

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	NFOR	MATION					
MODE YEAF		EST GROUP	VEHICLE CLASS(ES)					FUEL CATEGORY			FUEL TYPE		
2025	5 S	KMXV02.5DP7			PC			DEDICATED SINGLE FUEL VEHICLE			GASOLINE		
USEFUL LIFE (miles) VEHICLE EMISSION								EGORY INTERIM / INTERMEDIATE IN-USE STD					
EXH	I/ORVR	EVAP		FTP SFTP				FTP		SFTP			
15	50000	150000	LEV3	ULEV70	LEV	3 CC	*						
SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS						L		OBD S	TATUS	EN	ENGINE DISPLACEMENT (L)		
1	DFI, SFI, WR-HO2S, HO2S, TWC, TC, CAC							FULL	ALL MODELS				
*	*							ARTIAL *			2.5		
*			*					TIAL WITH	*				
EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION													
EVAP / ORVR FAMILY EVAPORATIVE STD CATEGORY EVAP EMISSION STD VEHICLE CLASS SPECIAL FEATUR									ECIAL FEATURES				
1	skmxr0	131DPG		LEV 3	OPTION2			I	PC	HCT			
				E	EMISSION CI	REDIT	r info	ORMATION					
	REDIT F	OX FLEET AVE. OR EXTENDED RRANTY	1		EDIT FOR N ZERO-EVAP	ON-P	ZEV	NMOG CREDIT FOR DOR			OPTIONAL EXH. STD FOR WORK TRUCKS		
		N			N			N N					
				NMOG	AND FLEET	AVE	RAG		TION				
NMOG RAF	CH4 RAF	FTP NMOG/NMHC RATIO		O/NMHC ATIO	NMOG+NO PC+LDT ((g					NMOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)			
*	*	1.10		*	0	.030			0.030		*		

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.)



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 4th day of April 2024.

Kina Yacoukian for

Robin U. Lang, Chief Emissions Certification and Compliance Division



FUEL TYPE

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

		NMOG+NOx (g/mi)			C (g/I	-		NOx HCHO (g/mi) (mg/mi)			PM (g/mi)		
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
FTP@50K		*	*	*	*	*	*	*	*	*	*	*	
FTP@UL	GASOLINE- TIER3 E10		0.031	0.070	0.7	1.7	*	*	*	4	0.000	0.003	
50°F @4K		SOLINE- R3 E10	0.040	0.140	0.4	1.7	*	*	*	16			
					F		NN	IOG+N	Ox (g/mi)		CO (g/m	i)	
	FUEL TYPE					CE	RT	STD	CER	Т	STD		
HWFET @ 50K				*			*	*		*			
HWFET @ U			GASOI	LINE-TIEF	R3 E10		0.0)14	0.070				
20°F @ 50K		COLD	CO E10 R	EGULAR G	ASOLINE	(TIER3)	0.6					10.0	

SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

		351		INAU		122101	STANDA	1602		CERTIFIC	ATION LE	VELO					
					ι	JS06				SC03		С	OMPOS	ITE			
FUEL TYPE		NMOG+NOx		Ox	CO	PI	М	NMOG+NOx		СО	NMOG+NC)x C	0	PM			
			(g	g/mi)		(g/mi)	(mg	/mi)	(g/mi)	(g/mi)	(g/mi)	(g/	mi)	(mg/mi)		
@4K *		CERT	۲۲		*			*				*	*				
		STD		*		*				*	*						
		CERT		*		* 0)	*		*	0.027	0	.7	*		
		STD		*		*	e	5		*	*	0.050	0.050 4		*		
		BIN										0.070					
WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS																	
					W	HOLE VEHICLE EVAPORATIVE TESTING											
ORATIVE	VE FUEL TY		E	3DHS (g/		/test) @) UL		2DH	IS (g/test)	@ UL	F	RL (g/m	/mi) @ UL			
				CER	T S	STD	FEL	CEF	RT	STD	FEL	CE	RT		STD		
				0.18	6 0.	300	*	0.2	03	0.300	*	0.	01	L 0.05			
ORVR / FUE	EL O	ONLY / CA	ANIS	TER	BLEED	EVAP	ORATIVE	EMIS	SION	STANDA	RDS AND	CERTIFICA	TION L	EVE	LS		
								FU	JEL C	NLY EVA	P & CANIS	TER BLEE	D				
ORATIVE AMILY	ORVR (g/gallon) @ UL			FUEL TYPE					_		-		-		
	FUI	EL TYPE	CE	RT	STD			CEI	RT	STD	CERT	STD	CER	Г	STD		
R0131DPG			0.	01	0.20			*	•	*	*	*	0.00	4	0.020		
	* GASOLIN TIER3 E ORATIVE MILY 0131DPG DRVR / FUI ORATIVE MILY	* GASOLINE- TIER3 E10 WH ORATIVE ORATIVE ORATIVE ORVR / FUEL C ORATIVE	FUEL TYPE FUEL TYPE CERT GASOLINE- TIER3 E10 GASOLINE- ORATIVE ORATIVE CORVR / FUEL ONLY / CA ORATIVE ORATIVE CORVR / FUEL ONLY / CA ORATIVE ORATIVE CORVR (g/ ORATIVE CASOLINE CASOLINE CASOLINE CASOLINE CASOLINE	FUEL TYPE NMO (g (g) (g) (g) (g) (g) (g) (g) (g) (g)	FUEL TYPE NMOG+N (g/mi) * CERT * GASOLINE- TIER3 E10 CERT * GASOLINE- TIER3 E10 STD * BIN * BIN WHOLE VEHICLE EVA GASOLINE- LEV3 E10 0.18 ORATIVE MILY GASOLINE- LEV3 E10 0.18 ORATIVE MILY ORVR (g/gallon) @ ORATIVE MILY ORVR (g/gallon) @	FUEL TYPE Image: Center of the second s	US06NMOG+NOX (g/mi)COFUEL TYPECERT** $*$ STD**GASOLINE- TIER3 E10STD**WHOLE VERICLE EVAPORATIVE EWHOLE VEHICLE EVAPORATIVE EORATIVE MILYWHOLE VEHICLE EVAPORATIVE EORATIVE GASOLINE- LEV3 E100.1860.300ORVR / FUEL ONLY / CANISTER BLEED EVAPORVR (g/gallon) @ ULFUEL TYPEFUELORVR / FUEL ONLY / CANISTER BLEED EVAPORVR (g/gallon) @ ULFUEL TYPEFUELORVR (g/gallon) @ ULFUEL TYPECERTSTDORVR (g/gallon) @ ULFUEL TYPECERTSTD <td>US06 FUEL TYPE NMOG+NOx (g/mi) CO (g/mi) Pl (g/mi) * CERT * * STD * * * GASOLINE- TIER3 E10 STD * * 6 BIN * * 6 BIN * * 6 WHOLE VEHICLE EVAPORATIVE EMISSION ORATIVE MILY FUEL TYPE 3DHS (g/test) @ UL CERT STD 0.186 0.300 ORVR / FUEL ONLY / CANISTER BLEED EVAPORATIVE MILY ORVR (g/gallon) @ UL FUEL TYPE ORATIVE MILY ORVR (g/gallon) @ UL FUEL TYPE</td> <td>US06 FUEL TYPE US06 FUEL TYPE NMOG+NOx (g/mi) CO (g/mi) PM (mg/mi) * CERT * * · GASOLINE- TIER3 E10 STD * * 0 GASOLINE- TIER3 E10 STD * * 0 GASOLINE- TIER3 E10 STD * * 6 BIN WHOLE VEHICLE EVAPORATIVE EMISSION STAN ORATIVE MILY FUEL TYPE 3DHS (g/test) @ UL VHOLE VEHICLE EVAPORATIVE EMISSION STAN ORATIVE MILY GASOLINE- LEV3 E10 0.186 0.300 * 0.2 ORVR / FUEL ONLY / CANISTER BLEED EVAPORATIVE EMIS ORVR (g/gallon) @ UL FUEL TYPE FUEL TYPE GasoLINE- (gasoLINE- (gasoLINE-) JUEL TYPE GasoLINE- (gasoLINE-) JUEL TYPE Gueston Gueston FUEL TYPE CERT STD FUEL TYPE Gueston Gueston JUEL ORVR (g/gallon) @ UL GASOLINE- 0.01 0.20 GASOLINE- X ORUS GASOLINE- 0.01 0.20 GASOLINE- X </td> <td>US06 FUEL TYPE NMOG+NOx (g/mi) CO (g/mi) PM (mg/mi) NMO (mg/mi) * CERT * * * GASOLINE- TIER3 E10 CERT * * 0 GASOLINE- TIER3 E10 STD * * 0 WHOLE VEHICLE EVAPORATIVE EMISSION STANDAR WHOLE VEHICLE EVAPORATIVE EMISSION STANDAR WHOLE VEHICLE EVAPORATIVE EMISSION STANDAR ORATIVE MILY FUEL TYPE 3DHS (g/test) @ UL 2DH 0131DPG GASOLINE- LEV3 E10 0.186 0.300 * 0.203 ORVR / FUEL ONLY / CANISTER BLEED EVAPORATIVE EMISSION ORVR / FUEL ONLY / CANISTER BLEED EVAPORATIVE EMISSION ORVR (g/gallon) @ UL FUEL TYPE TUEL CON FUEL TYPE ORVR (g/gallon) @ UL FUEL TYPE GASOLINE- (g/test) 3DHS R (g/test) ORTIVE MILY GASOLINE- FUEL TYPE 0.01 0.20 GASOLINE- (g/test)</td> <td>US06SC03NMOG+NOX (g/mi)CO (g/mi)PM (g/mi)NMOG+NOX (g/mi)*CERT*****GASOLINE- TIER3 E10STD***0*GASOLINE- TIER3 E10STD**6**GASOLINE- TIER3 E10STD**6**GASOLINE- TIER3 E10STD**6**GASOLINE- TIER3 E10STD**6**ORATIVE 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KIA CORPORATION

EFFECTIVE LEAK DIAMETER STANDARD AND CERTIFICATION LEVEL (INCHES)									
EVAPORATIVE FAMILY	LEAK FAMILY	CERT	STD						
SKMXR0131DPG	SKMXR0131DPG-DL3	0.00	0.02						

: not applicable; #: pounds; UL: useful life; PC: passenger car; LDT: light-duty truck; LDT1: LDT<6000#GVWR,0-3750#LVW; LDT2: LDT<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; AIR/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 ECS 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
KIA	К5	PC	2.5	AMS8	SKMXR0131DPG	1	F