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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.

granted.										
			TEST O	ROUP INFORM	ATION					
MODEL YEAR	TEST GRO	UP VEHIC	CLE CLASS(ES)	FUE	L CATEGORY		FUEL TYPE			
2017	HGMXT02.5	201	LDT3		ED SINGLE FUEI VEHICLE	-	GASOLINE			
Harry Str. Carlot Str. House, Mary Str.	USEFUL LIF	E (miles)	VEHICLE E	MISSION CATEG	ORY	INTERI	M / INTERME	DIATE IN-USE STD		
EXH/O	RVR	EVAP	FTP		SFTP	FTF		SFTP		
120,000 150,000			USEPA TIER3 BIN1 COUNTED AS AR LEV2 ULEV	TED AS ARB LEV2 SFTP STANDARD			* *			
SPECIAL F	EATURES &	EXHAUST EMISSION	CONTROL SYSTEMS		OBD STATUS		ENGIN	E DISPLACEMENT (L)		
1		TWC, HO2S, DFI		FULL	L *					
*		*		PARTIAL	ALL MOD	DELS	2.5			
*		*		PARTIAL WITH FINES	*					
egit one to Tenderpolities		I	EVAPORATIVE & REFUEL	ING (EVAP/ORVI	R) FAMILY INFORM	MATION	Section of the section of			
EVA	P / ORVR FA	MILY EV	APORATIVE STD CATEGO	DRY EVAPE	MISSION STD VEH	HICLE CLASS	SPE	CIAL FEATURES		
. Н	GMXR01464	OA L	EV3 OPTION 2 WITH FE	L	LDT3		HCT			
	*		*		*			*		
	*		*		*		*			
provide the state of the second	and the second	The state of the s	EMISSIO	N CREDIT INFOR	MATION		the same of the same of			
		LLOWANCE FOR TES			G CREDIT FOR	NMOG CRED	T FOR DOR	OPTIONAL EXH. STD FO		
BASELI	NE PZEV	AT PZEV	TZEV	NON-P	ZEV ZERO-EVAP	N N		WORK TRUCKS		
was to state of	- ARTON TORSES (ATT AND		te det extreme ver une	V/, -1: /P4: 30: 2: 3: 3=		N	and a property to a	N		
			NMOG AND FL	EET AVERAGE I						
NMOG RAF	CH4 RAF	FTP NMOG/NMHC RATIO	HCHO/NMHC RATIO		G+NOX FLEET OT (0-3750 LVW) (g	MOG+NOX FLEET STD LDT (3751 LVW- 8500 GVWR) + MDPV (g/mi)				
*	*	1.04	*		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 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 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).

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Truc

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BE IT FURTHER RESOLVED:

The listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961.2(a)(12) and the incorporated test procedures.

day of April 2016.

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

/M 1

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP, HWFET, 50 °F, 20 °F)

	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; ORVR [g HC/gallon dispensed]=on-board refuelling vapor recovery; g=gram; mg=milligram; mi=mile; K=1000 miles; F=degrees Fahrenheit; FTP=federal test procedure; SFTP=supplemental FTP										
		NMOG+N	Ox (g/mi)	CO (g/mi)	НСНО	(mg/mi)	PM (g/mi)	HWY NMOG	+NOx (g/mi)	
		CERT	STD	CERT	STD	·CERT	STD	CERT	STD	CERT	STD	
FTP @ 50K	*	*	*.	*	*	*	*	*	*	*	. *	
FTP @ UL	GASOLINE-TIER2 UNLEADED	0.034	0.110	2.1	2.1	*	4	*	0.010	0.034	0.110	
20°F @ 50K	GASOLINE-COLD CO LOW OCTANE	*	*	2.8	12.5	*	*	*	*	*	*	
50°F @ 4K	*	*	*	*	*	*	*	*	*	*	*	

SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

The state of		US06					SC03				COMPOSITE					
	FUEL TYPE	NMHC (g/s	+NOx mi)	CO (g	g/mi)	PM (m	ng/mi)	NMHC (g/i		CO (g/mi)	NMO	G+NOx (g/mi)	CO (g	y/mi)
		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	BIN	CERT	STD
@ 4K	GASOLINE-TIER2 UNLEADED	0.04	0.40	1.5	10.5	*	*	0.02	0.31	1.0	3.5	*	*	*	*	*
@ UL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

WHOLE VEHICLE EVAPORATIVE/ORVR EMISSION STANDARDS AND CERTIFICATION LEVELS

EVAPORATIVE FAMILY	FUEL TYPE	WHOLE VEHICLE EVAPORATIVE TESTING							RUNNING LOSS		ON-BOARD REFUELING	
		3-DAYS DIURNAL + HOT SOAK (g/test) @ UL			2-DAYS DIURNAL + HOT SOAK (g/test) @ UL			(g/mi) @ UL		VAPOR RECOVERY (g/gallon) @ UL		
		CERT	STD	FEL	CERT	STD	FEL	CERT	STD	CERT	STD	
HGMXR014640A	GASOLINE-TIER3 E10	0.334	0.500	0.450	0.343	0.500	0.450	0.00	0.05	0.05	0.20	
*	*	*	*	*	*	*	*	*	*	*	*	
*	*	*	. *	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	*	*	*	*	

FUEL ONLY & CANISTER BLEED EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

EVAPORATIVE FAMILY	FUEL TYPE		FUEL ONLY EVAP		,			
		3-DAYS DIURNA (g/test)		2-DAYS DIURNA (g/test)		CANISTER BLEED (g/test)		
		CERT	STD	CERT	STD	CERT	STD	
HGMXR014640A	GASOLINE-TIER3 E10	*	*	*	. *	0.009	0.020	
*	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	

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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=medium-duty passenger vehicle; ECS=emission control system; CERT=certification; STD=standard; FEL=family emission limit; GWR=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; PZEV=partial ZEV; AT PZEV=advanced technology PZEV; 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-ignitted 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; EGRC=EGR cooler; AIR/AIRE=secondary air injection (belt driven)/(electric driven); PAIR=pulsed AIR; SFI/MFI=sequential/multiport fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; 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; CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85-CARB: 85% ethanol+15% CA Phase2 gasoline; E85-EPA: 85% ethanol+15% Tier2 unleaded gasoline; E10-CARB: 10% ethanol+90% CA Phase2 gasoline; E10-EPA: 10% ethanol+90% CA Phase2 gasoline; E10-EPA: 10% ethanol+90% CA Phase3 gasoline; E10-EPA: 10% ethanol+90% CA Phase3 gasoline; E10-EPA: 10% ethanol+90% CA Phase3 gasoline; E10-EPA: 10% ethanol+90% CV=con

2017 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH	OBD	PZEV TYPE
GMC	ACADIA	LDT3	2.5	A6	HGMXR014640A	1	Р	*
GMC	ACADIA AWD	LDT3	2.5	A6	HGMXR014640A	1	Р	*