

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-14-012;

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 GR		FOR	MATION						
MODE	- I TE	EST GROUP	e y si	VEHICLE CLASS(ES)				FUEL CATEGORY			FUEL TYPE			
2020	LK	MXV02.4DH5	d perijalad Nationalista	PC DEDICATED SINGLE FUEL G						GASOLINE				
	USEFUL	LIFE (miles)		VEHI	CLE EMIS	SION	ATE	GORY	INTERIM / INT	ERM	RMEDIATE IN-USE STD			
EXH	H/ORVR EVAI			: The F	ТР	G paragli	SF	SFTP FTP			SFTP			
15	0000	15000)	LEV3	ULEV70	LEV	3 CC	MPOSITE	PM		PM			
SPE	CIAL FE	ATURES & EX		MISSIO		DL		OBD S	TATUS	ENGINE DISPLACEMEN (L)				
1	D	FI, WR-HO2S	, HO2S,	WU-TWC	, TWC	1	1	FULL	ALL MODELS		and the second state			
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*			*					TIAL WITH FINES	*					
		E	VAPORAT	IVE & R	EFUELING	G (EVA	P/OR	VR) FAMILY	INFORMATION					
EVA	P / ORV	RFAMILY	EVAPOR	RATIVE	STD CATE	GORY	,		SSION STD E CLASS	SPI	ECIAL FEATURES			
I	LKMXR01	40DHG	1	LEV 3 OPTION:				PC			HCT			
				E	MISSION C	REDIT	INFC	RMATION						
	EDIT FO	X FLEET AVE. R EXTENDED RANTY			DIT FOR I		ZEV	NMOG CI	REDIT FOR DOR		OPTIONAL EXH. STD OR WORK TRUCKS			
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				NMOG /	AND FLEE	TAVE	RAGE	INFORMA	ΓΙΟΝ					
NMOG RAF	CH4 RAF	FTP NMOG/NMHO RATIO	HCHO/N RAT	MHC	NMOG+NO PC+LDT (V) LDT (+NOX FLEET ST (3751 LVW-8500 R) + MDPV (g/mi)	1	IOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)			
*	*	1.10	*			0.065			0.074		*			

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 at El Monte, California on this // // day of June 2019.

Allen Lyons, Chief Emissions Compliance, Automotive Regulations and Science 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

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ACALI	FORNIA URCES BOARD	KIA MOTORS CORPORATION	Executive Order: A-314-0335 New Passenger Cars, Light-Duty Trucks Medium-Duty Vehi Page 4 c	icles
EFFECTIV	'E LEAK DIAMETER	STANDARD AND CER	TIFICATION LEVEL (INCHES)	
EVAPORATIVE FAMILY	LEAK FAMILY	CERI	r STD	
LKMXR0140DHG	LKMXR0140DHG-JF	1 0.00	0.02	n's School (
duty passenger vehicle; HDV: emission limit; GVWR: gross ULEV: ultra LEV; SULEV: sup ADSTWC: adsorbing TWC; H SCRC/SCR-N or SCRC-NH3: continuous/periodic trap oxidi: heated/oxygen sensor; WR-H RDQS: reductant quality sens secondary air injection (belt di direct/indirect fuel injection; Tu fines on-board diagnostic; DO	heavy-duty vehicle; EC vehicle weight rating; LV per ULEV; ZEV: zero-em AC: HC adsorbing cataly selective catalytic reduc zer; DPF: diesel particula O2S or AFS: wide range or; NH3S: ammonia sen riven)/(electric driven); P C/SC: turbo/super charg DR: direct ozone reducing	S: emission control system W: loaded vehicle weight; ission vehicle; TZEV: trans yst; WU: warm-up catalyst ction-urea/ammonia; NH30 ate filter (active); GPF: PM s/linear/heated air-fuel ratio sor, EGR: exhaust gas rea AIR: pulsed AIR; SFI/MFI: er; CAC: charge air cooler a; HCT: hydrocarbon trap;	DV5: MDV 10001-14000#GVWR; MDPV: mediur n; CERT; certification; STD: standard; FEL: famil ALVW: adjusted LVW; LEV: low emission vehicl sitional ZEV; TWC/OC: 3-way/oxidizing catalyst; ; NAC: NOx adsorption catalyst; SCR-U or DC: ammonia oxidation catalyst; CTOX/PTOX: 1 filter for spark-ignited engine; HO2S/O2S: o sensor; NOXS: NOx sensor; PMS: PM sensor; circulation; EGRC: EGR cooler; AIR/AIRE: : sequential/multiport fuel injection; DFI/IFI: r; FFH: fuel fired heater; F/P/\$: full/partial/partial v BCAN: bleed carbon canister; prefix 2: parallel; oleum gas; E85: "85%" ethanol ("15%"gasoline) fu	y le; with (2)

suffix: series; 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

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