

Executive Order: A-040-0127

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

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Pursuant to the authority vested in California Air Resources Board by Health and Safety Code (HSC), Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

					TEST GRO	UP IN	IFOR	MATION					
MODE YEAR	- I TI	EST GROUP		VEHIC	LE CLASS(E	S)		FUEL CATEGORY			FUEL TYPE		
2025	SF	EXV06.5G50		PC DEDICATED SINGLE FUEL VEHICLE					4	GASOLINE			
ı	USEFUL	LIFE (miles)		VEH	IICLE EMISS	ION C	ATE	GORY	INTERIM / II	NTER	RMEDIATE IN-USE STD		
EXH	/ORVR	EVAP			FTP		SF	ТР	FTP		SFTP		
15	0000	150000	)	LEV3	ULEV50	LEV	3 CO	MPOSITE	*		*		
SPE	CIAL FE	EATURES & EX	HAUS		ON CONTRO	L		OBD S	TATUS	E	ENGINE DISPLACEMENT (L)		
1	D	FI, AIR, 2T	WC, 2	2HO2S(2)	2CGPF			FULL	ALL MODELS				
*			*			$\exists$	P	ARTIAL	*		6.5		
*	* *							TIAL WITH FINES	*	*			
		E	VAPO	RATIVE &	REFUELING	(EVA	P/OR	VR) FAMILY	/ INFORMATIO	N			
EVA	P / ORV	R FAMILY	EVA	PORATIVE	STD CATE	GORY	,	EVAP EMISSION STD VEHICLE CLASS SPECIAL FEATUR			SPECIAL FEATURES		
s	FEXR01	7512F	LE	EV 3 OPTI	ON2 WITH I	FEL	EL PC				*		
S	FEXR01	7512S	LI	V 3 OPT	ON2 WITH I	FEL		E	PC		*		
		<u>L</u>		ı	EMISSION CF	REDIT	INFO	RMATION					
	EDIT FO	X FLEET AVE. OR EXTENDED RRANTY			REDIT FOR NO ZERO-EVAP	ON-P	PZEV NMOG CREDIT FOR DOR		R	OPTIONAL EXH. STD FOR WORK TRUCKS			
		N			N				N		N		
				NMOG	AND FLEET	AVE	RAGE	INFORMA	TION				
NMOG RAF	CH4 RAF	FTP NMOG/NMHO RATIO		HO/NMHC RATIO	C NMOG+NOX FLE PC+LDT (0-375 (g/mi)			50 LVW) LDT (3751 LVW		0	NMOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)		
*	*	1.10		*	0	.051			0.051		*		

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations. (As applicable, heavy-duty vehicles (HDV) over 14,000 pounds in GVWR listed in this Executive Order are certified to the requirements in 13 CCR Section 1961.2 applicable to MDV pursuant to 13 CCR Section 1956.8(c)(3) or 13 CCR Section 1956.8(h)(5), as applicable.)



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### BE IT FURTHER RESOLVED:

The exhaust and evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's fleet average compliance requirement for NMOG+NOx or Vehicle Equivalent Credit (13 CCR Sections 1961.2(b)(1), 1961.2(b)(3), or 1961.2(c) (3), and the incorporated test procedures, as applicable), or Greenhouse Gas Emissions (13 CCR Section 1961.3, or 17 CCR Section 95663, and the incorporated test procedures, as applicable), for PC, LDT, MDPV or MDV shall be equalized as required.

#### BE IT FURTHER RESOLVED:

For the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed on this /2th day of June 2024.

Robin U. Lang, Chief

Johns Shi for

**Emissions Certification and Compliance Division** 

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# **ATTACHMENT**

# **EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS**

## EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP, HWFET, 50°F, 20°F)

CH4: methane; NMOG: non-CH4 organic gas; HC: hydrocarbon; NMHC: non-CH4 HC; CO: carbon monoxide; NOx: oxides of nitrogen; HCHO: formaldehyde; PM: particulate matter; RAF: reactivity adjustment factor; 2DHS/3DHS [g HC/test]: 2/3 days diurnal+hot-soak; RL [g HC/mi]: running loss; ORVR [g HC/gallon dispensed]: on-board refueling vapor recovery; g: gram; mg: milligram; mi: mile; K: 1000 miles; F: degrees Fahrenheit; FTP: federal test procedure; SFTP: supplemental FTP

### **FUEL TYPE**

			OG+NOx CO (g/mi) (g/mi)		_	NOx (g/mi)		HCHO (mg/mi)		PM (g/mi)	
		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
FTP@50K	*	*	*	*	*	*	*	*	*	*	*
FTP@UL	GASOLINE- TIER3 E10 PREM	0.033	0.050	0.4	1.7	*	*	*	4	0.000	0.003
50°F @4K	GASOLINE- TIER3 E10 PREM	0.051	0.100	0.47	1.7	*	*	*	16		

	FUEL TYPE	NMOG+N	Ox (g/mi)	CO (g/mi)		
	FUEL TIPE	CERT	STD	CERT	STD	
HWFET @ 50K	*	*	*			
HWFET @ UL	GASOLINE-TIER3 E10 PREM	0.022	0.050			
20°F @ 50K	COLD CO E10 PREMIUM GASOLINE (TIER3)			1.0	10.0	

### SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

			US06			SC03	3	COMPOSITE			
	FUEL TYPE		NMOG+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	NMOG+NOx (g/mi)	CO (g/mi)	NMOG+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	
@ 4K	*	CERT	*	*		*	*				
		STD	*	*		*	*				
		CERT	*	*	0	*	*	0.015	0.4	*	
@ UL	GASOLINE- TIER3 E10 PREM	STD	*	*	6	*	*	0.050	4.2	*	
		BIN						0.050			

#### WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

EVAPORATIVE FAMILY			WHOLE \						
	FUEL TYPE	3DH	S (g/test) (	D UL	2DI	HS (g/test) (	RL (g/mi) @ UL		
		CERT	STD	FEL	CERT	STD	FEL	CERT	STD
SFEXR017512F	GASOLINE- TIER3 E10 PREM	0.182	0.300	0.275	0.130	0.300	0.275	0.006	0.05
SFEXR017512S	GASOLINE- TIER3 E10 PREM	0.289	0.300	0.350	0.289	0.300	0.350	0.03	0.05



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ORVR / FUEL ONLY / CANISTER BLEED EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS													
		FUEL ONLY EVAP & CANISTER BLEED											
EVAPORATIVE FAMILY	ORVR (g	FUEL TYPE		3DHS R (g/test	2DHS RIG TEST (g/test) @ UL			BLEED CANISTER TEST (g/test) @ 4K					
	FUEL TYPE   CEF		STD			CERT	STD	CERT		STD	CERT	STD	
SFEXR017512F	GASOLINE- TIER3 E10 PREM	0.01	0.20	GASOLINE- TIER3 E10 PREM		*	*	*		*	0.007	0.020	
SFEXR017512S	GASOLINE- TIER3 E10 PREM	0.01	0.20	GASOLINE- TIER3 E10 PREM		*	*	*		*	0.010	0.020	
i i	EFFECTIVE	LEAK D	IAMET	ER STA	NDARI	D AND CE	RTIFICA	TION L	EVI	EL (INCH	IES)		
EVAPORATIVE FAMILY LEAK FAM			K FAMIL	_Y		CERT			STD				
SFEXR017512S SF			KR017512S-001		0.0002				0.02				
SFEXR0175	12F	SFEXR0	17512F	-001	0.0002				0.02				

: not applicable; #: pounds; UL: useful life; PC: passenger car; LDT: light-duty truck; LDT1: LDT<6000#GVWR,0-3750#LVW; LDT2: DT<6000#GVWR,3751-5750#LVW; LDT3: LDT 6001-8500#GVWR,3751-5750#ALVW; LDT4: LDT 6001-8500#GVWR,5751-8500#ALVW; MDV: medium-duty vehicle; MDV4: MDV 8501-10000#GVWR; MDV5: MDV 10001-14000#GVWR; MDPV: mediumduty passenger vehicle; HDV: heavy-duty vehicle; ECS: emission control system; CERT: certification; STD: standard; FEL: family emission limit; GVWR: gross vehicle weight rating; LVW: loaded vehicle weight; ALVW: adjusted LVW; LEV: low emission vehicle; ULEV: ultra LEV; SULEV: super ULEV; ZEV: zero-emission vehicle; TZEV: transitional ZEV; TWC/OC: 3-way/oxidizing catalyst; ADSTWC: adsorbing TWC; HAC: HC adsorbing catalyst; WU: warm-up catalyst; NAC: NOx adsorption catalyst; SCR-U or SCRC/SCR-N or SCRC-NH3: selective catalytic reduction-urea/ammonia: NH3OC: ammonia oxidation catalyst; CTOX/PTOX: continuous/periodic trap oxidizer; DPF: diesel particulate filter (active); GPF: PM filter for spark-ignited engine; cGPF (coated gasoline particulate filter); HO2S/O2S: heated/oxygen sensor; WR-HO2S or AFS: wide range/linear/heated air-fuel ratio sensor; NOXS: NOx sensor; PMS: PM sensor; RDQS: reductant quality sensor; NH3S: ammonia sensor; EGR: exhaust gas recirculation; HP/LP EGR: High/Low Pressure EGR; EGRC: EGR cooler; AIŘ/AIRE: secondary air injection (belt driven)/(electric driven); PAIR: pulsed AIR; SFI/MFI: sequential/multiport fuel injection; DFI/IFI: direct/indirect fuel injection; TC/SC: turbo/super charger; CAC: charge air cooler; FFH: fuel fired heater; F/P/\$: full/partial/partial with fines on-board diagnostic; DOR: direct ozone reducing; HCT: hydrocarbon trap; BCAN: bleed carbon canister; prefix 2: parallel; (2) suffix: series; a hyphen (-) between after treatment EČS indicates multiple functionalities of the after treatment device (ex. DPF-SCRC: SCR coated DPF); CNG/LNG: compressed/liquefied natural gas; LPG: liquefied petroleum gas; E85: "85%" ethanol ("15%"gasoline) fuel; E10: "10%" ethanol ("90%"gasoline) fuel; A: automatic (with lockup); M: manual transmission; SA: semi-automatic transmission; CV: continuously variable transmission; SCV: selectable continuously variable transmission: AM: automated manual transmission: AMS: automated manual-selectable transmission; OT: other transmission; AER: all-electric range; EAER: equivalent AER; PHEV: plug-in hybrid electric vehicle; NMOG + NOx Fleet Ave. Credit for Extended Warranty: N = no credits, Y = credits, S = credits for some/select models

# 2025 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD
FERRARI	F167 ABA	PC	6.5	AMS8	SFEXR017512F	1	F
FERRARI	FERRARI PUROSANGUE	PC	6.5	AMS8	SFEXR017512S	1	F