

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 GRC	OUP II	NFOR	MATION						
MODE	г т	EST GROUP		VEHICLE CLASS(ES)			FUEL CATEGORY				FUEL TYPE			
201	9 KI	IYXV02.4MH3	PC				DICATED SINGLE FUEL VEHICLE			GASOLINE				
USEFUL LIFE (miles) VEHICLE EMISSIO							ATE	GORY	Т	INTERIM / INT	ERN	EDIATE IN-USE STD		
EXI	I/ORVR	EVAP			FTP		SF	TP	Γ	FTP		SFTP		
1	50000	15000	0	LEV3	SULEV30	ULEV30 LEV 3 COMPOS				NMOG+NOX AND PM		PM		
SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS								OBD STATUS			ENGINE DISPLACEMENT (L)			
1 DFI, WR-HO2S, HO2S, WU-TWC, TWC								FULL	Γ	*				
*	* *						P	ARTIAL	1	ALL MODELS	2.4			
* *							PAR	TIAL WITH		*				
	EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION													
EVA	EVAP / ORVR FAMILY EVAPORATIVE STD CATEGOR						,	EVAP EMISSION STD VEHICLE CLASS			SI	SPECIAL FEATURES		
	KHYXR0135MHG LEV 3 OPTION2							PC				HCT		
				1	EMISSION CI	REDIT	INF							
	NMOG+NOX FLEET AVE. CREDIT FOR EXTENDED WARRANTY NMOG CREDIT FOR NON-F ZERO-EVAP						ZEV	NMOG CREDIT FOR DOR			OPTIONAL EXH. STD FOR WORK TRUCKS			
	N N							N				N		
NMOG AND FLEET AVERAGE INFORMATION														
NMOG RAF					0-375					_	D NMOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)			
*	*	1.10		*	0	. 072			0.083			*		

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.



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 of day of May 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division



							ΑΤ	TAC	HMI	ENT							
	EXH	AUS	ST A	ND E	VAPOF	RATIVE	EMIS	SION S	TAN	DAR		CERTI	FIC/	ATION	LEVE	LS	
	- U	EX	HAU	ST EMI	SSION S	TANDA	RDS AN	D CERT	IFICA	TION	LEVELS	(FTP, HW	FET,	50°F, 2	0°F)		
	FU	FUEL TYPE			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; DRVR [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												
				٩	NMOG+NOx (g/mi)		CO (g/mi)			NOx (g/mi)		HCH (mg/r		+		PN (g/n	
				CE	RT	STD	CERT	STC		CERT	STD	CERT	r 🗌	STD	CER	т	STD
FTP@5	TP@50K *			*	*	*	*		*	*	*		*	*		*	
FTP@L	GASOLINE- TIER3 E10		1 0 1	012 (0.030	0.5	1.0		*	*	*		4	0.001		0.003	
50°F @	50°F@4K GASOLINE- TIER3 E10		1 0 1	011 (0.060	0.3	1.0		*	*	*		8				
					FUEL TYPE					NMOG+NOx (g/mi			-+			CO (g/mi)	
<u> </u>										CI	ERT	STD *		CERT			STD
HWFE	T @ 50H	4			*						*						
HWFE	T @ UL	·			GASOLINE-TIER3 E10					0`.	010	0.030					
20°F	@ 50K		COLL	CO E	CO E10 REGULAR GASOLINE (TIER3)								1.3 1		L0.0		
				SFTI	PEXHA	JST EM	ISSION S	TANDA	RDS	AND C	ERTIFIC	ATION LE	VEL	S			
								US06 CO PM		SC03					COMPOSIT		
	FUEL TY		YPE		NMOG+NOx (g/mi)		CO P (g/mi) (mg			NMOG+NOx (g/mi)		CO NM (g/mi)		DG+NO: g/mi)	x C (g/i	+	PM (mg/mi)
@ 4K		*		ERT	*		*				*	*					
				STD	*		*				*	*					
		GASOLINE- TIER3 E10 BI		ERT	*		*	5		ļ	*	*	0.012		0.	7	*
@ UL				1 SID 1			*			*		*		.090	4.	2	*
				BIN									0				
		<u></u>	VHOL	E VEH								ERTIFICA		N LEVE	LS		
	EVAPORATIVE		FUE		TYPE 3DHS (g/test) @ UL					2DHS (g/test) @ UL				RL (g/mi) @ UL			
FAMILY					CERT		STD	FEL			STD	FEL		CEF	RT T		STD
KHYXR0135MHG		HG		SOLINE- V3 E10	LINE- 0 226 0		. 300	* 0.2			0.300	*		0.01			0.05
0	DRVR /	FUE				BLEED	EVAPO	RATIVE	EMIS	SION	STANDA	RDS AND	CEF	TIFICA	TION L	EVE	LS
		Τ								-		P & CAN					
		/E	OF	RVR (g/g	gallon) (DU 🧕	3 FUEL TYPE			ମର ମଧ୍ୟର TEST g/test) @ UL		2DHS RIG 1 (g/test) @					
		I	FUEL	TYPE	CERT	STD	- · · · · · ·		CE	RT	STD	CERT			CERT		STD

GASOLINE-

LEV3 E10

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*

0.003

0.020

*

GASOLINE-

TIER3 E10

KHYXR0135MHG

0.03

0.20

CALI AIR RESO	FORNIA URCES BOARD	HYUNDAI MOTOR COMPANY		Executive Order: A-254-0383 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicle: Page 4 of 4			
EFFECTIV	E LEAK DIAMETER	STANDARD	AND CERTIF	ICATION LEVEL (INCHES)			
EVAPORATIVE FAMILY			CERT	STD			
KHYXR0135MHG	KHYXR0135MHG-Y	21	0.00	0.02			
emission limit; GVWR: gross v ULEV: ultra LEV; SULEV: sup ADSTWC: adsorbing TWC; H SCRC/SCR-N or SCRC-NH3: continuous/periodic trap oxidia heated/oxygen sensor; WR-H RDQS: reductant quality sens secondary air injection (belt du direct/indirect fuel injection; T fines on-board diagnostic; DO	vehicle weight rating; L ber ULEV; ZEV: zero-en AC: HC adsorbing cata selective catalytic redu zer; DPF: diesel particu O2S or AFS: wide rang or; NH3S: ammonia se riven)/(electric driven); I C/SC: turbo/super charg R: direct ozone reducin pressed/liquefied natura soline) fuel; A: automati	W: loaded vehi nission vehicle; lyst; WU: warm- iction-urea/amm late filter (active e/linear/heated nsor; EGR: exha PAIR: pulsed All ger; CAC: charg ig; HCT: hydroci al gas; LPG: liqu c (with lockup);	cle weight; AL TZEV: transitio up catalyst; N/ onia; NH3OC:); GPF: PM filt air-fuel ratio se aust gas recirc R; SFI/MFI: se e air cooler; FI arbon trap; BC	ERT: certification; STD: standard; FEL: family VW: adjusted LVW; LEV: low emission vehicle; anal ZEV; TWC/OC: 3-way/oxidizing catalyst; AC: NOx adsorption catalyst; SCR-U or ammonia oxidation catalyst; CTOX/PTOX: er for spark-ignited engine; HO2S/O2S: msor; NOXS: NOx sensor; PMS: PM sensor; ulation; EGRC: EGR cooler; AIR/AIRE: quential/multiport fuel injection; DFI/IFI: FH: fuel fired heater; F/P/\$: full/partial/partial with AN: bleed carbon canister; prefix 2: parallel; (2) m gas; E85: "85%" ethanol ("15%"gasoline) fuel;			

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD
HYUNDAI	SANTA FE FWD	PC	2.4	SA8	KHYXR0135MHG	1	P