and the second			
(A)	CALL	LMD	NILA
1 Prod	has good her 1	1 1 1	1010
ATT	AIR RESO	URCES	BOARD

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	IFORI	ATION					
MODE		ST GROUP		VEHICLE CLASS(ES)				FUEL CATEGORY			FUEL TYPE		
2021	MGMXT06.2375 LDT4						I	DEDICATED SINGLE FUEL VEHICLE			GASOLINE		
USEFUL LIFE (miles) VEHICLE EMISSION CATEGORY INTERIM / INTERMEDIATE II							MEDIATE IN-USE STD						
	/ORVR	EVAP			-TP		SF	ГР	FTP		SFTP		
15	0000	0 150000 LEV3 ULEV125 LEV 3 COMPOSITE *					*		PM				
SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS						L		OBD STATUS			ENGINE DISPLACEMENT (L)		
1 DFI, 2TWC, 2H02S(2)								FULL	FULL *				
*	* *						Р	ARTIAL	ALL MODELS	LL MODELS 6.2			
*	* *							TIAL WITH FINES	*				
2000 - 101 -	20	E	VAPO	RATIVE &	REFUELING	EVA	P/OR	VR) FAMIL	Y INFORMATIO	N			
EVAP / ORVR FAMILY EVAPORATIVE STD CATEGOR						GOR	(EVAP EMISSION STD VEHICLE CLASS SPECIAL FEATUR			PECIAL FEATURES		
M	IGMXR01	7350D	L	EV 3 OPTI	ON2 WITH	FEL	LDT4				HCT		
M	IGMXR02	2450C	L	EV 3 OPTI	ON2 WITH	FEL		LDT4 HCT			HCT		
	THE FILE COLOR STUDIES	un sennen und des sone de senen este est		E	EMISSION C	REDI	TINFO	RMATION	na ing sang tersengan sang ang ang ang ang ang ang ang ang ang	LEGICE VERSION			
NMOG+NOX FLEET AVE. CREDIT FOR EXTENDED WARRANTY					NOG CREDIT FOR NON-PZEV ZERO-EVAP			NMOG CREDIT FOR DOP		R	OPTIONAL EXH. STD FOR WORK TRUCKS		
		N			N				N		N		
		n a folgan georgene generalen er folgan generalen er folgan generalen er folgan generalen er folgan generalen e	saanan ay saho	NMOG	AND FLEE	t ave	RAG	EINFORMA	TION				
NMOG RAF	CH4 RAF	FTP NMOG/NMHO RATIO	нс	HO/NMHC RATIO	PC+LDT			V) LDT	i+NOX FLEET S (3751 LVW-850 R) + MDPV (g/n	0	NWOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)		
*	*	1.10		*	(0.058			0.065		*		

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).

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 $27 \frac{t0}{10}$ day of February 2020.

Kim Pryce

Allen Lyons, Chief Emissions Certification and Compliance Division



FUEL TYPE

ATTACHMENT	A	8	ΓA	C	Carlos a	Vo	-		-
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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

)G+NOx g/mi)		CO (g/mi)			lOx /mi)		HCH mg/n	-		Piv (g/m	
				CERT	STE	CER	T ST	D	CERT	STD	CER	T	STD	CEF	RT	STD
FTP@5	OK	*		*	*	*	*		Ŕ	*	*		×	*		*
FTP@L		SOLIN ER3 E		0.035	0.12	25 0.5	5 2.	1	*	×	×	4		0.002		0.003
50°F @	4K	*		*	*	*	*		*	*	*		×			
14786 C & NOT 2 (C 47 X 14)			estanting meriod south Second				and frankriger over 2 city over the	711478 C.M. 1997	N	MOG+NC	x (g/mi)			CO (9	g/mi)	
					FUEL	YPE			Cł	ERT	STD		CER			STD
HWFET @ 50K					*					*	×					
HWFE	T @ UL			GASOLINE-TIER3 E10						001	0.125	,				
20°F	@ 50K	© 50K COLD CO E10 REGULAR GASOLINE (TIER3) 1.6 1								.2.5						
	an de la carde la carde de	alant in outpetion	S	FTP E	XHAUST	EMISSIO	STAND	ARDS	AND C	ERTIFIC	ATION LI	EVEL	.S			
						US06				SC03			CO	MPO:	SITE	
	FUEL	TYPE			DG+NOx g/mi)	CO (g/mi)	CO PM (g/mi) (mg/mi)			G+NOx /mi)	CO (g/mi)		OG+NOx (g/mi)		CO /mi)	PM (mg/mi)
@ 4K	*		CERT	-	*	*				×	*					
			STD		*	*				ŵ	*					
	CERT			*	*		1		*	*	(0.025	C	.5	*	
@ UL	@ UL GASOLINE- STIER3 E10 ST				*	*		6		*	*		0.077	4	. 2	*
			BIN									(0.120		N (7) program and an and a star	
		WH	OLE V	EHICL	E EVAPO	DRATIVE I	EMISSION	V STA	NDARE	DS AND C	ERTIFIC	ATIO	N LEVE	_S		
						WHOLE	VEHICLE	EVAF	ORAT	IVE TEST	ING					
	ORATIV	E	FUEL T	YPE	3DH	S (g/test)	@ UL		2DH	S (g/test)	@ UL		R	L (g/n	ni) @	UL
					CERT	STD	FEL	CE	RT	STD	FEI	L	CEF	T		STD
MGMXI	R017350		GASOLI FIER3		0.198	0.500	0.500	0.3	200	0.500	0.50	00	0.0	0		0.05
MGMXI	R022450	CI	GASOLI TIER3		0.314	0.500	0.525	0.4	165	0.500	0.52	25	0.00 0.05			0.05

	CALIF AIR RESOL	FORM urces b	VIA Oard		GENERAL MOTORS LLC.			Executive Order: A-006-2246 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicle: Page 4 of 4					
ORVR / FU	EL ONLY / (CANISTER	BLEED	EVAPORATIVE	EMISSION	STANDA	RDS AN	D CERTIFIC	ATION LEV	ELS			
								ISTER BLEE					
EVAPORATIVE FAMILY	ORVR (ORVR (g/gallon) @ UL			3DHS RI (g/test)								
	FUEL TYP	E CERT	STD		CERT	STD	CERT	STD	CERT	STD			
MGMXR017350D	GASOLINE TIER3 E1	0 02	0.20	GASOLINE- TIER3 E10	*	*	*	*	0.008	0.020			
MGMXR022450C	GASOLINE TIER3 E1	1 11 112	0.20	GASOLINE- TIER3 E10	*	*	*	*	0.012	0.020			
	EFFECTIV	E LEAK D	IAMET	ER STANDARI	D AND CE	RTIFICA	TION LE	EVEL (INCH	IES)				
EVAPORATIVE FAMILY LEAK FAMIL			Y	CERT ST				STD	STD				
MGMXR017	350D	MGMXR0	17350D	-LK1 *				0.02					
MGMXR022	450C	MGMXR0	22450C	-LK1 *				0.02					
uty passenger vo mission limit; GV JLEV: ultra LEV; DSTWC: adsorb CRC/SCR-N or ontinuous/period eated/oxygen se RDQS: reductant	ehicle; HDV: /WR: gross v SULEV: supe bing TWC; H/ SCRC-NH3: lic trap oxidiz ensor; WR-H(quality senso er; AIR/AIRE /IFI: direct/in	heavy-duty ehicle weig er ULEV; Z AC: HC ads selective c eer; DPF: di D2S or AFS or; NH3S: a : secondar direct fuel i	vehicle pht rating EV: zero sorbing c atalytic r esel par S: wide r ammonia y air inje niection;	MDV 8501-10000 ; ECS: emission of ; LVW: loaded ve -emission vehicle atalyst; WU: wan eduction-urea/an ticulate filter (acti ange/linear/heate a sensor; EGR: ex ction (belt driven) TC/SC: turbo/su DOR: direct ozone	control syste ehicle weigh a; TZEV: trai m-up cataly monia; NH: ve); GPF: P d air-fuel ra khaust gas r)/(electric dr per charger	em; CERT: t; ALVW: a nsitional ZI st; NAC: N 3OC: amm M filter for tio sensor; recirculatio iven); PAIF ; CAC: cha	certificat djusted l EV; TWC Ox adso onia oxid spark-ig NOXS: n; HP/LF R: pulsed rge air c	ion; STD: sta _VW; LEV: lov ;/OC: 3-way/c rption catalys dation catalys nited engine; NOx sensor; P EGR: High/l AIR; SFI/MF ooler; FFH: ft	ndard; FEL w emission oxidizing cat t; SCR-U or t; CTOX/PT HO2S/O2S PMS: PM sr _ow Pressur 1: sequentia	: family vehicle; alyst; r OX: : ensor; re EGR;			

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD
CADILLAC	ESCALADE 2WD	LDT4	6.2	A10	MGMXR017350D	1	P
CADILLAC	ESCALADE 2WD	LDT4	6.2	A10	MGMXR022450C	1	P
CADILLAC	ESCALADE 4WD	LDT4	6.2	A10	MGMXR017350D	1	P
CADILLAC	ESCALADE 4WD	LDT4	6.2	A10	MGMXR022450C	1	P
CHEVROLET	SUBURBAN 2WD	LDT4	6.2	A10	MGMXR022450C	1	P
CHEVROLET	SUBURBAN 4WD	LDT4	6.2	A10	MGMXR022450C	1	P
CHEVROLET	TAHOE 2WD	LDT4	6.2	A10	MGMXR017350D	1	P
CHEVROLET	TAHOE 4WD	LDT4	6.2	A10	MGMXR017350D	1	P
GMC	YUKON 2WD	LDT4	6.2	A10	MGMXR017350D	1	P
GMC	YUKON 4WD	LDT4	6.2	A10	MGMXR017350D	1	P
GMC	YUKON XL 2WD	LDT4	6.2	A10	MGMXR022450C	1	P
GMC	YUKON XL 4WD	LDT4	6.2	A10	MGMXR022450C	1	Р