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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.

EXH/	LFI	EST GROUP		VEHICL	E 01 4 00/E									
EXH/	JSEFUL	MXD06.771D	_	VEHICLE CLASS(ES)				FUEL C	ATEGORY		FUEL TYPE			
EXH/				MDV5					SINGLE FUEL		DIESEL			
EXH/		LIFE (miles)	VEHICLE EMISSION CATEGOR				ORY	INTERIM / IN	TERM	RMEDIATE IN-USE STD				
150	ORVR	EVAP		F	TP		SF	TP	FTP		SFTP			
130	150000 *			LEV3	LEV3 ULEV270 (HOT1			3 ULEV .435 UC , SC03, ST CYCLE)			*			
SPEC	CIAL FE	T EMISSIC	ON CONTRO	L		OBD S	STATUS		ENGINE DISPLACEMEN (L)					
1	TC, D			RC, OC, DPF, SCRC, RDQS				FULL	*					
*			*				Р	ARTIAL	*		6.7			
*					TIAL WITH FINES	ALL MODELS		92						
EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION														
EVAP / ORVR FAMILY EVAPORATIVE STD CATEG						GORY	-		SSION STD E CLASS	SP	SPECIAL FEATURES			
	*			*				*			*			
				E	MISSION C	REDIT	r INFC	ORMATION						
	EDIT FO	X FLEET AVE OR EXTENDED RRANTY	NMOG CREDIT FOR NON-PZEV ZERO-EVAP				NMOG C	REDIT FOR DOI		OPTIONAL EXH. STD FOR WORK TRUCKS				
		N	И			N		N						
NMOG AND FLEET AVERAGE INFORMATION														
NMOG RAF	CH4 RAF	FTP NMOG/NMH0 RATIO	HO/NMHC RATIO	O/NMHC DT (3751 LVW-8500 (STD NMOG+NOX FLEET S GVW) MDV (8501-10000 GVV (g/mi)			TD NMOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)				
*	*	*	* * 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.)



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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).

BE IT FURTHER RESOLVED:

The listed vehicle models are conditionally certified in accordance with 13 CCR Section 1968.2(k) (deficiency and fines provisions for certification of malfunction and diagnostic system) because the on-board diagnostic II (OBD) system of the vehicles has been determined to have six (6) deficiencies. The listed vehicle models are approved subject to the manufacturer paying a fine of one hundred and seventy five dollars (\$175) per vehicle for the third through sixth deficiencies in the listed test group that is produced and delivered for sale in California.

On a quarterly basis, the manufacturer shall submit to the Air Resources Board reports of the number of vehicles produced and delivered for sale in California and pay the full fine owed for that quarter pursuant to this conditional certification. Payment shall be made payable to the State Treasurer for deposit in the Air Pollution Control Fund no later than thirty (30) days after the end of each calendar quarter during the 2020 model-year production period. Failure to pay the quarterly fine, in full, in the time provided, may be cause for the Executive Officer to rescind this conditional certification, effective from the start of the quarter in question, in which case all vehicles covered under this conditional certification for that quarter and all future quarters would be deemed uncertified and subject to a civil penalty of up to \$37,500 per violation per vehicle pursuant to HSC Section 43154.

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 2014 day of November 2019.

Allen Lvons, Chief

Emissions Certification and Compliance Division



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ATTACHMENT

		1011	O.T.	AND		00/	X TIV / F		1170			- D	O A NII	CED.	CIEIC	ATION	115	/E1 G				
	EXF											-				ATION		ELC				
	F	FUEL TYPE		Ch mo ad Of 10	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																	
						HC+NOx (g/mi)		CO (g/mi)			N((g/i				HCH (mg/n			PM (g/mi)				
				(CERT	S	TD	CER	r st	D	CERT		STD					RT	STD			
FTP@5	P@50K		*		*		*	*	*		*	\perp	* *			*		*	*			
FTP@L		[ESE]		A C	191	0.	270	0.2	4.		*	_	*	*			0.003 0		0.010			
50°F @4	4K	*	*		*	*		*	*		*	*		*		*	*					
					FUEL TYPE							NMHC+NO						O (g/mi) STD				
											CERT		STD		CERT		310					
HWFE		-			*						*			* 0.270								
	HWFET @ UL					DIESEL-EPA					0.181 0		0.27	.270				*				
20°F	@ 50K				*						AND	AND OFFICE ATION										
			-T	5F	SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVEL US06 SC03									COMPOSITE								
	FUEL	_ TYP	TYPE		NMHC+NOx (g/mi)		Эх	CO (g/mi)	CO PM		NMHC+NOx (g/mi)		CO (g/mi)	NN	NMHC+NO: (g/mi)		CO g/mi)	PM (mg/mi)				
@ 4K		*		CERT		*		*			*		*									
				STD		*		*				*		*	0.027							
		IESEL-EPA SI		CERT		*		* *		*	*			*	-	0.237		0.0 6.0	7			
@ UL	DIESI			STD					4 163	* 4 5 6 7 10				Nationalis			0.550					
					HICLE	LE EVAPORATIVE EMI				N STA	NDARI	NDARDS AND CERT										
		$\neg $							EHICLE													
EVAPORATIV FAMILY		IVE	/E FUEL		FUEL TYPE		PE	3DHS (g/test) @ L			UL		2DHS (g/test) @			@ UL	@ UL			RL (g/mi) @ UL		
				,		CERT S		TD FEL		CE	ERT		STD	FE	FEL		CERT		STD			
	*			*		*		*	*		*		*	,		*			*			
	PRVR	/ FUE	LON	NLY / (CANIST	ER E	BLEED	EVAP	ORATIV							RTIFICA		LEV	ELS			
EVAPORATIVE FAMILY		IVE	E ORVR (g/gall			, –			L TYPE	30		UEL ONLY EVA HS RIG TEST g/test) @ UL		2DHS RIG (g/test) @		TEST BLE		EED CANISTER ST (g/test) @ 4K				
		FL		FUEL TYPE		ERT STD			x 49 5 			RT STD		CERT		STD		RT	STD			
	*			*	*		*					* *		*		* *			*			
		E	FFE	CTIV	E LEA	K DI	AMET	ER ST	ANDA	RD AN	ND CE	RT	IFICA	TION L	EVE	_ (INCH	ES)					
EVAF	EVAPORATIVE FAMILY				L	LEAK FAMILY				CERT					STD							
	*						*			*					*							



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*: 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; 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

2020 MODEL YEAR: VEHICLE MODELS INFORMATION

1							
MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD
FORD	F250 2WD DIESEL	MDV5	6.7	SA10	*	1	\$
FORD	F250 4WD DIESEL	MDV5	6.7	SA10	*	1	\$
FORD	F350 2WD BED DELETE DIESEL	MDV5	6.7	SA10	*	1	\$
FORD	F350 2WD DIESEL	MDV5	6.7	SA10	*	1	\$
FORD	F350 4WD BED DELETE DIESEL	MDV5	6.7	SA10	*	1	\$
FORD	F350 4WD DIESEL	MDV5	6.7	SA10	*	1	\$
FORD	F450 2WD DIESEL	MDV5	6.7	SA10	*	1	\$
FORD	F450 4WD DIESEL	MDV5	6.7	SA10	*	1	\$