

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

CARB USE ONLY

Invoice Name	MSF250697
Invoice Date	Jan 15, 2026

COMPANY INFORMATION

Company Name	Mercedes-Benz USA
Address	13470 International Pkwy
City	Jacksonville
State	FLORIDA
Zip	32218
Country	United States
Contact Name	Brandin Benson
Contact Telephone Number	5515797969
Contact Email	brandin.b.benson@mbusa.com
CARB Customer Number	CCAM000021

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	n/a	Model Year 2027	VMBXT00.0ED3	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
2	n/a	Model Year 2027	VMBXT00.0ED4	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
3	n/a	Model Year 2027	VMBXV00.0E10	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
4	n/a	Model Year 2027	VMBXV00.0ED1	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
5	n/a	Model Year 2027	VMBXV00.0ED2	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
6	n/a	Model Year 2027	VMBXV00.0ED3	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
7	n/a	Model Year 2027	VMBXV00.0ED4	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
8	n/a	Model Year 2027	VMBXV00.0ED5	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
9	n/a	Model Year 2027	VMBXV00.0ED8	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00

10	n/a	Model Year 2027	VMBXV00.0ED9	Light-duty vehicle test group and medium-duty vehicle test group	Zero-Emission	\$ 12,577.00
11	n/a	Model Year 2027	VMBXV04.0U3A	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
12	n/a	Model Year 2027	VMBXT02.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
13	n/a	Model Year 2027	VMBXV02.0HY2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
14	n/a	Model Year 2027	VMBXV01.5HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
15	n/a	Model Year 2027	VMBXJ02.0HY3	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
16	n/a	Model Year 2027	VMBXV01.5HY2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
17	n/a	Model Year 2027	VMBXV02.0HY4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
18	n/a	Model Year 2027	VMBXT02.0HY2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
19	n/a	Model Year 2027	VMBXV02.0HY7	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
20	n/a	Model Year 2027	VMBXT03.0HY2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
21	n/a	Model Year 2027	VMBXV03.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
22	n/a	Model Year 2027	VMBXT03.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
23	n/a	Model Year 2027	VMBXJ03.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
24	n/a	Model Year 2027	VMBXV03.0HY2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
25	n/a	Model Year 2027	VMBXV03.0HY3	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
26	n/a	Model Year 2027	VMBXT04.0HY2	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
27	n/a	Model Year 2027	VMBXV04.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
28	n/a	Model Year 2027	VMBXT04.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
29	n/a	Model Year 2027	VMBXV02.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
30	n/a	Model Year 2027	VMBXJ02.0HY1	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
31	n/a	Model Year 2027	VMBXV03.0HY4	Light-duty vehicle test group and medium-duty vehicle test group	Base	\$ 50,309.00
32	n/a	Model Year 2027	VMBXV04.0HY5	Light-duty vehicle test group and	Base	\$ 50,309.00

				medium-duty vehicle test group		
					Total Due	\$ 1,232,568.00

I, John Healey,
John Healey (Jan 15, 2026 10:38:03 EST), attest that any information provided is true, accurate, and complete.
(Responsible Party Signature Here)

From: noreply@salesforce.com <noreply@salesforce.com> **On Behalf Of** California Air
Sent: Wednesday, February 11, 2026 10:47 AM
To: Healey, John (171) <john.healey@mbusa.com>
Subject: MS Fee Payment Confirmation for Invoice MSF250697

****EXTERNAL E-MAIL****

Dear Brandin Benson

Attached is documentation for your MS Fee payment for Invoice Name MSF250697. Please include a copy of this invoice and email with each application that is listed when submitting your application to the applicable MS Fee program.

1. Payment ID – 25ATD221
2. Date of Payment – 2/6/2026
3. Payment Status - Paid



Application for Certification – Part 1

Model Year 2027 Specific Sections

Model(s) Covered:	EQS 580 4MATIC EQS 500 4MATIC
Test Group:	VMBXV00.0ED5
Test Group Description:	Battery Electric Vehicle
Durability Group:	VMBXEEVNNED1
Durability Group Description:	N/A
Evaporative Family:	n/a
EPA Summary Sheet No.:	CSI-VMBXV00.0ED5
Applicable Standards:	Federal – Tier 4 BIN 0 California - ACC I ZEV
OBD Group:	N/A
Vehicle(s) Tested:	V297PSM140f-PSM300r-EB412 red 4x4 - Z2791-1 V297PSM140f-PSM300r-EB412 red 4x4 - Z2791
Vehicle(s) Tested EVAP:	N/A



Table of Contents

1	<u>Correspondence</u>
1.01	EPA Responsible Official
1.02	CARB Responsible Official
1.03	Mailing Information
2	<u>Durability Group</u>
2.01	Logic for Defining Durability Group
3	<u>Evaporative/Refueling Family</u>
3.01	Logic for Defining Evaporative/Refueling Family
4	<u>Durability Procedure</u>
4.01	Exhaust Durability
4.02	Evaporative/Refueling Durability
4.03	Durability Equivalency Factors
5	<u>Test Group</u>
5.01	Test Group Description
6	<u>Test Vehicle</u>
6.01	Test Vehicle Description
7	<u>Test Results</u>
7.01	Certification Summary Information
7.02	Supplemental Test Methods
7.03	Pressurized Fuel Tanks
7.04	Vehicle Lubricants
8	<u>Statements</u>
8.01	Conformity
8.02	Testing Waiver Statements
9	<u>On-Board Diagnostic System</u>
9.01	OBD System Description
9.02	Fuel Tank Leak Test
10	<u>Alternate Fuel Vehicles</u>
10.01	Applicable Alternate Fuel Vehicles
11	<u>Auxiliary Emissions Control Devices</u>
11.01	AECD Document
12	<u>Vehicles Covered by Certificate</u>
12.01	Vehicle Information & Test Parameters
12.02	Sub-Configuration Range Values
13	<u>Sales Volume</u>
13.01	Projected Sales Volume
13.02	Projected Conformity with Schedules
14	<u>Request for Certificates</u>
14.01	Request for EPA Certificate of Conformity



Mercedes-Benz AG

U.S. Certification

14.02	Request for CARB Executive Order
14.03	OBD Approval
14.04	EPA Fee Filing Form
14.05	CARB Fee Filing Form
15	Additional Information
15.01	Hybrid System Information
15.02	Fuel-Fired Heater
15.03	Exhaust System Leaks & Repair
15.04	Battery Monitor and Durability
16	Confidential Information
Attachments	Attachments



Revision History

Issue Date / Revision Date	Affected Sections	Description of Changes
12-Jun-2026	All	Initial Version



1 Correspondence

1.01 EPA Responsible Official

Paul Skorupskas
VP, US Certification & Regulatory Affairs
Government Liaison, EPA
Phone: +1 (734) 929 8658
Email: paul.skorupskas@mercedes-benz.com

1.02 CARB Responsible Official

Tobias Schmelzle
Manager, US OBD Certification
Government Liaison, CARB
Phone: +1 (562) 243 7672
Email: tobias.t.schmelzle@mercedes-benz.com

1.03 Mailing Information

Mercedes-Benz AG
Attention: HPC 059-L404
Leibnizstrasse 2
71032 Boeblingen
Germany



2 Durability Group

2.01 Logic for Defining Durability Group

Please refer to the Common Application for Certification.



3 Evaporative/Refueling Family

3.01 Logic for Defining Evaporative/Refueling Family

Please refer to the Common Application for Certification. Results are available in Section 7 Test Results.



4 Durability Procedure

4.01 Exhaust Durability

Not applicable for battery electric vehicles.

4.02 Evaporative/Refueling Durability

Not applicable for battery electric vehicles.

4.03 Durability Equivalency Factors

Not applicable for battery electric vehicles.



5 Test Group

5.01 Test Group Description

Please refer to the Cover Page, Section 7 Test Results, and the Common Application for Certification.

Category	Group	Status
EDV/ZEV	VMBXV00.0ED5	New Testing
EVAP	N/A	N/A
Durability	N/A	N/A



6 Test Vehicle

6.01 Test Vehicle Description

Please refer to Section 7 Test Results and Section 12 Vehicles Covered by Certificate for further information.



7 Test Results

7.01 Certification Summary Information

Please refer to the attachments for the Certification Summary Information Sheet.

7.02 Supplemental Test Methods

If a test vehicle is selected for EPA Confirmatory Testing, additional information will be provided under separate cover.

7.03 Pressurized Fuel Tanks

Not applicable for this test group.

7.04 Vehicle Lubricants

Please refer to the attachments for the Certification Summary Information Sheet and/or the owner's manual.



8 Statements

8.01 Conformity

Please refer to Section 14 Request for Certificates and the Common Application for Certification.

8.02 Testing Waiver Statements

Please refer to the Common Application for Certification.



9 On-Board Diagnostic System

9.01 OBD System

Please refer to Section 14 Request for Certificates and Section 16 Confidential Information.

9.02 Fuel Tank Leak Test

Not applicable for battery electric vehicles.



10 Alternate-Fueled Vehicles

10.01 Applicability

Alternate-fueled vehicles are not part of this test group.



11 Auxiliary Emissions Control Devices

11.01 AECD Document

Not applicable for battery electric vehicles.



12 Vehicles Covered by Certificate

12.01 Vehicle Information & Test Parameters

Additional vehicle information can be found in Section 7 Test Results.

	Vehicle 1	Vehicle 2
Vehicle Identification Text:	V297PSM140f-Z2791-1	V297PSM140f-Z2791
Actual Test Vehicle Make Text:	Mercedes-Benz	Mercedes-Benz
Actual Test Vehicle Model Text:	EQS 580 4MATIC	EQS 500 4MATIC
Carline Class:	Large Cars	Large Cars
Evaporative Refueling Family Name:	n/a	n/a
Drive Source Details 1		
Drive Source Identifier:	E	E
Fuel Identifier:	EL	EL
Drive Source Details 2		
Drive Source Identifier:	-	-
Fuel Identifier:	-	-
Fuel Cell Indicator:	N	N
Rechargeable Energy Storage System Indicator:	Y	Y
Rechargeable Energy Storage Device Identifier:	B	B
Off Board Charge Capability Indicator:	Y	Y
Test Drive Code:	A	A
Shift Indicator Light Usage Identifier:	1	1
Aged Component Usage Identifier:	4	4
Odometer Correction Details		
Correction Initial Value:	29	29
Correction Factor Value:	1	1
Correction Sign Identifier:	-	-
Correction Units Code:	M	M
Engine Code Text:	PSM140-PSM300	PSM140-PSM300
Engine Rated Horsepower Value:		
Engine Displacement Value:	0	
Air Aspiration Details		
Air Aspiration Method Identifier:	-	-
Air Aspiration Device Count:	-	-
Air Aspiration Configuration Identifier:	-	-
Charge Air Cooler Identifier:	-	-
Emissions Control Device Comments Text:	-	-
Transmission Specifications Details		
Light Duty Transmission Type Identifier:	A	A
Transmission Lock up Indicator:	Y	Y
Transmission Creeper Gear Indicator:	N	N
Transmission Gear Count:	2	2
HYBRID Vehicle Indicator	N	N
⁽¹⁾ Vehicle Specifications Details		
Vehicle Class (EPA):	LDV	LDV
Vehicle Class (CARB):	PC	PC



Mercedes-Benz AG

U.S. Certification

Curb Weight Value:	5887	5873
Equivalent Test Weight Value:	6000	6000
Gross Vehicle Weight Rating Value:	7066	7066
Adjusted Loaded Vehicle Weight Value:	6476	6470
Loaded Vehicle Weight Value:	6187	6173
Vehicle Subconfigs Details		
Vehicle Configuration Number:	0	0
Manufacturer Vehicle Configuration Number:		
Tire Description:	Tire 1 (ZEV)	Tire 1 (ZEV)
Front:	265/35 R22	265/35 R22
Rear:	265/35 R22	265/35 R22
Total Road Load Horsepower Value:	12.28	12.28
NV Ratio Value:	59	59
Axle Ratio Value:	1	1
Test Drive Mode (cycle based):	Default	Default
Test Procedure Dynamometer Coefficients		
Target Coefficient A Value:	45.41	45.41
Target Coefficient B Value:	0.0723	0.0723
Target Coefficient C Value:	0.01723	0.01723
Vehicle Configuration Number:		
Manufacturer Vehicle Configuration Number:	1	1
Tire Description:	Tire 2 (Label)	Tire 2 (Label)
Front:	265/40 R21	255/45 R20
Rear:	265/40 R21	255/45 R20
Total Road Load Horsepower Value:	10.99	10.83
NV Ratio Value:	59	59
Axle Ratio Value:	1	1
Test Drive Mode:	Default	Default
Test Procedure Dynamometer Coefficients		
Target Coefficient A Value:	38.22	39.34
Target Coefficient B Value:	0.0723	0.0723
Target Coefficient C Value:	0.01624	0.01531

⁽¹⁾ Adjusted to current model year

Please refer to the Common Application for Certification for a comprehensive list of all available tires and road loads.



12.02 Sub-Configuration Range Values

Please refer to Section 16 Confidential Information.



13 Sales Volume

13.01 Projected Sales Volume

Please refer to the Common Application for Certification and the CARB E-Cert.

13.02 Projected Conformity with Schedules

Please refer to materials provided with the Compliance Preview Meeting.



14 Request for Certificates

14.01 Request for EPA Certificate of Conformity

Page left blank for formatting.



Mercedes-Benz AG | 70546 Stuttgart

Mercedes-Benz

Mr. Daniel Cullen
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
USA

Datum/Date
Model Year 2027

Request for Issuance of Certificate of Conformity

Dear Mr. Cullen,

Mercedes-Benz requests that EPA issues a Certificate of Conformity for the test group listed on the cover page of this application.

The applicable test results can be found in Section 7 of this document. Compliance statements can be found in Section 8 of the Common Application for Certification.

Production vehicles which are subject to registration or sale in all fifty states will be, in all material respects, the same as the certification test vehicles. The test group complies with all applicable regulations contained within 40 CFR Part 86 and California Health and Safety Code.

The application is current as of the date of submission.

Mit freundlichen Grüßen/Yours sincerely,

i.V. Paul Skorupskas
VP – US Certification & Regulatory Affairs



14.02 Request for CARB Executive Order

Page left blank for formatting.



Mercedes-Benz AG | 70546 Stuttgart

Mercedes-Benz

Mr. Seung Yeon Yang
California Air Resources Board
Emissions Certification & Compliance Division
4001 Iowa Avenue
Riverside, CA 92507
USA

Datum/Date
Model Year 2027

Request for Issuance of Executive Order

Dear Mr. Yang,

Mercedes-Benz requests that CARB issue an Executive Order for the test group listed on the cover page of this application.

The applicable test results can be found in Section 7 of this document. Compliance statements can be found in Section 8 of the Common Application for Certification.

Production vehicles which are subject to registration or sale in the State of California will be, in all material respects, the same as the certification test vehicles. The test group complies with all applicable regulations contained within 40 CFR Part 86 and California Health and Safety Code. The Vehicle Emission Control label complies with the requirements of California Code of Regulations, Title 13, Section 1965.

The application is current as of the date of submission.

Mit freundlichen Grüßen/Yours sincerely,

i.V. Paul Skorupskas
VP – US Certification & Regulatory Affairs

i.A. Tobias Schmelzle
Manager – CARB Liaison & On-Board Diagnostics



14.03 OBD Approval

Please see Section 16 Confidential Information for information regarding the OBD approval.

14.04 EPA Fee Filing Form

Please refer to the attachments for the Fee Filing Forms.

14.05 CARB Fee Filing Form

Please refer to the beginning of this document.



15 Additional Information

15.01 Hybrid System Information

Not applicable for this test group.

15.02 Fuel-Fired Heater

There is no applicable fuel-fired heater for this test group.

15.03 Exhaust System Leaks & Repair

Not applicable for battery electric vehicles.

15.04 Battery Monitor & Durability

Please refer to Section 16 Confidential Information.



Mercedes-Benz AG

U.S. Certification

16 Confidential Information (FOI)

(Reserved)



Attachments

1	Certification Summary Information (FOI)
2	EPA Fee Filing Form (FOI)



Mercedes-Benz AG

U.S. Certification

Attachment 1: Certification Summary Information (FOI)



Mercedes-Benz AG

U.S. Certification

Attachment 2: EPA Fee Filing Form (FOI)

Certification Summary Information Report

Manufacturer	Mercedes Benz	Manufacturer Code	MBX
Test Group	VMBXV00.0ED5	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	07/17/2026 02:03:23 AM
Model Year	2027		

Test Group Information

CSI Type	Update for Correction	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	--	--

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	LDV
Federal Clean Fuel Vehicle	Yes	Federal Clean Fuel Vehicle Standard	ZEV
Federal Clean Fuel Vehicle ILEV	Yes	California Partial Zero Emissions Vehicle Indicator	No
Durability Group Name	VMBXEEVNNED1	Durability Group Equivalency Factor	1.0
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	07/31/2026	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	VMBXV00.0ED5
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	This is a Zero Emission Test Group; no OBD compliance required		
Mfr Test Group Comments	Sales: Federal = 50 states; CA = CA + 177 states		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--
-------------------	--------------	-------------------------------------	----

Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Mercedes Benz	1 - Mercedes-Benz	905 - EQS 500 4MATIC	California + CAA Section 177 states	All Wheel Drive	Automatic	2	No
Mercedes Benz	1 - Mercedes-Benz	905 - EQS 500 4MATIC	Federal	All Wheel Drive	Automatic	2	No
Mercedes Benz	1 - Mercedes-Benz	902 - EQS 580 4MATIC	Federal	All Wheel Drive	Automatic	2	No
Mercedes Benz	1 - Mercedes-Benz	902 - EQS 580 4MATIC	California + CAA Section 177 states	All Wheel Drive	Automatic	2	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	VMBXV00.0ED5	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	12
Total Voltage of Battery Packs	700	Battery Energy Capacity	175
Battery Specific Energy	180	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	Yes
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	2		
Motor/Generator Type 1	AC 3 Phase Permanent Magnet	Rated Motor/Generator Power	163
Motor/Generator Type 2	AC 6 Phase Permanent mMgnet	Rated Motor/Generator Power	300
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	E-Drive max power: EQS 500 4MATIC = 350 KW ; AC 3 Phase Permanent Magnet = 163 KW/ AC 6 Phase Permanent Magnet = 300 KW and EQS 580 4MATIC = 430 KW ; AC 3 Phase Permanent Magnet = 163 KW/ AC 6 Phase Permanent Magnet = 300 KW		

Certification Summary Information Report

Test Group	VMBXV00.0ED5		Evaporative/Refueling Family	--						
Emission Data Vehicle Information										
Vehicle ID / Configuration	V297PSM140f-Z2791 / 0		Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	VMBXV00.0ED5		Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2027									
Vehicle Model										
Represented Test Vehicle Make	Mercedes-Benz		Represented Test Vehicle Model	EQS 500 4MATIC						
Leak Family Details										
Leak Family Identifier	--		Leak Family Name	--						
Drive Sources and Fuel System Details										
<table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </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 -- Initial	29		Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles									
Odometer Correction Units	Miles									
Engine Code	PSM140-PSM300		Rated Horsepower	469						
Displacement (liters)	0.001									
Air Aspiration Method	Naturally Aspirated		Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	--		Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--		Drive Mode While Testing	All Wheel Drive						
Shift Indicator Light Usage	Not equipped		Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	5873		Equivalent Test Weight (pounds)	6000						
GVWR (lbs)	7066		N/V Ratio	59						
Axle Ratio	1									
Transmission Type	Automatic		# of Transmission Gears	2						
Transmission Lockup	Yes		Creep Gear	No						
Dynamometer Coefficients:										
Target Coefficients			Set Coefficients							
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
City/Highway/Evap	45.41	0.0723	0.01723	12.3						
Emission Control Device Comments	--									

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Tire Size: 265/35 R22 - The dyno match was calculated using the fix run method per SAE J2264		

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
Test #	VMBX10094537	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	05/20/2026	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	Mfr. Determined																
Verify Test Lab ID	3953 Research Park Drive																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	2446	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)	146.993																
Charge Depleting Range (Calculated miles)	564.687	Charge Depleting Range (Actual miles)	564.687																
Charge Depleting Range Highway (Calculated miles)	569.423	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	564.687																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4515935</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.405</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.283</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.864</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.9437963</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.0856464</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4515935	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.405	Drive Trace Energy Economy Rating	-0.283	Drive Trace Inertia Work Ratio Rating	0.864	Integrated DC KW-HRS	1.9437963	Manufacturer Fuel Economy	26.0856464
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4515935																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.405																		
Drive Trace Energy Economy Rating	-0.283																		
Drive Trace Inertia Work Ratio Rating	0.864																		
Integrated DC KW-HRS	1.9437963																		
Manufacturer Fuel Economy	26.0856464																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.257729</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>7.945</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.366</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>10.647</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.4214886</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.6064784</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.257729	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	7.945	Drive Trace Energy Economy Rating	1.366	Drive Trace Inertia Work Ratio Rating	10.647	Integrated DC KW-HRS	2.4214886	Manufacturer Fuel Economy	23.6064784		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.257729																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	7.945																		
Drive Trace Energy Economy Rating	1.366																		
Drive Trace Inertia Work Ratio Rating	10.647																		
Integrated DC KW-HRS	2.4214886																		
Manufacturer Fuel Economy	23.6064784																		
Charge Depleting Bag/Phase #3																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4353361</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.555</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.039</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.633</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.7793819</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.9314255</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4353361	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.555	Drive Trace Energy Economy Rating	0.039	Drive Trace Inertia Work Ratio Rating	1.633	Integrated DC KW-HRS	1.7793819	Manufacturer Fuel Economy	23.9314255		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4353361																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.555																		
Drive Trace Energy Economy Rating	0.039																		
Drive Trace Inertia Work Ratio Rating	1.633																		
Integrated DC KW-HRS	1.7793819																		
Manufacturer Fuel Economy	23.9314255																		
Charge Depleting Bag/Phase #4																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>358.2364971</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0</td></tr><tr><td>Integrated DC KW-HRS</td><td>96.1101183</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.8286786</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	358.2364971	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	96.1101183	Manufacturer Fuel Economy	26.8286786		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	358.2364971																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	96.1101183																		
Manufacturer Fuel Economy	26.8286786																		
Charge Depleting Bag/Phase #5																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.431942</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-1.547</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.971</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.183</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.6757544</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.5480022</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.431942	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.547	Drive Trace Energy Economy Rating	0.971	Drive Trace Inertia Work Ratio Rating	2.183	Integrated DC KW-HRS	1.6757544	Manufacturer Fuel Economy	22.5480022		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.431942																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.547																		
Drive Trace Energy Economy Rating	0.971																		
Drive Trace Inertia Work Ratio Rating	2.183																		
Integrated DC KW-HRS	1.6757544																		
Manufacturer Fuel Economy	22.5480022																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2659467</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>3.757</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.138</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>4.729</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.3223364</td></tr><tr><td>Manufacturer Fuel Economy</td><td>22.6217459</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2659467	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.757	Drive Trace Energy Economy Rating	-0.138	Drive Trace Inertia Work Ratio Rating	4.729	Integrated DC KW-HRS	2.3223364	Manufacturer Fuel Economy	22.6217459
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.2659467																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	3.757																		
Drive Trace Energy Economy Rating	-0.138																		
Drive Trace Inertia Work Ratio Rating	4.729																		
Integrated DC KW-HRS	2.3223364																		
Manufacturer Fuel Economy	22.6217459																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4419944</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.882</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.318</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.822</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.7354383</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.3195321</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4419944	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.882	Drive Trace Energy Economy Rating	1.318	Drive Trace Inertia Work Ratio Rating	3.822	Integrated DC KW-HRS	1.7354383	Manufacturer Fuel Economy	23.3195321
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4419944																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.882																		
Drive Trace Energy Economy Rating	1.318																		
Drive Trace Inertia Work Ratio Rating	3.822																		
Integrated DC KW-HRS	1.7354383																		
Manufacturer Fuel Economy	23.3195321																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>88.2533396</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0</td></tr><tr><td>Integrated DC KW-HRS</td><td>23.6287466</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.7737705</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	88.2533396	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	23.6287466	Manufacturer Fuel Economy	26.7737705
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	88.2533396																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	23.6287466																		
Manufacturer Fuel Economy	26.7737705																		
Manufacturer Test Comments	265/35 R22																		

Certification Summary Information Report

Test Group	VMBXV00.0ED5		Evaporative/Refueling Family	--						
Emission Data Vehicle Information										
Vehicle ID / Configuration	V297PSM140f-Z2791 / 1		Manufacturer Vehicle Configuration Number	1						
Original Test Group Name	VMBXV00.0ED5		Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2027									
Vehicle Model										
Represented Test Vehicle Make	Mercedes-Benz		Represented Test Vehicle Model	EQS 500 4MATIC						
Leak Family Details										
Leak Family Identifier	--		Leak Family Name	--						
Drive Sources and Fuel System Details										
<table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </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 Storage	--		Multiple Fuel Combustion	--						
Fuel Cell Indicator	No		Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)		Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes									
Odometer Correction -- Initial	29		Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles									
Odometer Correction Units	Miles									
Engine Code	PSM140-PSM300		Rated Horsepower	469						
Displacement (liters)	0.001		Air Aspiration Method, if 'Other'							
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	--		Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped		Equivalent Test Weight (pounds)	6000						
Curb Weight (lbs)	5873		N/V Ratio	59						
GVWR (lbs)	7066									
Axle Ratio	1		# of Transmission Gears	2						
Transmission Type	Automatic		Creep Gear	No						
Transmission Lockup	Yes									
Dynamometer Coefficients:										
Target Coefficients			Set Coefficients							
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
City/Highway/Evap	39.34	0.0723	0.01531	10.8						
Emission Control Device Comments	--									

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Tire Size: 255/45 R20		

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
Test #	VMBX10094619	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	05/22/2026	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	Mfr. Determined																
Verify Test Lab ID	3953 Research Park Drive																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	2981	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)	145.818																
Charge Depleting Range (Calculated miles)	622.521	Charge Depleting Range (Actual miles)	622.521																
Charge Depleting Range Highway (Calculated miles)	644.45	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	622.521																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4363274</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.539</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.87</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.295</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.7910439</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.0850593</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4363274	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.539	Drive Trace Energy Economy Rating	-0.87	Drive Trace Inertia Work Ratio Rating	-1.295	Integrated DC KW-HRS	1.7910439	Manufacturer Fuel Economy	24.0850593
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4363274																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.539																		
Drive Trace Energy Economy Rating	-0.87																		
Drive Trace Inertia Work Ratio Rating	-1.295																		
Integrated DC KW-HRS	1.7910439																		
Manufacturer Fuel Economy	24.0850593																		
Charge Depleting Bag/Phase #2																			

Charge Depleting Bag/Phase #3

Charge Depleting Bag/Phase #4

Charge Depleting Bag/Phase #5

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2523561</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>5.865</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.945</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>7.434</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.0329723</td></tr><tr><td>Manufacturer Fuel Economy</td><td>19.8293179</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2523561	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	5.865	Drive Trace Energy Economy Rating	0.945	Drive Trace Inertia Work Ratio Rating	7.434	Integrated DC KW-HRS	2.0329723	Manufacturer Fuel Economy	19.8293179
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.2523561																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	5.865																		
Drive Trace Energy Economy Rating	0.945																		
Drive Trace Inertia Work Ratio Rating	7.434																		
Integrated DC KW-HRS	2.0329723																		
Manufacturer Fuel Economy	19.8293179																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4255374</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.58</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.933</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>5.086</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.548757</td></tr><tr><td>Manufacturer Fuel Economy</td><td>20.8571701</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4255374	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.58	Drive Trace Energy Economy Rating	1.933	Drive Trace Inertia Work Ratio Rating	5.086	Integrated DC KW-HRS	1.548757	Manufacturer Fuel Economy	20.8571701
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4255374																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.58																		
Drive Trace Energy Economy Rating	1.933																		
Drive Trace Inertia Work Ratio Rating	5.086																		
Integrated DC KW-HRS	1.548757																		
Manufacturer Fuel Economy	20.8571701																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>99.7202351</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0</td></tr><tr><td>Integrated DC KW-HRS</td><td>23.3627803</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.4283245</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	99.7202351	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	23.3627803	Manufacturer Fuel Economy	23.4283245
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	99.7202351																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	23.3627803																		
Manufacturer Fuel Economy	23.4283245																		
Manufacturer Test Comments	255/45 R20																		

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	V297PSM140f-Z2791-1 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	VMBXV00.0ED5	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2027								
Vehicle Model									
Represented Test Vehicle Make	Mercedes-Benz	Represented Test Vehicle Model	EQS 580 4MATIC						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </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 Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	29	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	PSM140-PSM300	Rated Horsepower	577						
Displacement (liters)	0.001								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	All Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	5887	Equivalent Test Weight (pounds)	6000						
GVWR (lbs)	7066	N/V Ratio	59						
Axle Ratio	1								
Transmission Type	Automatic	# of Transmission Gears	2						
Transmission Lockup	Yes	Creep Gear	No						
Dynamometer Coefficients:									
	Target Coefficients								
	Set Coefficients								
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	38.22	0.0723	0.01624						
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
	6.04	-0.14145	0.01573						
	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients								
	11								
Emission Control Device Comments	--								

Page 15 of 23 CSI Submission/Revision Date: 07/17/2026 02:03:23 AM

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
Test #	VMBX10094618	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	06/09/2026	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	Mfr. Determined																
Verify Test Lab ID	3953 Research Park Drive																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	3738	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)	145.057																
Charge Depleting Range (Calculated miles)	615.37	Charge Depleting Range (Actual miles)	615.37																
Charge Depleting Range Highway (Calculated miles)	626.628	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	615.37																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4294469</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.854</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.808</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.877</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.7752675</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.8950161</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4294469	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.854	Drive Trace Energy Economy Rating	0.808	Drive Trace Inertia Work Ratio Rating	1.877	Integrated DC KW-HRS	1.7752675	Manufacturer Fuel Economy	23.8950161
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4294469																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.854																		
Drive Trace Energy Economy Rating	0.808																		
Drive Trace Inertia Work Ratio Rating	1.877																		
Integrated DC KW-HRS	1.7752675																		
Manufacturer Fuel Economy	23.8950161																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2597522</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>7.023</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>2.511</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>9.167</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.1780798</td></tr><tr><td>Manufacturer Fuel Economy</td><td>21.2293608</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2597522	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	7.023	Drive Trace Energy Economy Rating	2.511	Drive Trace Inertia Work Ratio Rating	9.167	Integrated DC KW-HRS	2.1780798	Manufacturer Fuel Economy	21.2293608		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.2597522																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	7.023																		
Drive Trace Energy Economy Rating	2.511																		
Drive Trace Inertia Work Ratio Rating	9.167																		
Integrated DC KW-HRS	2.1780798																		
Manufacturer Fuel Economy	21.2293608																		
Charge Depleting Bag/Phase #3																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4779858</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.78</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.867</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.882</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.6240512</td></tr><tr><td>Manufacturer Fuel Economy</td><td>21.7177631</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4779858	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.78	Drive Trace Energy Economy Rating	0.867	Drive Trace Inertia Work Ratio Rating	2.882	Integrated DC KW-HRS	1.6240512	Manufacturer Fuel Economy	21.7177631		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4779858																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.78																		
Drive Trace Energy Economy Rating	0.867																		
Drive Trace Inertia Work Ratio Rating	2.882																		
Integrated DC KW-HRS	1.6240512																		
Manufacturer Fuel Economy	21.7177631																		
Charge Depleting Bag/Phase #4																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>399.1393058</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0</td></tr><tr><td>Integrated DC KW-HRS</td><td>97.0090514</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.3045598</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	399.1393058	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	97.0090514	Manufacturer Fuel Economy	24.3045598		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	399.1393058																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	97.0090514																		
Manufacturer Fuel Economy	24.3045598																		
Charge Depleting Bag/Phase #5																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4505947</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.189</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.898</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.86</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.5370152</td></tr><tr><td>Manufacturer Fuel Economy</td><td>20.6294294</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4505947	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.189	Drive Trace Energy Economy Rating	1.898	Drive Trace Inertia Work Ratio Rating	2.86	Integrated DC KW-HRS	1.5370152	Manufacturer Fuel Economy	20.6294294		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4505947																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.189																		
Drive Trace Energy Economy Rating	1.898																		
Drive Trace Inertia Work Ratio Rating	2.86																		
Integrated DC KW-HRS	1.5370152																		
Manufacturer Fuel Economy	20.6294294																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VMBXV00.0ED5	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.2390005</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>4.564</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.309</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>5.36</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.0811151</td></tr><tr><td>Manufacturer Fuel Economy</td><td>20.3253738</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.2390005	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	4.564	Drive Trace Energy Economy Rating	1.309	Drive Trace Inertia Work Ratio Rating	5.36	Integrated DC KW-HRS	2.0811151	Manufacturer Fuel Economy	20.3253738		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.2390005																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	4.564																		
Drive Trace Energy Economy Rating	1.309																		
Drive Trace Inertia Work Ratio Rating	5.36																		
Integrated DC KW-HRS	2.0811151																		
Manufacturer Fuel Economy	20.3253738																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.4542055</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>3.733</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>3.106</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>6.235</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.5662605</td></tr><tr><td>Manufacturer Fuel Economy</td><td>21.0117702</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.4542055	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	3.733	Drive Trace Energy Economy Rating	3.106	Drive Trace Inertia Work Ratio Rating	6.235	Integrated DC KW-HRS	1.5662605	Manufacturer Fuel Economy	21.0117702		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.4542055																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	3.733																		
Drive Trace Energy Economy Rating	3.106																		
Drive Trace Inertia Work Ratio Rating	6.235																		
Integrated DC KW-HRS	1.5662605																		
Manufacturer Fuel Economy	21.0117702																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>92.8433003</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0</td></tr><tr><td>Integrated DC KW-HRS</td><td>22.4260618</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.1547443</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	92.8433003	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0	Drive Trace Energy Economy Rating	0	Drive Trace Inertia Work Ratio Rating	0	Integrated DC KW-HRS	22.4260618	Manufacturer Fuel Economy	24.1547443		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	92.8433003																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0																		
Drive Trace Energy Economy Rating	0																		
Drive Trace Inertia Work Ratio Rating	0																		
Integrated DC KW-HRS	22.4260618																		
Manufacturer Fuel Economy	24.1547443																		
Manufacturer Test Comments	Tire Size: 264/40R21																		
Fuel Properties																			

Certification Summary Information Report

Test Group		VMBXV00.0ED5			Evaporative/Refueling Family			--	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 4 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
120,000 miles	CREE	--	--	--	--	--	--	0	999
150,000 miles	CO	--	--	--	--	--	--	0	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			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
120,000 miles	CREE	--	--	--	--	--	--	0	999
150,000 miles	CO	--	--	--	--	--	--	0	0.0
Cert Region		Federal			Cert/In-Use Code			Both	
Vehicle Class		LDV/Passenger Car			Standard Level			Federal Tier 4 Bin 0	
Fuel		Electricity			Test Procedure			CVS 75 and later (w/o can. load)	
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		LDV/Passenger Car			Standard Level			California ZEV	
Fuel		Electricity			Test Procedure			CVS 75 and later (w/o can. load)	
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		VMBXV00.0ED5	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		VMBXV00.0ED5	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		VMBXV00.0ED5	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		VMBXV00.0ED5	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	

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 01/14/2026

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

MBX

Manufacturer Name *

Mercedes-Benz USA

Contact Name *

Brandin Benson

Contact Email Address *

brandin.b.benson@mbusa.com

Contact Phone *

5515797969

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 *

VMBXV00.0ED5

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 Wire

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.

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