		Executive Order: A-254-0338
California Environmental Protection Agency	HYUNDAI MOTOR	New Passenger Cars, Light-Duty Trucks and
@ Air Resources Board	COMPANY	Medium-Duty Vehicles
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Pursuant to the authority vested in the 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: 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	OUP IN	FORMAT	ION						
MODEL TEST GROUP VEHICLE CLASS(ES)								FUEL CATEGORY			FUEL TYPE			
2017 HHYXV05.01S5 PC. DEDICATED SINGL VEHICLE										ASOLINE				
L	JSEFUL	LIFE	(miles)	V	EHICLE EMIS	SION C	ATEGOR	Y .	INTERIM / IN	TERMEDIA	TE IN-USE STD			
EXH	ORVR		EVAP		FTP		SFTP		FTP		SFTP			
150000 150000 LEV3 ULEV70 LEV 3 COMPOSITE NMOG+NOX								NMOG+NOX						
SPE	CIAL FE	ATUR		AUST EMIS	SION CONTR	OL		OBD ST	ATUS	ENGINE	DISPLACEMENT (L)			
1	200	-TWC	2TWC,	2WR-HO2S,	2HO2S, DFI	-	FUI	LL	ALL MODELS					
*				*			PART	PARTIAL * 5.0						
*				*			PARTIA		*					
			EV	APORATIVE	& REFUELIN	G (EVA	P/ORVR)	FAMILY	INFORMATION	1				
EVA	P / ORV	RFAN	AILY	EVAPORAT	IVE STD CAT	EGORY		AP EMIS	SION STD CLASS	SPECIA	L FEATURES			
H	HYXR01	40ASE	E		LEV 2			PO	>		*			
					EMISSION	CREDIT	INFORM	ATION						
	A	LLOW	ANCE FO	R TEST GR	OUP					EDIT FOR	OPTIONAL EXH			
BASE	LINE P	ZEV	АТ	PZEV	TZEV	NO	N-PZEV	ZERO-EV	AP DO	OR	TRUCKS			
	*			*	*		1	N		N N				
				NM	OG AND FLE	ET AVE	RAGE IN	FORMAT	ION					
NMOG CH4 RAF RAF RATIO FTP NMOG/NMHC RATIO RATIO (g/mi)					(0-375			3751 LVW-8500						
*	*	:	1.10	*		0.086			0.101		*			

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 NMOG+NOx and greenhouse gas Fleet Average (PC or LDT or MDPV) or "Vehicle Equivalent Credit" (MDV) compliance plan 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

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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 2016.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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California Environmental Protection Agency

O Air Resources Board

FUEL TYPE

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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

				NMOG+NOx CO (g/mi) (g/mi)			NOx (g/mi)			HCH mg/n	-	PM (g/mi)			
¥			C	ERT	STD	CERT	ST	D	CERT	STD	D CERT		STD	STD CERT	
FTP@50	0K	*		*	*	*	*		*	*	*		* *		*
FTP@U		OLIN 3 E1	1 0	047	0.070	0.4	1."	7	*	*	*	*		*	0.01
50°F @4K GASOLINE- LEV3 E10				060	0.140	0.4	1.	7	*	*	*		16	1	2
	natur -			EI	EL TYP	F			N	MOG+N	Ox (g/mi)		_	CO (g/mi)
	Alex -					-			CE	ERT	STD		CERT		STD
HWFET @ 50K *						* *				190					
HWFE	T@UL			GASOLI	NE-LEV	3 E10			0.019 0.070						
20°F	@ 50K		GASO	LINE-CO	LD CO	LOW OC	TANE			in the			1.5		10.0
			SFT	PEXHA	USTEM	ISSION	STAND	ARDS	AND C	ERTIFIC	ATION L	EVEL	S		
				US06					SC03			COMPOSITE			
	FUEL T	YPE	_		OG+NOx CO (g/mi) (g/mi)		PM (mg/mi)		NMOG+NOx (g/mi)		CO (g/mi)	NMOG+NOx (g/mi)		CO (g/mi)	PM (mg/mi)
AIK			CERT	*		*		-		*	*				
@ 4K				*		*	-			* *				3 1	
60 111			CERT	*		*		*		*	*	(0.039	0.4	*
		ASOLINE- EV3 E10		*		*		*		*	*	* 0.103		4.2	*
			BIN			-		-			4	(0.070	with all	4.5
		WH	OLE VE	ICLE E	APORA	TIVE E	MISSION	STA	NDARD	S AND	CERTIFIC	ATIO	N LEVEL	S	
		T			W	HOLE V	EHICLE	EVAP	ORATI	VE TEST	TING				
	ORATIVE	F	UEL TYP	E	3DHS (g	/test) @	UL		2DHS (g/test) @ UL RL (g					. (g/mi) @	0 UL
				CE	RT	STD FEL		CE	ERT STD		FEL		CERT		STD
HHYXF	RO140ASE		ASOLINE A PHASE	1 0 26 1 0		0.50	*	0.	33	0.65	*	* (.02 0.05	
(DRVR / FI	JEL (ONLY / C	ANISTER	BLEED	EVAP	ORATIVE	EEMI	SSION	STANDA	RDS AN	D CE	RTIFICAT	ION LEV	ELS
								F	UEL O	NLY EVA	P& CAN	ISTE			
	ORATIVE		ORVR (g	(g/gallon) @ UL FUE					OHS RIG TEST (g/test) @ UL		2DHS RIG (g/test) (ANISTER est) @ 4K
		FL	JEL TYPE	CERT	STD	1			RT	STD	CERT		STD	CERT	STD
HHYXF	R0140ASE		SOLINE TIER 2 NLEADED	0.11	0.20		*		*	*	*		*	*	*

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DT<6000#GVWR,3751-5750#LVW; LDT3: LDT 60 3500#ALVW; MDV: medium-duty vehicle; MDV4: M Auty passenger vehicle; HDV: heavy-duty vehicle; E amission limit; GVWR: gross vehicle weight rating; L JLEV: ultra LEV; SULEV: super ULEV; ZEV: zero-e TZEV: transitional ZEV; TWC/OC: 3-way/oxidizing of catalyst; NAC: NOx adsorption catalyst; SCR-U or S NH3OC: ammonia oxidation catalyst; CTOX/PTOX: ilter for spark-ignited engine; HO2S/O2S: heated/ox NOXS: NOx sensor; PMS: PM sensor; RDQS: reduce EGRC: EGR cooler; AIR/AIRE: secondary air injection; To ines on-board diagnostic; DOR: direct ozone reduce suffix: series; CNG/LNG: compressed/liquefied nature 10: "10%" ethanol ("90%"gasoline) fuel; A: automa	001-8500#GVWR,3751-5750 IDV 8501-10000#GVWR; MD CCS: emission control system LVW: loaded vehicle weight; <i>A</i> emission vehicle; PZEV: partia catalyst; ADSTWC: adsorbing SCRC/SCR-N or SCRC-NH3: continuous/periodic trap oxid xygen sensor; WR-HO2S or <i>A</i> ctant quality sensor; NH3S: a ion (belt driven)/(electric drive C/SC: turbo/super charger; C ing; HCT: hydrocarbon trap; F ural gas; LPG: liquefied petrol tic (with lockup); M: manual e continuously variable transm	V5: MDV 10001-14000#GVWR; MDPV: medium- ; CERT: certification; STD: standard; FEL: family ALVW: adjusted LVW; LEV: low emission vehicle; al ZEV; AT PZEV: advanced technology PZEV; TWC; HAC: HC adsorbing catalyst; WU: warm-up selective catalytic reduction-urea/ammonia; dizer; DPF: diesel particulate filter (active); GPF: PM AFS: wide range/linear/heated air-fuel ratio sensor; ammonia sensor; EGR: exhaust gas recirculation; en); PAIR: pulsed AIR; SFI/MFI: sequential/multiport cAC: charge air cooler; F/P/\$: full/partial/partial with

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS		PZEV TYPE
HYUNDAI	G90 AWD	PC	5.0	SA8	HHYXR0140ASE	1	F	*
HYUNDAI	G90 RWD	PC	5.0	SA8	HHYXR0140ASE	1	F	*