment heating/cooling, a liquid thermal management system draws energy to thermally condition the battery while the vehicle is operating or on-plug (while on-plug this system utilizes facility power instead of drawing energy from the battery). All other 12V systems (lights, radio, wipers etc.) also draw energy from the battery when the vehicle is on and in those cases, the higher voltage from the battery is converted via the onboard DCDC converter to approximately 14VDC in order provide the energy for those systems to operate.

8.10 Other Unique Features

There are no other unique features.

8.11 Description of Warning Systems for Maintenance/Malfunction

There are warning lights on the instrument cluster to inform the driver of any malfunctions. A

trained service person can connect Ford's diagnostic tool to diagnose any malfunctions.

There are separate warning lights for the following:

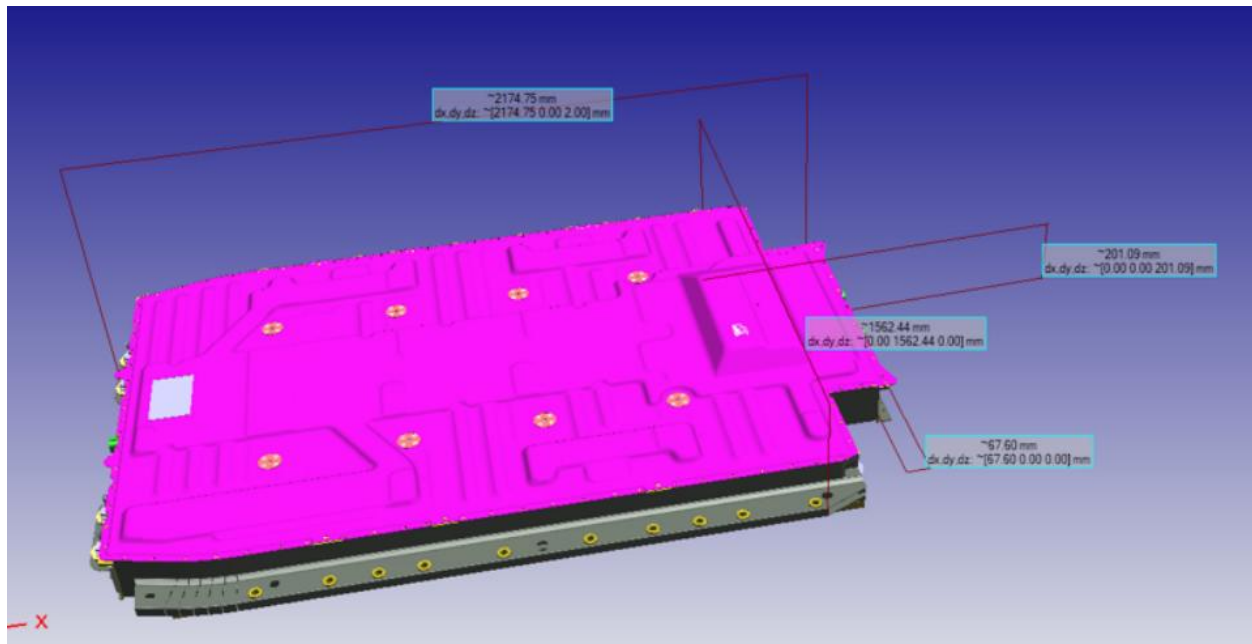
- A. Powertrain Malfunction/Reduced Power
 - a. Wrench stating "Service Soon"
 - b. Red Triangle stating "Stop Safely Now"
- B. Motor Coolant Overheat
- C. Anti-Lock Brake System
- D. Stability Control System
- E. High Voltage Battery Low or Depleted
- F. Low Tire Pressure Warning

Detailed descriptions of the warning lights can be found in the owners guide.

8.11.1 Cut-off Terminal Voltages for Prevention of Battery Damage

Contactors opens when voltage is below 192V or above 413V.

Battery Dimensions: L=2242.25 mm, W=1562.44 mm, D=201.09 mm; Vol = 704.5 Liters



11 Starting and Shifting Schedules

11.1 Starting Procedure

Please refer to Owner's Guide for starting procedure.

11.2 Shifting Schedule

This vehicle uses an automatic shifter as in a conventional automatic transmission vehicle (move lever to "D" for Drive or "R" for Reverse) and since the vehicle uses a single ratio gearbox, there is no shift schedule.

12 Description of Vehicles Covered by Certificate

12.1 Calibration Parts List

Cert. Level	Calibrations	Certification Code	PCM -12A650-	HPCM -7P120-	BECM -10B687-	BCCM -10B689-	ABS -2C219-	Date
Initial Application	VTTHC1NB05	VTTHC1NA0002	PVK48-AA	PVK48-AB	R2F8-BE	PTK38-AB	SK41-AD	03/19/2026
Initial Application	VTTHC1NB05	VTTHC1NB0002	PVK48-AA	PVK48-AB	R2F8-BE	PPK38-FB	SK41-AD	03/19/2026
Initial Application	VTTHC1NB05	VTTHC1NC0002	PVK48-AA	PVK48-AB	R2F8-BE	PTK38-AB	SK41-AD	03/19/2026
Initial Application	VTTHC1NB05	VTTHC1ND0002	PVK48-AA	PVK48-AB	R2F8-BE	PPK38-FB	SK41-AD	03/19/2026
Initial Application	VTTHC1ND05	VTTHC1NE0002	PVK48-BA	PVK48-BA	R2F8-BE	PTK38-AB	SK41-AD	03/19/2026
Initial Application	VTTHC1ND05	VTTHC1NF0002	PVK48-BA	PVK48-BA	R2F8-BE	PPK38-FB	SK41-AD	03/19/2026

HV Battery Assembly: OBG (On Board Generator Inverter) SK48-10B759-FE

Non-OBG SK48-10B759-FE

PDU (Primary Drive Unit): NK4P-7P500-DD

Note:

12.2 Vehicle Description Report

See page attached.

Vehicle Description Report

Test Group: VFMXD00.00MW

ID Number	5304252	5304260	5304266	5304278	5304251	5304259	5304267	5304274
Displacement	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cert Code	VTTHC1NA0000	VTTHC1NB0000	VTTHC1NC0000	VTTHC1ND0000	VTTHC1NA0000	VTTHC1NB0000	VTTHC1NC0000	VTTHC1ND0000
Fuel Tank(s)								
Carline	TRANSIT T350 CHASSIS CAB 2WD BEV	TRANSIT T350 CHASSIS CAB 2WD BEV	TRANSIT T350 CHASSIS CAB 2WD BEV	TRANSIT T350 CHASSIS CAB 2WD BEV	TRANSIT T350 CUTAWAY 2WD BEV	TRANSIT T350 CUTAWAY 2WD BEV	TRANSIT T350 CUTAWAY 2WD BEV	TRANSIT T350 CUTAWAY 2WD BEV
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Cutaway	Cutaway	Cutaway	Cutaway
Wheelbase	178.0	178.0	156.0	156.0	178.0	178.0	156.0	156.0
Transcode Combo	WA	WA	WA	WA	WA	WA	WA	WA
Curb Weight	5487	5487	5313	5313	5449	5449	5311	5311
ETW	9000	9000	8500	8500	9000	9000	8500	8500
Loaded Weight LVW	8862	8862	8688	8688	8862	8862	8686	8686
ALVW-ETW	9000	9000	9000	9000	9000	9000	9000	9000
Adj. Loaded Weight	9031	9031	8944	8944	9031	9031	8943	8943
GVWR	9500	9500	9500	9500	9500	9500	9500	9500
GCWR	9500	9500	9500	9500	9500	9500	9500	9500
Min Axle Ratio	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Max Axle Ratio	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Min N/V Ratio	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0
Max N/V Ratio	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0
Emission Vehicle Class	HDV1	HDV1	HDV1	HDV1	HDV1	HDV1	HDV1	HDV1
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear
Trans Type	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119
Max Tire Size	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	2251	2251	2264	2264	2237	2237	2263	2263
DAW Empty Tank	2251	2251	2264	2264	2237	2237	2263	2263

Vehicle Description Report

Test Group: VFMXD00.00MW

ID Number	5304285	5304282	5304287	5304283	5304293	5304292	5304290	5304294
Displacement	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cert Code	VTTHC1NE0000	VTTHC1NE0000	VTTHC1NE0000	VTTHC1NE0000	VTTHC1NF0000	VTTHC1NF0000	VTTHC1NF0000	VTTHC1NF0000
Fuel Tank(s)								
Carline	TRANSIT T350 VAN 2WD BEV	TRANSIT T350 VAN 2WD BEV	TRANSIT T350 VAN 2WD BEV	TRANSIT T350 VAN 2WD BEV	TRANSIT T350 VAN 2WD BEV	TRANSIT T350 VAN 2WD BEV	TRANSIT T350 VAN 2WD BEV	TRANSIT T350 VAN 2WD BEV
Wheel Configuration	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS	SINGLE REAR WHEELS
Body Style	Reg Van HR	Reg Van HR	Reg Van LR	Reg Van MR	Reg Van HR	Reg Van HR	Reg Van LR	Reg Van MR
Wheelbase	148.0	148.0	148.0	148.0	148.0	148.0	148.0	148.0
Transcode Combo	WA	WA	WA	WA	WA	WA	WA	WA
Curb Weight	6424	6627	6181	6329	6424	6627	6181	6329
ETW	6500	7000	6500	6500	6500	7000	6500	6500
Loaded Weight LVW	6724	6927	6481	6629	6724	6927	6481	6629
ALVW-ETW	8000	8000	8000	8000	8000	8000	8000	8000
Adj. Loaded Weight	7962	8064	7841	7915	7962	8064	7841	7915
GVWR	9500	9500	9500	9500	9500	9500	9500	9500
GCWR	9500	9500	9500	9500	9500	9500	9500	9500
Min Axle Ratio	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Max Axle Ratio	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Min N/V Ratio	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0
Max N/V Ratio	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0
Emission Vehicle Class	HDV1	HDV1	HDV1	HDV1	HDV1	HDV1	HDV1	HDV1
Drive Code	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear	2-Wheel Drive, Rear
Trans Type	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119
Max Tire Size	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119	235/65R16 - 119
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								
DAW Full Tank	3268	3608	3063	3176	3268	3608	3063	3176
DAW Empty Tank	3268	3608	3063	3176	3268	3608	3063	3176

14 Request for Certificate



**Vehicle Homologation and Compliance
Environmental and Safety Compliance
Ford Motor Company**

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

April 24, 2026

Ms. Hannah Frame
Certification Division
Mobile Source Pollution Control
U. S. 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 2027 model year battery electric-powered heavy-duty vehicles (HDVs) contained in Ford's 50 states test group VFMXD00.00MW.

This Test Group complies with EPA final Tier 3 Bin 0 certification and in-use exhaust emission 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 Suvarna Gadam at 313-333-0873 or sgadam1@ford.com, 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



**Vehicle Homologation and Compliance
Environmental and Safety Compliance
Ford Motor Company**

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

April 24, 2026

Ms. Robin U. Lang, Chief
Emissions Certification and Compliance Division (ECCD)
California Air Resources Board
4001 Iowa Ave
Riverside, California 92507

Dear Ms. Lang:

Ford Motor Company (Ford) herewith submits an Application for Certification for 2027 model year battery electric-powered heavy-duty vehicles (HDVs) contained in Ford's 50 states test group VFMXD00.00MW.

This Test Group complies with CARB ZEV emissions standards. Evaporative emissions are not applicable to BEV programs. 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.

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 HDV test group listed in this Application for Certification.

Additionally, Ford Motor Company is requesting the Air Resources Board approve the following Zero-Emission Application for VFMXD00.00MW. By signing this letter, Ford Motor Company is certifying that this model year's application package is intended to certify a mobile source technology that inherently produces zero exhaust emissions of any criteria pollutant (or precursor pollutant) or greenhouse gas, excluding emissions from air conditioning systems, under any possible operational modes or conditions.

Additionally, Ford Motor Company is requesting the Air Resources Board approve the following Partial Carryover Application for VFMXD00.00MW based on Partial Carryover data from TFMXD00.00MW and

Executive Order number A-010-2616. By signing this letter, Ford Motor Company is certifying that this model year's application package:

1. Includes no change of the emission standards/FELs, regulation requirements, emission characteristics of the engine, or test procedures requirements.
2. The 2027 application package differs from the 2026 application package only by:

- ☒ Model year
- ☒ Test Group/Engine/Vehicle/Evaporative family name (typically the first character)
- ☐ Manufacturer contact information
- ☒ Projected sales data
- ☐ Model information (may only add models if the certification emission levels are not changed)
- ☒ Part numbers (durable to full useful life and no impact on certification emission levels)
- ☐ Equipment types (i.e. crane, dozer, generator, etc.)

3. All other information in the 2027 application package is identical to the 2026 application package (incorporates all approved running changes to date).
4. The application package is complete and submitted to e-files using the correct workflow process and naming conventions.

Please contact Suvarna Gadam at 313-333-0873 or sgadam1@ford.com, 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

cc R. Uyehara

15 Other Information

15.1 Fee Filing Form



SAP Manual Payment Request

(North America)

REF NO: 306187

NAME AND ADDRESS OF PAYEE Environmental Protection Agency-MVECP U.S. Bank - Government Lockbox 979032 1300 Pennsylvania Ave NW - Washington DC 20004-3002 The requestor is responsible to ensure the supplier code has correct company name, remit to and/or banking information whether the payment is going by check or electronically/ACH. REASON FOR DISBURSEMENT	Employee	Ex-Employee / Board of Director	Company Code	Separate Check	Special Handling/ Instruction Key in S4
				Y	
	Supplier Code		Due Date / Baseline Date	Currency	Amount
	GXHSA		ASAP	USD	226,219.00

CERTIFICATION FEES - EPA STANDARD ENGINE FAMILY, EXHAUST EMISSION CONTROL SYSTEM[illegible]

COMMENTS (Shown on Remittance Advice/Not to include PII)

2026 MODEL YEAR CERTIFICATION FEES - (FORMS ATTACHED)

GL Account	Profit Center	Cost Center	Internal Order	Reference Key1	Reference Key2	INVOICE #	INVOICE DATE	AMOUNT (Bracket Credits)	1099 Tax Type
63044030	2000005001	1000018234				306187	3/6/2026	226,219.00	N
								-	
							TOTAL	226,219.00	

Pre-requisites for Payment :

1.

Requestors or Approvers to ensure the following

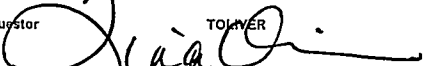
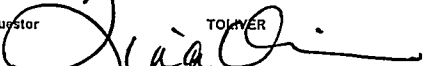
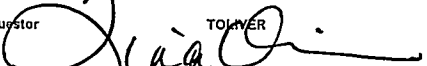
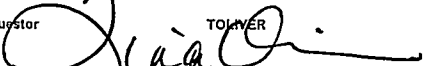
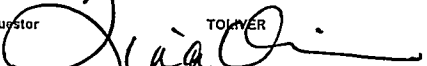
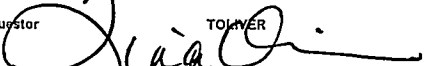
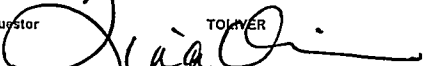
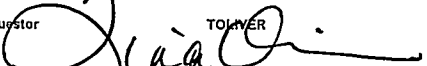
- **Receipt of Service**
- **Price Validation**
- **Supported by invoice or other documentation**

2.

Uses of Manual Payment Requests

3.

Corporate Approval Authorities - Method of Payment

TYPE OF INVOICE:		MANUAL PAYMENT REQUEST - PERMISSIBLE USES (use drop down with Alt+down arrow key):		Uses of Manual Payment Requests		Not in Uses of Manual Payment Request	
Requestor				Operations Approval - Receipt of Service			
CDS ID		Date		CDS ID		Date	
Preparer/Requestor		3/6/2026		Operations Approval		LMERRITT	
							
Approvals per Corporate Approval Authorities - Method of Payment				Approvals per Corporate Approval Authorities - Method of Payment			
Payment Item Is on Uses of Manual Payment Requests				Payment Item Is NOT on Uses of Manual Payment Requests			
CDS ID		Date		CDS ID		Date	
MBEDOLLA		3/6/2026		Finance LL5+ Unlimited		3/6/2026	
							

It is important to protect personal data when retaining and forwarding this Payment Authorization Form and attachments, if any.
Every effort must be made to prevent exposure.

The space below may be used for additional local requirements

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 03/02/2026

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 *

2026

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2026, through December 31, 2026. The applicable fee is determined by the

Calendar year in which the complete certification application is received, not the model year.

Engine Family / Evaporative Family / Test Group *

VFMXD00.00MW

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)

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

\$32,317.00

Payment Type *

Offline ACH

Comments

sgadam1@ford.com Pay.gov Tracking ID:2803P7CL Agency Tracking ID: 77313419603

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.

The content of this document may contain Sensitive But Unclassified (SBU) data and/or Controlled Unclassified Information (CUI).

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 03/02/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

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Manufacturer Name *

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Contact Name *

Tina Oliver

Contact Email Address *

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Contact Phone *

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VFMXD00.00MW

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- ☐ 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)

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

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Payment Information

Amount Owed

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The content of this document may contain Sensitive But Unclassified (SBU) data and/or Controlled Unclassified Information (CUI).

16 Test Results

16.1 EPA Certification Summary Information Report (CSI)

Certification Summary Information Report

Manufacturer	Ford Motor Company	Manufacturer Code	FMX
Test Group	VFMXD00.00MW	Evaporative/Refueling Family	--
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	04/13/2026 09:32:29 AM
Model Year	2027		

Test Group Information

CSI Type	New	Running Change Reference Number	--
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	No

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	Yes
Fuel Cell Indicator	No	EPA Vehicle Class	HDV1
Federal Clean Fuel Vehicle	No	Federal Clean Fuel Vehicle Standard	--
Federal Clean Fuel Vehicle ILEV	--	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	VFMXEEVNNG1D	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	Yes		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	--
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VFMXD00.00MW
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	This BEV program does not have OBD compliance requirements. Items filled in for the purpose of passing system validation because they are required fields.		
Mfr Test Group Comments	2027MY eTransit BEV RWD		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group		VFMXD00.00MW		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	428 - TRANSIT T350 CHASSIS CAB 2WD BEV	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No			
Ford Motor Company	1 - Ford	427 - TRANSIT T350 CUTAWAY 2WD BEV	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No			
Ford Motor Company	1 - Ford	429 - TRANSIT T350 VAN 2WD BEV	Federal	2-Wheel Drive, Rear	Automatic	1	No			
Ford Motor Company	1 - Ford	429 - TRANSIT T350 VAN 2WD BEV	California + CAA Section 177 states	2-Wheel Drive, Rear	Automatic	1	No			
Ford Motor Company	1 - Ford	427 - TRANSIT T350 CUTAWAY 2WD BEV	Federal	2-Wheel Drive, Rear	Automatic	1	No			
Ford Motor Company	1 - Ford	428 - TRANSIT T350 CHASSIS CAB 2WD BEV	Federal	2-Wheel Drive, Rear	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	--	--	--	--	--	--	--	--	--	--

Certification Summary Information Report

Test Group	VFMXD00.00MW	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	403	Battery Energy Capacity	318
Battery Specific Energy	186.6	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)	1		
Motor/Generator Type 1	AC permanent magnet synchronou	Rated Motor/Generator Power	198
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 Motor is an AC permanent magnet synchronous machine.		

Certification Summary Information Report

Test Group		VFMXD00.00MW			Evaporative/Refueling Family			--	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		HDV1 (Federal HD chassis Class 2b GVW 8501-10000)			Standard Level			Federal Tier 3 Bin 0	
Fuel		Electricity			Test Procedure			Charge Depleting UDDS	
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	CO2	--	--	--	--	--	--	0	0
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		HDV1 (Federal HD chassis Class 2b GVW 8501-10000)			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
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
Vehicle Class		MDV6 (Cal. LEV 2/3/4 MDV GVW 8501-10000)			Standard Level			California ZEV	
Fuel		Electricity			Test Procedure			Charge Depleting UDDS	
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	CO2	--	--	--	--	--	--	0	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Both	
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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		VFMXD00.00MW	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		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
CO	Carbon Monoxide		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
CO2	Carbon dioxide		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
CREE	Carbon-Related Exhaust Emissions		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
NOX	Nitrogen Oxide		LEAK-DIA	Effective Leak Diameter (inches)	
PM	Particulate Matter		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
PM-COMP	SFTP Composite Particulate Matter		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
HC-NM	Non-methane Hydrocarbon		KW-HRS	Integrated DC KW-HRS	
OMHCE	Organic material Hydrocarbon Equivalent		CH4 BAG 1	Bag 1 Methane	
OMNMHCE	Organic material non-methane HC equivalent		CH4 BAG 2	Bag 2 Methane	
NMOG	Non-methane organic gases		CH4 BAG 3	Bag 3 Methane	
HCHO	Formaldehyde		CH4 BAG 4	Bag 4 Methane	
H3C2HO	Acetaldehyde		CO BAG 1	Bag 1 Carbon Monoxide	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		CO BAG 2	Bag 2 Carbon Monoxide	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		CO BAG 3	Bag 3 Carbon Monoxide	
CO-COMP	SFTP Composite Carbon Monoxide		CO BAG 4	Bag 4 Carbon Monoxide	
ETHANOL	C2H5OH - Ethanol		NMOG BAG 1	Bag 1 Non-methane organic gases	
FE BAG 1	Bag 1 Fuel Economy		NMOG BAG 2	Bag 2 Non-methane organic gases	
FE BAG 2	Bag 2 Fuel Economy		NMOG BAG 3	Bag 3 Non-methane organic gases	
FE BAG 3	Bag 3 Fuel Economy		NMOG BAG 4	Bag 4 Non-methane organic gases	
FE BAG 4	Bag 4 Fuel Economy		ACT-DISTANCE BAG 1	Bag 1 Actual Distance	
MFR FE	Manufacturer Fuel Economy		ACT-DISTANCE BAG 2	Bag 2 Actual Distance	
HC	Hydrocarbon for Running Loss and ORVR		ACT-DISTANCE BAG 3	Bag 3 Actual Distance	
METHANE	CH4 - Methane		ACT-DISTANCE BAG 4	Bag 4 Actual Distance	
METHANOL	CH3OH - Methanol		HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon	
N2O	Nitrous Oxide		HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon	
SPITBACK	Spitback Hydrocarbon in grams		HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon	
AMP-HRS	Integrated Amp-hours		HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon	
START-SOC	System Start State of Charge Watt-hours		WATT-HRS BAG 1	Bag 1 Watt Hours	
END-SOC	System End State of Charge Watt-hours		WATT-HRS BAG 2	Bag 2 Watt Hours	

Certification Summary Information Report

Test Group		VFMXD00.00MW	Evaporative/Refueling Family		--
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group		VFMXD00.00MW	Evaporative/Refueling Family		--
L2ULEV340	California LEV-II ULEV340		L4SULEV85	California LEV-IV SULEV85	
L2LEV630	California LEV-II LEV630		L4ULEV125	California LEV-IV ULEV125	
L2ULEV570	California LEV-II ULEV570		L4ULEV200	California LEV-IV ULEV200	
L3LEV160	California LEV-III LEV160		L4ULEV250	California LEV-IV ULEV250	
L3ULEV125	California LEV-III ULEV125		L4ULEV270	California LEV-IV ULEV270	
L3ULEV70	California LEV-III ULEV70		L4ULEV40	California LEV-IV ULEV40	
L3ULEV50	California LEV-III ULEV50		L4ULEV400	California LEV-IV ULEV400	
L3SULEV30	California LEV-III SULEV30		L4ULEV50	California LEV-IV ULEV50	
L3SULEV20	California LEV-III SULEV20		L4ULEV60	California LEV-IV ULEV60	
L3LEV395	California LEV-III LEV395		L4ULEV70	California LEV-IV ULEV70	
L3ULEV340	California LEV-III ULEV340		T4B170	Federal Tier 4 MDV Bin 170	
L3ULEV250	California LEV-III ULEV250		T4B150	Federal Tier 4 MDV Bin 150	
L3ULEV200	California LEV-III ULEV200		T4B125	Federal Tier 4 MDV Bin 125	
L3SULEV170	California LEV-III SULEV170		T4B100	Federal Tier 4 MDV Bin 100	
L3SULEV150	California LEV-III SULEV150		T4B85	Federal Tier 4 MDV Bin 85	
L3LEV630	California LEV-III LEV630		T4B75	Federal Tier 4 MDV Bin 75	
L3ULEV570	California LEV-III ULEV570		T4B70	Federal Tier 4 Bin 70	
L3ULEV400	California LEV-III ULEV400		T4B65	Federal Tier 4 Bin 65	
L3ULEV270	California LEV-III ULEV270		T4B60	Federal Tier 4 Bin 60	
L3SULEV230	California LEV-III SULEV230		T4B55	Federal Tier 4 Bin 55	
L3SULEV200	California LEV-III SULEV200		T4B50	Federal Tier 4 Bin 50	
T3B160	Federal Tier 3 Bin 160		T4B45	Federal Tier 4 Bin 45	
T3B125	Federal Tier 3 Bin 125		T4B40	Federal Tier 4 Bin 40	
T3B110	Federal Tier 3 Transitional Bin 110		T4B35	Federal Tier 4 Bin 35	
T3B85	Federal Tier 3 Transitional Bin 85		T4B30	Federal Tier 4 Bin 30	
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover		T4B25	Federal Tier 4 Bin 25	
T3B70	Federal Tier 3 Bin 70		T4B20	Federal Tier 4 Bin 20	
T3B50	Federal Tier 3 Bin 50		T4B15	Federal Tier 4 Bin 15	
T3B30	Federal Tier 3 Bin 30		T4B10	Federal Tier 4 Bin 10	
T3B20	Federal Tier 3 Bin 20		T4B5	Federal Tier 4 Bin 5	
T3B0	Federal Tier 3 Bin 0		T4B0	Federal Tier 4 Bin 0	
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395				
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		

Certification Summary Information Report

Test Group		VFMXD00.00MW	Evaporative/Refueling Family		--
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	

Test = CERT_NA_MCT
Test File = CERT_NA_MCT

Options = Charge Sustaining Hioki Hioki(Amps/Volts) Sec ShowTol RearAxle BEV NoExh

Test Init Start = 08 February 2024 08:01:54 Test Start = 08 February 2024 08:26:40
Posttest Completed At = 08 February 2024 11:48:55 Test Finish = 08 February 2024 11:48:22

Personnel Information::
Driver = JLAGINE3/JADAM12 Operator = JADAM12/JLAGINE3
Requestor = sgadam1 Supervisor = DBELKEN

Vehicle Information:
VIN = PTH1-0.0-648 Cert Tracking ID =
Vehicle Model = TRANSIT Model Year = 2024
Engine Family = Eng. Disp. = 0.0L
Ignition Status = Transmission = Auto
Automatic = 1 Sample Delay = unused
Test Begin Odometer = 5828.4 Test end Odometer = 5936.2
Tire Pressure Front = 52.00 (psi) Tire Pressure Rear = 80.00 (psi)
Fan Selection = RSM

Vehicle Conditions:
Ambient Limit Type = AMBIENT

Test Specifications:
T0-Number = OPD1U CVS BulkStream Flow : = 4) 350 scfm
TestNet Number = WEWR3A Exhaust Flow Path = No Exhaust
Electric Mode Determination= None MCT-Number = WEWR3B
Lab Avg Bg Filter Weight DB=

Dynamometer:
Dynamometer ID = Dynamometer Cycle Validation=
Dynamometer Power Absorption= Inertia = 9000 (lb)
Road Load A = 2.96 (lbf) Road Load B = 0.3285 (lbf/mph)
Road Load C = 0.08872 (lbf/mph2)
Track Inertia = 9135 (lb) Track F0 Coefficient = 67.51 (lbf)
Track F1 Coefficient = 0.5869 (lbf/mph) Track F2 Coefficient = 0.08963 (lbf/mph2)
Dyno 2WD/4WD Mode = 4WD

Fuel Information:
Fuel = NONE Density(kg/l) = 0.0000
Specific Gravity = 0.0000 NHV = 0.00
Fuel R-Factor = 0.00 CWF = 0.0000
OWF = 0.0000 HWF = 0.0000
Fuel Calculation Type = Gasoline/EPA Regulations

Phase Information:
Shift Tables Event Tables
Phase 1 AUTO NotRequired
Phase 2 AUTO NotRequired
Phase 3 AUTO NotRequired
Phase 4 AUTO_HS NotRequired
Phase 5 AUTO_HS NotRequired
Phase 6 AUTO_HS NotRequired
Phase 7 AUTO_HS NotRequired
Phase 8 AUTO NotRequired
Phase 9 AUTO NotRequired
Phase 10 AUTO NotRequired

Response Factors:

Pre Test Remarks:

Post Test Remarks:
NO PROBLEMS NOTICED DURING TEST

Non-Critical Information:
IUVP Vehicle Tracking # = APTL_VOIDORRESTART = 0

	Test Info	Times Info
Phase 1:	Baro (inHg) = 29.43 Temp (°F) = 74.3 Humid (gr/lb) = 24.29 Ahum (gr/lb) = 24.3 Dist (mi) = 7.466	Phase Start = 08:26:40 Phase Finish = 08:49:32 Elapsed (sec) = 1372.0 Drv Err (sec) = 0.0
Phase 2:	Baro (inHg) = 29.43 Temp (°F) = 73.5 Humid (gr/lb) = 24.35 Ahum (gr/lb) = 24.3 Dist (mi) = 0.000	Phase Start = 08:49:32 Phase Finish = 08:49:47 Elapsed (sec) = 15.0 Drv Err (sec) = 0.0
Phase 3:	Baro (inHg) = 29.42 Temp (°F) = 75.5 Humid (gr/lb) = 24.77 Ahum (gr/lb) = 24.8 Dist (mi) = 10.258	Phase Start = 08:49:47 Phase Finish = 09:02:32 Elapsed (sec) = 765.0 Drv Err (sec) = 0.0
Phase 4:	Baro (inHg) = 29.42 Temp (°F) = 74.0 Humid (gr/lb) = 24.81 Ahum (gr/lb) = 24.8 Dist (mi) = 7.471	Phase Start = 09:12:49 Phase Finish = 09:35:41 Elapsed (sec) = 1372.0 Drv Err (sec) = 0.0
Phase 5:	Baro (inHg) = 29.41 Temp (°F) = 74.7 Humid (gr/lb) = 24.48 Ahum (gr/lb) = 24.5 Dist (mi) = 43.910	Phase Start = 09:38:48 Phase Finish = 10:20:28 Elapsed (sec) = 2500.0 Drv Err (sec) = 0.0
Phase 6:	Baro (inHg) = 29.40 Temp (°F) = 74.1 Humid (gr/lb) = 23.87 Ahum (gr/lb) = 23.9 Dist (mi) = 7.455	Phase Start = 10:26:42 Phase Finish = 10:49:34 Elapsed (sec) = 1372.0 Drv Err (sec) = 0.0
Phase 7:	Baro (inHg) = 29.40 Temp (°F) = 73.4 Humid (gr/lb) = 24.08 Ahum (gr/lb) = 24.1 Dist (mi) = 0.000	Phase Start = 10:49:34 Phase Finish = 10:49:49 Elapsed (sec) = 15.0 Drv Err (sec) = 0.0
Phase 8:	Baro (inHg) = 29.39 Temp (°F) = 75.0 Humid (gr/lb) = 24.28 Ahum (gr/lb) = 24.3 Dist (mi) = 10.248	Phase Start = 10:49:49 Phase Finish = 11:02:34 Elapsed (sec) = 765.0 Drv Err (sec) = 0.0
Phase 9:	Baro (inHg) = 29.39 Temp (°F) = 74.2 Humid (gr/lb) = 25.04 Ahum (gr/lb) = 25.0 Dist (mi) = 7.452	Phase Start = 11:12:47 Phase Finish = 11:35:39 Elapsed (sec) = 1372.0 Drv Err (sec) = 0.0
Phase 10:	Baro (inHg) = 29.38 Temp (°F) = 75.0 Humid (gr/lb) = 25.65 Ahum (gr/lb) = 25.7 Dist (mi) = 12.785	Phase Start = 11:35:55 Phase Finish = 11:48:22 Elapsed (sec) = 746.8 Drv Err (sec) = 12.6

Phase	1	2	3	4	5	6	7	8	9	10
Test Result	UDDS_1	IDLE	HFEDS_1	UDDS_2	CSC_1	UDDS_3	IDLE	HFEDS_2	UDDS_4	CSC_2
Hioki Channel 1	Wh -4011.000	0.000	-7339.000	-3894.000	-43651.000	-3805.000	0.000	-7212.000	-3803.000	-12963.000
Hioki Channel 2	Wh -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hioki Channel 3	Wh -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hioki Channel 4	Wh -141.000	-2.000	-68.000	-143.000	-216.000	-143.000	-2.000	-75.000	-179.000	-236.000
Hioki Channel 5	Wh -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hioki Channel 6	Wh -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total Channels	Wh -4152.000	-2.000	-7407.000	-4037.000	-43867.000	-3948.000	-2.000	-7287.000	-3982.000	-13199.000
Distance	mi 7.466	0.000	10.258	7.471	43.910	7.455	0.000	10.248	7.452	12.785
Energy	Wh/mi -556.114	-----	-722.080	-540.375	-----	-529.588	-----	-711.037	-534.343	-----
Consumption										
K Factor	- 0.047	----	0.500	0.318	----	0.318	----	0.500	0.318	----
Usable Battery	Wh -87883.000									
Energy										
Discharge	Ah -256.288									
Amp-hours										
Deceleration Time	s 12.050									
Final phase	% 11.943									
distance										
Weighted Energy	Wh/mi	City -535.777	Highway -716.559	Combined -----						
Consumption										
Unadjusted Range	mi 164.029	122.646	145.407							
Test Summary	-----									
Test Result	Units									
Recharge Time	hh:mm:ss	-----								
AC Recharge Energy	Wh	-----								
DC Recharge Amp-Hours	Ah	-----								
Recharge Allocation	-	-----								
Factor										
Charge Recovery	-	-----								
AC Energy Consumption	Wh/mi	-----	City	Highway	Combined	-----				
AC Energy Consumption	kWh/100mi	-----	-----	-----	-----					
Fuel Economy Equivalent	MPGe	-----	-----	-----	-----					

Recharge data needed - patch not complete

Driver Rating Parameters		
Method		SAE J2951
Trace/Mode Files		
Phase	Trace	Mode Data
1	epa74+idle	EPA1374
2	epa74+idle	EPA1374
3	hwfet	HWFET
4	epa74	EPA1374
5	mct_temp_70222_1	
6	epa74+idle	EPA1374
7	epa74+idle	EPA1374
8	hwfet	HWFET
9	epa74	EPA1374
10	mct_temp_70222_2	

EBDR Coefficients
Inertia: 9135 (lb)
F0: 67.51 (lbf)
F1: 0.5869 (lbf/mph)
F2: 0.08963 (lbf/mph2)

Scaled Results			
Phase	EER	ASCR	IWR
	%	%	%
1	-0.12	-0.06	0.06
2	0.00	0.00	0.00
3	0.27	1.88	2.23
4	-0.26	-1.06	0.07
6	-0.29	-0.09	0.32
7	0.00	0.00	0.00
8	0.09	3.83	4.89
9	-1.11	-2.25	-0.90
Total	-0.17	-0.48	0.69

DATA VALIDATION

PARAMETER DESCRIPTION	VALUE OF PARAMETER	LIMIT OF PARAMETER
Temperature	VALID	68 - 86 (degF)
Barometer	VALID	28 - 31 (inHg)
Absolute Humidity	DETAILS BELOW	40 - 60 (gr/lb)
Phase Length	VALID	2 (%)
Distance	VALID	2 (%)
Test Hold Conditions	VALID	60 (sec)
Hot Soak Length	VALID	540 - 660 (sec)
		300 - 1800 (sec)
		540 - 660 (sec)
Driver Violations	VALID	Speed Tolerance Phase 1: 2 (mph)
		Time Tolerance Phase 1: 1 (sec)
		Violation Time Tolerance Phase 1: 2 (sec)
		Speed Tolerance Phase 2: 2 (mph)
		Time Tolerance Phase 2: 1 (sec)
		Violation Time Tolerance Phase 2: 2 (sec)
		Speed Tolerance Phase 3: 2 (mph)
		Time Tolerance Phase 3: 1 (sec)
		Violation Time Tolerance Phase 3: 2 (sec)
		Speed Tolerance Phase 4: 2 (mph)
		Time Tolerance Phase 4: 1 (sec)
		Violation Time Tolerance Phase 4: 2 (sec)
		Speed Tolerance Phase 5: 2 (mph)
		Time Tolerance Phase 5: 1 (sec)
		Violation Time Tolerance Phase 5: 2 (sec)
		Speed Tolerance Phase 6: 2 (mph)
		Time Tolerance Phase 6: 1 (sec)
		Violation Time Tolerance Phase 6: 2 (sec)
		Speed Tolerance Phase 7: 2 (mph)
		Time Tolerance Phase 7: 1 (sec)
		Violation Time Tolerance Phase 7: 2 (sec)
		Speed Tolerance Phase 8: 2 (mph)
		Time Tolerance Phase 8: 1 (sec)
		Violation Time Tolerance Phase 8: 2 (sec)
		Speed Tolerance Phase 9: 2 (mph)
		Time Tolerance Phase 9: 1 (sec)
		Violation Time Tolerance Phase 9: 2 (sec)
		Speed Tolerance Phase 10: 2 (mph)
		Time Tolerance Phase 10: 1 (sec)
		Violation Time Tolerance Phase 10: 2 (sec)
MCT Driver Violations	VALID	Speed Tolerance Phase 1: 4 (mph)
		Time Tolerance Phase 1: 2 (sec)
		Violation Time Tolerance Phase 1: 0 (sec)
		Speed Tolerance Phase 2: 4 (mph)
		Time Tolerance Phase 2: 2 (sec)
		Violation Time Tolerance Phase 2: 0 (sec)
		Speed Tolerance Phase 3: 4 (mph)
		Time Tolerance Phase 3: 2 (sec)
		Violation Time Tolerance Phase 3: 0 (sec)
		Speed Tolerance Phase 4: 4 (mph)
		Time Tolerance Phase 4: 2 (sec)
		Violation Time Tolerance Phase 4: 0 (sec)
		Speed Tolerance Phase 5: 4 (mph)
		Time Tolerance Phase 5: 2 (sec)
		Violation Time Tolerance Phase 5: 0 (sec)
		Speed Tolerance Phase 6: 4 (mph)
		Time Tolerance Phase 6: 2 (sec)
		Violation Time Tolerance Phase 6: 0 (sec)
		Speed Tolerance Phase 7: 4 (mph)
		Time Tolerance Phase 7: 2 (sec)
		Violation Time Tolerance Phase 7: 0 (sec)
		Speed Tolerance Phase 8: 4 (mph)
		Time Tolerance Phase 8: 2 (sec)
		Violation Time Tolerance Phase 8: 0 (sec)
		Speed Tolerance Phase 9: 4 (mph)
		Time Tolerance Phase 9: 2 (sec)
		Violation Time Tolerance Phase 9: 0 (sec)
		Speed Tolerance Phase 10: 4 (mph)
		Time Tolerance Phase 10: 2 (sec)
		Violation Time Tolerance Phase 10: 0 (sec)
Odometer	VALID	0.0 - 1000000.0
MCT Breakoff Deceleration	VALID	15 (sec)

MCT CSC2 Distance	VALID	20 (%)
MCT Average Voltage	VALID	50 (volt)
MCT Polarity	VALID	0.002 (amp-hr)
HFED Hot Soak Length	VALID	540 - 660 (sec)
		540 - 660 (sec)
		540 - 660 (sec)
		540 - 660 (sec)
		540 - 660 (sec)
CSC Middle Hot Soak Length	VALID	300 - 1800 (sec)
		300 - 1800 (sec)
		300 - 1800 (sec)
		300 - 1800 (sec)
		300 - 1800 (sec)
CarFlow Exhaust Volume	VALID	0.1 (m3)

Absolute Humidity

Limits: 40 - 60 (gr/lb)

Start Time	Test Time	Phase	End Time	Test Time	Phase	Length (sec)	Average (gr/lb)	Status
1.0	1.0	1	12102.1	746.8	10	12101.1	24.57	(under)

1 violation.

Device	Samp	Alarm	Phase	Start ttime	Phase	End ttime	Duration (sec)	Start Time
--------	------	-------	-------	----------------	-------	--------------	-------------------	---------------

17 California Requirements

17.1 Statement of Compliance

17.1.1 General Statement

Ford Motor Company states that in regard to the vehicle control systems and all related parameters the production vehicles will be identical to the test vehicles which are used for certification testing.

17.1.2 Drivability Statement

The 2027 model year Ford eTransit vehicles meet the typical drivability requirements that the United States market expects, including acceleration rates, braking performance and stability performance. Furthermore, this vehicle meets all applicable FMVSS standards.

17.2 Supplemental Data and Certification Review Sheet

17.2.1 Certification Review Sheet

See Attachment.

E.O.#.

2027 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: VFMXD00.00MW

Range Test Results								
		(check one)	(check one)			System	System	Vehicle
Vehicle ID	Trans	TW _____	DPA _____		Unadjusted Range (mi)	AC (Wh/mi)	DC (Wh/mi)	DC (Wh/mi)
		ETW / GVWR X_____	RLHP _____					
			dyno coeff. X					
PTH1-0.0 -648	CVT	9000	F0 = 67.51	Ford UDDS Original Test	163.94	610.37	559.50	536.14
			F1 = 0.5869				540.59	
			F2 = 0.08963				529.76	
							534.58	
				Ford HWY Original Test	122.5581	815.82	722.16	716.60
							711.04	

Battery Test Results: Specific Energy (Whr/kg) 186.6

Vehicle Models	Trans type	Calibration	ETW (lb)	Tires	TRLHP
eTransit	CVT (single speed)	RTTHC1NA06	9000	P235/65R16	42.8

Fuel Fired Heater Test Results (emission results in grams/mile): NA

NMHC

CO

NOx Remarks:

-----ARB USE ONLY-----

Application Processed By: _____ Date: _____

Reviewed by: _____ Date: _____

17.3 Reserved

17.4 Credits

17.4.1 Description of multi-manufacturer arrangements

Not applicable to this program. Ford is the sole manufacturer of this product.

17.4.2 Credit Calculation

Complete and Incomplete Vehicle Variants

Advanced Clean Trucks Regulation: (h) Zero-Emission Powertrain Certification for ZEVs. Beginning with the 2024 model year, on-road ZEVs over 14,000 pounds GVWR and incomplete medium-duty ZEVs from 8,501 through 14,000 pounds GVWR produced and delivered for sale in California must meet the requirements of 13 CCR section 1956.8 and 17 CCR section 95663 as amended by the Zero-Emission Powertrain Certification regulation to receive ZEV credit.

PART I: Heavy-Duty Zero-Emission Powertrain Certification Requirements A. General Applicability. All Model Year (MY) 2021 and subsequent MY battery electric and hydrogen fuel-cell powertrains intended for use in heavy-duty vehicles (over 14,000 pounds gross vehicle weight rating) and incomplete medium-duty vehicles (from 8,501 through 14,000 pounds gross vehicle weight rating) may be certified to these procedures.

(a) ZEV Credit Calculation. A manufacturer may generate ZEV credits for each ZEV produced and delivered for sale in California for the manufacturer-designated model year. ZEV credits are earned when a new on-road vehicle is sold to the ultimate purchaser in California. The ZEV credit generated for each vehicle sold is equal to the value of the appropriate weight class modifier in Table A-2 of section 1963.1.

Table A-2. Weight Class Modifiers

	Vehicles in the Class 2b-3	Class 4-5 Vehicles in the Class 4-8 Group	Class 6-7 Vehicles in the Class 4-8 Group	Class 8 Vehicles in the Class 4-8 Group	Vehicles in the Class 7 and 8 Tractor Group
Weight Class Modifier	0.8	1	1.5	2	2.5

17.5 Vehicle Safety

17.5.1 All Information for Safe Operation of Vehicle

Details on how to operate the vehicle can be found in the owners guide.

Note that the vehicle is started and driven in the same manner as a conventional I.C.E. vehicle.

17.5.2 Information on Safe Handling of Battery System

The battery is to be serviced only by technicians that are authorized to do so by Ford. The details will be available prior to production

17.5.3 Description of Emergency Procedures

Emergency procedures are described in Owner's guide. Please refer to owner's guide for details.



SECTION 18

Revisions

18.00.00.00