



VINFAST

November 21, 2025

Mr. Dan Cullen  
Vehicle Programs and Compliance Division  
Environmental Protection Agency  
2000 Traverwood Drive  
Ann Arbor, MI 48105

Subject: Request for issuance of a new Certificate of Conformity for the 2027 Model Year  
VinFast Test Group VVTPV00.07PL

Dear Mr. Cullen,

Enclosed please find the 2027 Model Year VinFast Part 1 certification application for test group VVTPV00.07PL. This test group is a complete carry-over from the 2025 model year test group SVTPV00.07PL.

VinFast believes that this test group complies with all applicable regulations contained in 40 CFR, and Title 13 of The California Code of Regulations, including the provisions of 40 CFR Parts 85, 86, and 600.

Vehicle Category:	Light Duty Vehicle <8500 lbs GVW
Durability Group:	VVTPEEVNNLPL
Test Group:	VVTPV00.07PL
OBD Group:	NA
Applicable Standards:	Federal T3B0, California LEV 3 ZEV
Carline covered by this certificate:	VinFast VF7 Plus

Your review and issuance of The Certificate of Conformity will be greatly appreciated. If you have any questions, please contact me or Mac Yousry (714 974 3708) of Global Vehicle Services Corp.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Pham Thi Anh Hong'.

Pham Thi Anh Hong  
Director of Homologation Center  
VinFast Trading and Production JSC



# EPA PART 1 APPLICATION

VINFAST TRADING AND PRODUCTION JOINT  
STOCK COMPANY  
(VINFAST)  
2027 MODEL YEAR

TEST GROUP: VVTPV00.07PL

DURABILITY GROUP: VVTPEEVNNLPL

All electric vehicle

Vehicle Class: Light duty vehicle LDV (LDT) (GVW<8000 lbs.)

Federal exhaust and evaporative emission standards: T3-BIN0 (Tier 3 Compliant)

California exhaust and evaporative emission standards: LEVIII-ZEV

Test vehicle: LS-05/Configuration: 0

Carlines Covered: VF7 Plus

Requested response date: January 20, 2026

Manufacturer contact name: Pham Thi Anh Hong  
Telephone: (+84) 945 968119  
email: v.hongpta@vinfast.vn

Dec. 18, 2025

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## **1. Correspondence and Communications**

### **1.1 Company Address**

VinFast Trading and Production Joint Stock Company  
Dinh Vu - Cat Hai Economic Zone  
Cat Hai Island Cat Hai Town  
Cat Hai District  
Hai Phong City, Vietnam

### **1.2 Primary contacts**

For questions call:

Pham Thi Anh Hong  
U.S. Homologation Manager  
(+84) 945 968119  
[v.hongpta@vinfast.vn](mailto:v.hongpta@vinfast.vn)

Mac Yousry  
2027 MY Certification Consultant  
Global Vehicle Services Corporation  
1892 N. Main St.  
Orange, CA 92865  
714-974-3708  
[myousry@usgvs.com](mailto:myousry@usgvs.com)

US agent of service as required by 86.1844(d)(17)

Aleksandar Krezovic  
VinFast Auto, LLC  
12777 W. Jefferson Blvd., Suite 101-A  
Los Angeles, CA 90066  
248-296-1853  
[Aleks.krezovic@vinfastauto.com](mailto:Aleks.krezovic@vinfastauto.com)

## 2. Durability Group

### 2.1. Description

All vehicles contained in this durability group are all-electric and equipped with the same motors and inverters.

All vehicles contained in this durability group are equipped with the same high voltage battery.

The motors used in all VF7 Plus models are identical with a 130 kW power output per motor for a total output of 260 kW.

All vehicles are all-wheel-drive (AWD).

Name:	VVTPEEVNNLPL
Engine type:	Electric (3-Phase AC permanent magnet synchronous motor)
Fuel used:	Electricity
Basic fuel metering system:	Electric
Catalyst construction and location:	NA
Precious metals in catalyst:	NA
Precious metal loading:	NA
Range of catalyst grouping statistics:	NA

## **3.0. Evaporative/Refueling Family**

### **3.1. Description**

The vehicles are all-electric and not equipped with an evaporative/refueling emission control system

## **4.0. Durability information**

### **4.1. Durability group description**

All vehicles contained in this durability group are all electric and, based on good engineering judgment, will meet all applicable exhaust and evaporative emission standards throughout their useful life.

The VF7 Plus propulsion system consist of a High Voltage Battery Pack, Electric Motor/Inverter and Gearbox. The electric motor is connected directly to the rear axle via a gearbox.

## 5.0. Test group

### 5.1. Description

There is one vehicle model in this test group, the VF7 Plus model.

The VF7 Plus is a multipurpose passenger vehicle. The emission data vehicle (EDV) tested represents the only model in this test group.

	<b>VF7 Plus</b>
Range (MCT)	
Driveline	AWD
Tires	
ETW (lb)	5250
Target A,B, C coefficients per SAE J2263	

Electric motor: 3-Phase AC permanent magnet synchronous motor

Electric motor power: 260 kW (total)

Operating voltage:

Battery capacity:

Battery technology:

Vehicle class:

Sales regions: Federal and California

Federal emission standard: Tier 3 - BIN 0 (T3B0)

California emission standard: ZEV

### 5.2. Test locations

### **5.2.1 - Mileage accumulation**

### **5.2.2 - Coast down**

### **5.2.3. - All-Electric-Range**

## **5.3. Test procedures**

### **5.3.1. - Coast down**

Coast down test for road load data acquisition was done in accordance to SAE J2263.

### **5.3.2 - All-Electric-Range**

All electric range testing was performed in accordance with the 2017 SAE J1634 provisions using a 65 mph speed for the constant speed cycles.

## **5.4. Test results**

### **5.4.1 - Coastdown**

### **5.4.2 - All-Electric-Range**

See enclosed All-Electric-Range test report.

## **5.5. Labels**

### **5.5.1. Vehicle Emission Control System (VEC)**

Located under the hood.

<b>VEHICLE EMISSION CONTROL INFORMATION</b>	
VF logo	VINFEST TRADING AND PRODUCTION JOINT STOCK COMPANY
TEST GROUP: VVTPV00.07PL	
MOTOR: AC SYNCHRONOUS PERMANENT MAGNET	
THIS VEHICLE CONFORMS TO US EPA FEDERAL TIER 3 BIN 0 AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 2027 MODEL YEAR ZEV LIGHT DUTY VEHICLE	

### **5.5.2 Fuel economy label**

## Certification Summary Information Report

<b>Manufacturer</b>	VinFast Trading and Production Joint Stock Company	<b>Manufacturer Code</b>	VTP
<b>Test Group</b>	VVTPV00.07PL	<b>Evaporative/Refueling Family</b>	--
<b>Certificate Number</b>	--	<b>CARB Executive Order #</b>	--
<b>Certificate Issue Date</b>	--	<b>Certificate Revision Date</b>	--
<b>Certificate Effective Date</b>	--	<b>Conditional Certificate</b>	--
<b>CSI Revision #</b>	--	<b>CSI Submission/Revision Date</b>	12/01/2025 06:51:19 PM
<b>Model Year</b>	2027		

**Test Group Information**

<b>CSI Type</b>	New	<b>Running Change Reference Number</b>	--
<b>GHG Exempt Status</b>	Not Exempt		

**Drive Sources and Fuel(s)**

<b>Drive Source #1:</b>	Electric Motor
<b>Fuel</b>	<b>Basic Fuel Metering System</b>

Electricity	--	--
-------------	----	----

<b>Hybrid Indicator</b>	No		
<b>Multiple Fuel Storage</b>	--	<b>Rechargeable Energy Storage System Indicator</b>	Yes
<b>Multiple Fuel Combustion</b>	--	<b>Off-board Charge Capable Indicator</b>	Yes
<b>Fuel Cell Indicator</b>	No	<b>EPA Vehicle Class</b>	LDT2
<b>Federal Clean Fuel Vehicle</b>	Yes	<b>Federal Clean Fuel Vehicle Standard</b>	ZEV
<b>Federal Clean Fuel Vehicle ILEV</b>	Yes	<b>California Partial Zero Emissions Vehicle Indicator</b>	--
<b>Durability Group Name</b>	VVTPEEVNNLPL	<b>Durability Group Equivalency Factor</b>	1
<b>Reduced Fee Test Group</b>	No	<b>Certification Region Code(s)</b>	FA, CA
<b>Complies with HD GHG 2b/3 regulations?</b>	No		
<b>Introduction into Commerce Date</b>	--	<b>CAP2000 Conditional Certificate?</b>	N/A
<b>Independent Commercial Importer?</b>	--	<b>Alternative Fuel Converter Certificate?</b>	--
<b>SFTP Federal Composite Compliance Identifier</b>	Not Applicable	<b>SFTP Tier 2 Composite CO Option</b>	--
<b>SFTP LEV-III Composite Compliance Indicator</b>	No		
<b>OBD Compliance Type</b>	CARB	<b>OBD Demonstration Vehicle Test Group</b>	VVTPV00.07PL
<b>Test Group OBD Compliance Level</b>	Full - no deficiencies	<b>Number of Test Group OBD Deficiencies</b>	0
<b>OBD Deficiencies Comments</b>	Electric vehicle		
<b>Mfr Test Group Comments</b>	VF 7 PLUS BEV 2-cycle MCT testing per 2017 SAE J1634 procedures		
<b>Mfr Exhaust / Evap Standards Comments</b>	--		

## Certification Summary Information Report

Test Group	VVTPV00.07PL		Evaporative/Refueling Family				--				
<b>Models Covered by this Certificate</b>											
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup				
VinFast Trading and Production Joint Stock Company	1 - Hai Phong manufacturing plant	8 - VF 7 Plus	Federal	All Wheel Drive	Automatic	1	No				
VinFast Trading and Production Joint Stock Company	1 - Hai Phong manufacturing plant	8 - VF 7 Plus	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No				
<b>Engine Description</b>											
Hybrid Type	--	<b>Hybrid Description</b>		--							
Engine Type	--	<b>Mfr Engine Description</b>		--							
Engine Block Arrangement	--	<b>Mfr Engine Block Arrangement Description</b>		--							
Camless Valvetrain Indicator	--	<b>Oil Viscosity/Classification</b>		--							
Number of Cylinders/Rotors	--	<b>Mechanically Variable Compression Ratio Indicator</b>		--							
<b>After Treatment Device(s) (ATD)</b>											
Mfr After Treatment Device (ATD)	--			--							
Comments	--			--							
Direct Ozone Reduction (DOR) Device	--			--							
Mfr Emission Control Device Comments	--			--							
<b>Official Test Numbers</b>											
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	VVTPV00.07PL	Evaporative/Refueling Family	--
<b>Hybrid Electric Vehicle And Fuel Cell Information</b>			
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	396	Battery Energy Capacity	202
Battery Specific Energy	168	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 3 Phase Permanent Magnet	Rated Motor/Generator Power	260
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	--		

## Certification Summary Information Report

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--																							
<b>Emission Data Vehicle Information</b>																										
Vehicle ID / Configuration	LS-05 / 0	Manufacturer Vehicle Configuration Number	0																							
Original Test Group Name	SVTPV00.07PL	Original Evaporative/Refueling Family	--																							
Original Test Vehicle Model Year	2025																									
<b>Vehicle Model</b>																										
Represented Test Vehicle Make	VinFast	Represented Test Vehicle Model	VF 7 Plus																							
<b>Leak Family Details</b>																										
Leak Family Identifier	--	Leak Family Name	--																							
<b>Drive Sources and Fuel System Details</b>																										
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> </thead> <tbody> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </tbody> </table>				Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity																	
Drive Source and Fuel#	Drive Source	Fuel																								
1	Electric Motor	Electricity																								
Hybrid Indicator	No																									
Multiple Fuel 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	237	Odometer Correction Factor	1																							
Odometer Correction Sign	- = System Miles is equal to (Test odometer reading - Initial system miles) * Correction factor																									
Odometer Correction Units	Miles																									
Engine Code	CATL	Rated Horsepower	260																							
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)	4886	Equivalent Test Weight (pounds)	5250																							
GVWR (lbs)	5879	N/V Ratio	144																							
Axle Ratio	9.99																									
Transmission Type	Automatic	# of Transmission Gears	1																							
Transmission Lockup	No	Creeper Gear	No																							
<b>Dynamometer Coefficients:</b>																										
<table border="1"> <thead> <tr> <th colspan="3">Target Coefficients</th><th colspan="3">Set Coefficients</th><th>EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</th></tr> <tr> <th>Coefficient Category</th><th>A (lbf)</th><th>B (lbf/mph)</th><th>C (lbf/mph**2)</th><th>A (lbf)</th><th>B (lbf/mph)</th><th>C (lbf/mph**2)</th></tr> </thead> <tbody> <tr> <td>City/Highway/Evap</td><td>38.56</td><td>0.7579</td><td>0.017277</td><td>-5.31</td><td>0.2603</td><td>0.01851</td><td>16</td></tr> </tbody> </table>					Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	City/Highway/Evap	38.56	0.7579	0.017277	-5.31	0.2603	0.01851	16
Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients																				
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)																				
City/Highway/Evap	38.56	0.7579	0.017277	-5.31	0.2603	0.01851	16																			
Emission Control Device Comments		BEV																								

**Certification Summary Information Report**

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	--		

## Certification Summary Information Report

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--
Test #	SVTP10086848	Test Procedure	84 - Charge Depleting Highway
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/10/2024	Fuel	Electricity
Fuel Batch ID	2	Fuel Calibration Number	2
Vehicle Class	LDT2 (LWV 3751-5750, GVW 0-6000)	DF Type	EPA Assigned
Verify Test Lab ID	FEV North America		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3005	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
<b>PHEV/EV Charge Depleting Test Information</b>			
Recharge Event Voltage	220	Recharge Event Energy (kiloWatt-hours)	92.035
Charge Depleting Range (Calculated miles)	288.31	Charge Depleting Range (Actual miles)	288.31
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	288.31
Number of Charge Depleting Bags/Phases Conducted	1	Transition Bag/Phase Number	--
<b>Charge Depleting Bag/Phase #1</b>			
Test Result/Emission Name	Unrounded Test Result		
Actual Distance Driven (miles)	288.31		
Carbon Monoxide	0		
Carbon dioxide	0		
Carbon-Related Exhaust Emissions	0		
Drive Trace Absolute Speed Change Rating	6.2		
Drive Trace Energy Economy Rating	0.09		
Drive Trace Inertia Work Ratio Rating	16.5		
Integrated DC KW-HRS	76.699		
Manufacturer Fuel Economy	126.7		
Nitrogen Oxide	0		
Non-methane organic gases	0		
Non-methane organic gases plus Nitrogen Oxides	999.999		
Particulate Matter	0		
System End State of Charge Watt-hours	0		
System Start State of Charge Watt-hours	100		

## Certification Summary Information Report

Test Group		VVTPV00.07PL		Evaporative/Refueling Family						--			
Manufacturer Test Comments				Test results based on 2017 SAE J1634 2-Cycle derived MCT AC Recharge Energy 92035.00 Wh / DC Energy data HFEDS1 = 270.03 Wh/mi; HFEDS2 = 262.03 Wh/mi HFEDS1 = 2757.82 Wh DC UBE = 76699.28 Wh									
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor		Add DF	Mult DF	Certification Level	Standard	Pass/Fail
							--	--					
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0.0	--	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CO	0.0	--	--	--	--	0	--	0	0	Pass
CA	150,000 miles	California ZEV	CREE	0	--	--	--	--	0	--	0	--	--

## Certification Summary Information Report

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--
Test #	<b>SVTP10086849</b>	Test Procedure	<b>81 - Charge Depleting UDDS</b>
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/10/2024	Fuel	Electricity
Fuel Batch ID	2	Fuel Calibration Number	2
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	DF Type	EPA Assigned
Verify Test Lab ID	FEV North America		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3005	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	No		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
<b>PHEV/EV Charge Depleting Test Information</b>			
Recharge Event Voltage	220	Recharge Event Energy (kiloWatt-hours)	92.035
Charge Depleting Range (Calculated miles)	316.29	Charge Depleting Range (Actual miles)	316.29
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	316.29
Number of Charge Depleting Bags/Phases Conducted	1	Transition Bag/Phase Number	--
<b>Charge Depleting Bag/Phase #1</b>			
Test Result/Emission Name	<b>Unrounded Test Result</b>		
Actual Distance Driven (miles)	316.29		
Carbon Monoxide	0		
Carbon dioxide	0		
Carbon-Related Exhaust Emissions	0		
Drive Trace Absolute Speed Change Rating	6.2		
Drive Trace Energy Economy Rating	0.09		
Drive Trace Inertia Work Ratio Rating	16.5		
Integrated DC KW-HRS	76.699		
Manufacturer Fuel Economy	135.9		
Nitrogen Oxide	0		
Non-methane organic gases	0		
Non-methane organic gases plus Nitrogen Oxides	999.999		
Particulate Matter	0		
System End State of Charge Watt-hours	0		
System Start State of Charge Watt-hours	100		

## Certification Summary Information Report

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--									
<b>Manufacturer Test Comments</b>		Test results based on 2017 SAE J1634 2-Cycle derived MCT AC Recharge Energy 92035.00 Wh / DC Energy data UDDS1 = 269.24 Wh/mi; UDDS2 = 248.79 Wh/mi; UDDS3 = 238.47 Wh/mi; UDDS4 = 238.08 Wh/mi; UDDS weighted = 248.6 Wh/mi; UDDS1 = 2007.2 Wh DC UBE = 76699.28 Wh										
<b>Certification Region</b>												
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 3 Bin 0	CO	0.0	--	--	--	0	--	0	0	Pass
Fed	150,000 miles	Federal Tier 3 Bin 0	CREE	0	--	--	--	0	--	0	--	--
CA	150,000 miles	California ZEV	CO	0.0	--	--	--	0	--	0	0	Pass
CA	150,000 miles	California ZEV	CREE	0	--	--	--	0	--	0	--	--

## &lt;div[](img/001\_FuelProperties.png)

<b>Fuel Batch ID</b>	<b>2</b>	<b>Fuel Calibration Number</b>	<b>2</b>
<b>Test Fuel Type</b>	62 - Electricity	<b>Fuel Batch Calibration Date</b>	05/01/2024
<b>Fuel Batch Calibration Effective Date</b>	05/01/2024	<b>Fuel Batch Calibration Ineffective Date</b>	05/01/2025
<b>Carbon Weight Fraction NMHC</b>	--	<b>Carbon Weight Fraction HC</b>	--
<b>Exhaust Carbon Weight Fraction</b>	--	<b>Fuel Methanol Volume Fraction</b>	--
<b>Fuel Density (grams/cubic ft)</b>	--	<b>Fuel Specific Gravity</b>	--
<b>Fuel Ethanol Volume Percent (%)</b>	--	<b>Fuel Net Heating Value / Fuel Net Heat of Combustion (E0) (BTU/lb)</b>	--
<b>Fuel Net Heat of Combustion (E10) (MJ/kg)</b>	--	<b>Fuel Carbon Mass Fraction (E10)</b>	--
<b>Fuel Blend Carbon Weight Fraction / Fuel Carbon Mass Fraction (E0)</b>	--	<b>Weight Fraction CO2</b>	--

## Certification Summary Information Report

Test Group		VVTPV00.07PL		Evaporative/Refueling Family		--							
<b>Consolidated List of Standards</b>													
<b>Exhaust Standards</b>													
Cert Region		California + CAA Section 177 states		Cert/In-Use Code		Cert							
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)		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				
Cert Region		Federal		Cert/In-Use Code		Cert							
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)		Standard Level		Federal Tier 3 Bin 0							
Fuel		Electricity		Test Procedure		Charge Depleting Highway							
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std				
150,000 miles	CO	--	--	--	--	--	--	0	0				
150,000 miles	CREE	--	--	--	--	--	--	0	0				
Cert Region		California + CAA Section 177 states		Cert/In-Use Code		Cert							
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)		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	CO	--	--	--	--	--	--	0	0				
150,000 miles	CREE	--	--	--	--	--	--	0	0				
Cert Region		California + CAA Section 177 states		Cert/In-Use Code		Cert							
Vehicle Class		LDT2 (LVW 3751-5750, GVW 0-6000)		Standard Level		California ZEV							
Fuel		Electricity		Test Procedure		Charge Depleting Highway							
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std				
150,000 miles	CO	--	--	--	--	--	--	0	0				
150,000 miles	CREE	--	--	--	--	--	--	0	0				

## Certification Summary Information Report

Test Group		VVTPV00.07PL			Evaporative/Refueling Family				--		
Cert Region	Federal	Cert/In-Use Code				Cert					
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	Standard Level				Federal Tier 3 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	Federal	Cert/In-Use Code				Cert					
Vehicle Class	LDT2 (LVW 3751-5750, GVW 0-6000)	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	CO	--	--	--	--	--	--	--	0	0	
150,000 miles	CREE	--	--	--	--	--	--	--	0	0	

## Certification Summary Information Report

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--
<b>Glossary</b>			
<b>Useful Life</b>			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
<b>Emission Name</b>			
HC-TOTAL	Total Hydrocarbon	AS-VOLT	Average System Voltage
CO	Carbon Monoxide	CO2 BAG 1	Bag 1 Carbon Dioxide
CO2	Carbon dioxide	CO2 BAG 2	Bag 2 Carbon Dioxide
CREE	Carbon-Related Exhaust Emissions	CO2 BAG 3	Bag 3 Carbon Dioxide
OPT-CREE	Optional Carbon-Related Exhaust Emissions	CO2 BAG 4	Bag 4 Carbon Dioxide
NOX	Nitrogen Oxide	NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides
PM	Particulate Matter	NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides
PM-COMP	SFTP Composite Particulate Matter	DT-IWRR	Drive Trace Inertia Work Ratio Rating
HC-NM	Non-methane Hydrocarbon	DT-ASCR	Drive Trace Absolute Speed Change Rating
OMHCE	Organic material Hydrocarbon Equivalent	DT-EER	Drive Trace Energy Economy Rating
OMNMHCE	Organic material non-methane HC equivalent	COMB-CREE	Combined Carbon-Related Exhaust Emissions
NMOG	Non-methane organic gases	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
HCHO	Formaldehyde	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
H3C2HO	Acetaldehyde	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	LEAK-DIA	Effective Leak Diameter (inches)
CO-COMP	SFTP Composite Carbon Monoxide	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
ETHANOL	C2H5OH - Ethanol	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
FE BAG 1	Bag 1 Fuel Economy	KW-HRS	Integrated DC KW-HRS
FE BAG 2	Bag 2 Fuel Economy	CH4 BAG 1	Bag 1 Methane
FE BAG 3	Bag 3 Fuel Economy	CH4 BAG 2	Bag 2 Methane
FE BAG 4	Bag 4 Fuel Economy	CH4 BAG 3	Bag 3 Methane
MFR FE	Manufacturer Fuel Economy	CH4 BAG 4	Bag 4 Methane
HC	Hydrocarbon for Running Loss and ORVR	CO BAG 1	Bag 1 Carbon Monoxide
METHANE	CH4 - Methane	CO BAG 2	Bag 2 Carbon Monoxide
METHANOL	CH3OH - Methanol	CO BAG 3	Bag 3 Carbon Monoxide
N2O	Nitrous Oxide	CO BAG 4	Bag 4 Carbon Monoxide
SPITBACK	Spitback Hydrocarbon in grams	NMOG BAG 1	Bag 1 Non-methane organic gases
AMP-HRS	Integrated Amp-hours	NMOG BAG 2	Bag 2 Non-methane organic gases
START-SOC	System Start State of Charge Watt-hours	NMOG BAG 3	Bag 3 Non-methane organic gases
END-SOC	System End State of Charge Watt-hours	NMOG BAG 4	Bag 4 Non-methane organic gases
ACT-DISTANCE	Actual Distance Driven (miles)		
<b>Certification Region</b>			

## Certification Summary Information Report

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--
CA	California + CAA Section 177 states	FA	Federal
<b>Exhaust Emission Standard Level</b>			
B1	Federal Tier 2 Bin 1	T3B160	Federal Tier 3 Bin 160
B2	Federal Tier 2 Bin 2	T3B125	Federal Tier 3 Bin 125
B3	Federal Tier 2 Bin 3	T3B110	Federal Tier 3 Transitional Bin 110
B4	Federal Tier 2 Bin 4	T3B85	Federal Tier 3 Transitional Bin 85
B5	Federal Tier 2 Bin 5	T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover
B6	Federal Tier 2 Bin 6	T3B70	Federal Tier 3 Bin 70
B7	Federal Tier 2 Bin 7	T3B50	Federal Tier 3 Bin 50
B8	Federal Tier 2 Bin 8	T3B30	Federal Tier 3 Bin 30
B9	Federal Tier 2 Bin 9	T3B20	Federal Tier 3 Bin 20
B10	Federal Tier 2 Bin 10	T3B0	Federal Tier 3 Bin 0
B11	Federal Tier 2 Bin 11	HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HDV2B250	Federal Tier 3 HD Class 2b Bin 250
L2	California LEV-II LEV	HDV2B200	Federal Tier 3 HD Class 2b Bin 200
L2OP	California LEV-II LEV Optional	HDV2B170	Federal Tier 3 HD Class 2b Bin 170
U2	California LEV-II ULEV	HDV2B150	Federal Tier 3 HD Class 2b Bin 150
S2	California LEV-II SULEV	HDV2B0	Federal Tier 3 HD Class 2b Bin 0
ZEV	California ZEV	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630
OT	Other	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570
T1	Federal Tier 1	HDV3B400	Federal Tier 3 HD Class 3 Bin 400
PZEV	California PZEV	HDV3B270	Federal Tier 3 HD Class 3 Bin 270
L2LEV160	California LEV-II LEV160	HDV3B230	Federal Tier 3 HD Class 3 Bin 230
L2ULEV125	California LEV-II ULEV125	HDV3B200	Federal Tier 3 HD Class 3 Bin 200
L2SULEV30	California LEV-II SULEV30	HDV3B0	Federal Tier 3 HD Class 3 Bin 0
L2LEV395	California LEV-II LEV395	L4SULEV100	California LEV-IV SULEV100
L2ULEV340	California LEV-II ULEV340	L4SULEV125	California LEV-IV SULEV125
L2LEV630	California LEV-II LEV630	L4SULEV15	California LEV-IV SULEV15
L2ULEV570	California LEV-II ULEV570	L4SULEV150	California LEV-IV SULEV150
L3LEV160	California LEV-III LEV160	L4SULEV170	California LEV-IV SULEV170
L3ULEV125	California LEV-III ULEV125	L4SULEV175	California LEV-IV SULEV175
L3ULEV70	California LEV-III ULEV70	L4SULEV20	California LEV-IV SULEV20
L3ULEV50	California LEV-III ULEV50	L4SULEV200	California LEV-IV SULEV200
L3SULEV30	California LEV-III SULEV30	L4SULEV230	California LEV-IV SULEV230
L3SULEV20	California LEV-III SULEV20	L4SULEV25	California LEV-IV SULEV25
L3LEV395	California LEV-III LEV395	L4SULEV30	California LEV-IV SULEV30
L3ULEV340	California LEV-III ULEV340	L4SULEV75	California LEV-IV SULEV75
L3ULEV250	California LEV-III ULEV250	L4SULEV85	California LEV-IV SULEV85
L3ULEV200	California LEV-III ULEV200	L4ULEV125	California LEV-IV ULEV125

## Certification Summary Information Report

Test Group	VVTPV00.07PL	Evaporative/Refueling Family	--
L3SULEV170	California LEV-III SULEV170	L4ULEV200	California LEV-IV ULEV200
L3SULEV150	California LEV-III SULEV150	L4ULEV250	California LEV-IV ULEV250
L3LEV630	California LEV-III LEV630	L4ULEV270	California LEV-IV ULEV270
L3ULEV570	California LEV-III ULEV570	L4ULEV40	California LEV-IV ULEV40
L3ULEV400	California LEV-III ULEV400	L4ULEV400	California LEV-IV ULEV400
L3ULEV270	California LEV-III ULEV270	L4ULEV50	California LEV-IV ULEV50
L3SULEV230	California LEV-III SULEV230	L4ULEV60	California LEV-IV ULEV60
L3SULEV200	California LEV-III SULEV200	L4ULEV70	California LEV-IV ULEV70
<b>Transmission Type Code</b>			
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)
<b>Drive System Code</b>			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive
F	2-Wheel Drive, Front	A	All Wheel Drive
R	2-Wheel Drive, Rear		
<b>Additional Terms and Acronyms</b>			
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

## 6.0. Test vehicle description

This test group contains one vehicle model (VF7 Plus).

Test group:	VVTPV00.07P
Test vehicle number/configuration:	LS-05/ 0
Vehicle Make:	VinFast
Vehicle Model:	VF7 Plus
Vehicle Drive Source:	Electric motor
Power:	260 kW total
Fuel:	Electric
Off-Board-Charging capable:	Yes
Engine Code:	
Transmission type:	Automatic
Number of gears:	1
Equivalent test weight:	5250 lbs
Axle ratio:	
Vehicle drive mode setting:	Normal
Vehicle regen. setting:	High
Vehicle Creep setting:	On
SIL usage:	No
Aged emission components:	Whole vehicle
Certification Summary Sheet:	Included

## 7.0. Test results

## 8.0. Statements

All applicable vehicles will conform to the emission standards for which emission data is not being provided.

All vehicles will conform to EPA Federal Tier 3 Bin 0 (T3B0) and State of California regulations applicable to 2027 model year Zero emission vehicles.

#### 9.0. Emission Control System On-Board Diagnostic (OBD)

The vehicle is all electric and exempt from OBD requirements.

## 10.0. Alternate fuel vehicles

There are no alternate fuel vehicles contained in this test group

## 11.0. Auxiliary emission control devices (AECD)

Vehicles contained in this test group are not equipped with any auxiliary emission control devices (AECD).

## 12.0. Description of vehicles covered by certificate

Carline: VinFast  
Model name: VF7 Plus  
Vehicle classification:  
Emission control system: NA  
Engine code:  
Number of valves per cylinder: NA  
Engine displacement:  
Sales area: Federal/California  
Transmission: Automatic  
Overdrive: No  
SIL: No  
Tire sizes: 245/45R20  
N/V:

Air conditioning: Yes  
Fuel fired heater: No

GVWR:

Curb weight:

ETW: 5250 lb

Coast down method: SAE J2263

Dynamometer RLHP target coefficients: A:  
B:  
C:

RLHP@50 mph total

Dynamometer: 4WD

Fuel tank volume: NA

Regenerative braking: Yes

Number of motors: 1

Motor size: 260 kW (Total)

Horsepower: 260 kW (Total)

Driveline: AWD

Nominal battery capacity:

Total battery capacity:

Nominal battery voltage:

### **12.1. Engine starting procedure**

Enter vehicle using the Key Fob. Press on the brake pedal.

### **12.2 Shift schedule**

Single speed automatic transmission

### **12.3. Evaporative testing parameters**

Not applicable

### **12.4. Transmission test modes**

### **12.5. Advanced technology system test mode**

Active grille shutter activated automatically

### **12.6. Emission site cooling fan**

Road speed fan in front of vehicle

### **12.7. Test method**

Multi-Cycle Test (MCT-65) method with 2mph and 1.0 second drive cycle tolerance.

### **12.8 - Description of motor**

The vehicle is equipped with two electric motors, one driving the front wheels and one driving the rear wheels.

### **12.9 - Description of battery**

The vehicle is equipped with Lithium batteries located below the floor pan of the vehicle.

### **13.0. Projected sales (2025MY)**

Federal: VF7 Plus =

California: VF7 Plus =

Total: VF7 Plus =

**TEST GROUP: VVTPV00.07PL**

## **16.0. Charging procedure and capacity**

The charging procedure involves connecting a J1772 compatible CCS type 1 connector to the vehicle charge port.

From a user perspective determining the state of charge and capacity is performed by viewing the % SOC reading on the instrument panel.

Vehicle determines the state of charge and capacity by using a combination of current, voltage and temperature sensors that feed into an SOC determination algorithm within the BMS.