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.

1. 9			TEST GR	OUP INFORMAT	TION					
MODEL YEAR	TEST GROU	EST GROUP VEHICLE CLASS(ES)			CATEGORY	FU	FUEL TYPE			
2017	HGMXV01.5	002	PC		DEDICATED SINGLE FUEI VEHICLE		GASOLINE			
artinen harrindense	USEFUL LIF	E (miles)	VEHICLE EMI	SSION CATEGO	DRY	INTE	RIM / INTERME	DIATE IN-USE STD		
EXH/ORVR EVAP			FTP	SF	TP	F	TP	SFTP		
120,000 150,000			USEPA TIER3 BIN110 COUNTED AS ARB LEV2 ULEV		STANDARD	*		*		
SPECIAL	FEATURES &	EXHAUST EMISSION	ONTROL SYSTEMS		OBD STATUS		ENGIN	E DISPLACEMENT (L)		
1	TW	C, HO2S(2), DFI, TC,	CAC	FULL	*					
*		*	14	PARTIAL	ALL MOD	DELS		1.5		
*		*	, P	ARTIAL WITH FINES	*					
	A	E	VAPORATIVE & REFUELIN	G (EVAP/ORVR) FAMILY INFORM	ATION	a den al caracterica d			
E	AP / ORVR FA	MILY EVA	PORATIVE STD CATEGOR	Y EVAP EN	ISSION STD VEH	ICLE CLAS	S SPE	CIAL FEATURES		
	HGMXR01108	75	LEV2		PC			НСТ		
	*		*		*		. *			
	*		*		*			*		
nin 193 - Alabertal Anto		n de la presidente de la presidente de la construcción de la construcción de la construcción de la construcción	EMISSION		MATION	* 627-*, (** ¥)-2+	The second s	an sina pada tang tang tang tang tang tang tang tan		
		LOWANCE FOR TEST		NMOG CREDIT FOR NON-PZEV ZERO-EVAP		NMOG CREDIT FOR DOR		OPTIONAL EXH. STD FO		
BASE	INE PZEV	AT PZEV	TZEV *	NON-P2	NON-PZEV ZERO-EVAP		N	N N		
alianzamer, des	a - Andra Magner (1995) - St.	alest a the second s	NMOG AND FLEI				n y series an ann an gan an a'			
		FTP NMOG/NMHC	HCHO/NMHC RATIO	NMOO	G+NOX FLEET T (0-3750 LVW) (g	NMOG+NOX FLEET STD LDT (3751 LVW 8500 GVWR) + MDPV (g/mi)				
NMOG RA	CH4 RAF	RATIO		01010.20	1 10 0100 = 111/13	and the second s	and the second se	10		

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).

California Environmental Protection Agency

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BE IT FURTHER RESOLVED:

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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.

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 July 2016.

merar Annette Hebert, Chief Emissions Compliance, Automotive Regulations and Science Division

California Environmental Protection Agency

OB Air Resources Board

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GENERAL MOTORS LLC

EXECUTIVE ORDER A-006-2062

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 3 of 4

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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	CH4=methane; NMOG=non-CH4 organic gas; HC=hydrocarbon; NMHC=non-CH4 HC; CO=carbon monoxide; N HCHO=formaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2DHS/3DHS [g HC/test]=2/3 day HC/mi]=running loss; ORVR [g HC/gallon dispensed]=on-board refueling vapor recovery; g=gram; mg=milligram Fahrenheit; FTP=federal test procedure; SFTP=supplemental FTP								avs diurna	+hot-soak: F	RL fa	005				
State Ball					OG+NOx (g/mi)	CO (g/mi)					(mg/mi)		ni)	HWY NMOG+NOX		(g/mi	
	祖王の言語			CEF		STD	CERT	ST		CERT	STD	CI	ERT	STD	CER	T S	STD	
FTP @ 50K *		*	*		*	*			*	*		*	*	*		*		
FTP @ UL GASOLINE-TIER2 UNLEADED		0.0	19 0).110	0.7 2		.1	*	4		*	0.010		0.011 0.				
20°F @ 50K GASOLINE-COLD CO LOW OCTANE		*		*		10	0.0	*	*	*		*	*		*			
50°F@4K *		*		*	*		* *		*	* *		*		* *				
					SFTP EX	HAUST	EMISSION	STAND	ARDS AN	D CERTI	ICATION	LEVELS						
The second		U\$06 \$C03						C03	3 COMPOSITE									
FUEL		EL TYPE NMHC			CO (0/00)		PM (mg/mi)		NMHC+NOx (g/mi)		CO (g/mi)		NMOG+NOx		(g/mi)	CO (g/mi)		
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	BIN	CERT	STD	
@ 4K		LINE-TIER2	0.06	0.14	1.8	8.0	*	*	0.02	0.20	1.4	2.7	*	*	*	*	*	
@ UL		LINE-TIER2	*	*	*	*		*	*	*	*	*	0.032	0.103	0.110	*	*	
			W	HOLE VI	EHICLE EV	APORA	TIVE/ORV	REMISS	ION STA	NDARDS	AND CER	TIFICATIO	ON LEVEL	S				
EVA	POPAT					WHOL	E VEHICLI	EEVAPO	RATIVE	TESTING		RUI		SS	ON-BOAR			
EVAPORATIVE FAMILY			FUEL TYP			B-DAYS DIURNAL + HOT SOAK (g/test) @ UL			2-DAYS DIURNAL SOAK (g/test) (g/mi) @ UL		(g/gallon) @ UL			
				_	CERT	STD	FE	LC	ERT	STD	FEL	CER	TS	TD	CERT	S	TD	
HGMXR0110875		0875 ^G	GASOLINE-TIER2 UNLEADED		0.36	0.50	*		0.19	0.65	*	0.0	0 0	.05	0.02	0	.20	
*			*		*	*	*		*	*	*	*		*	*		*	
*			*		*	*	* *		*	*	*	*	*		*	*		
*			*		*	* *		*		* *		*		*	*		*	
	*		*		*	*	*		*	*	*	*		*	*		*	
			FUEL	ONLY &	CANISTER	RBLEED	EVAPOR	ATIVE EN	AISSION	STANDA	RDS AND	CERTIFIC	ATION L	EVELS				
							FUEL ON	LY EVA	ORATIV	E TESTIN	G							
EVAPORAT FAMILY				PE	3-DAYS DIURNAL + HOT SOAK (g/test) @ UL			SOAK	2-DAYS DIURNAL + HOT SOA (g/test) @ UL			SOAK	CANISTER BLEED (g/test)					
						CERT		STD		CERT		STD		CERT		STD	ſD	
	*		*			*	*			*		*		*		*		
	*		*		*		*			· *		*		*		*	*	

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California Environmental Protection Agency

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GENERAL MOTORS LLC

EXECUTIVE ORDER A-006-2062

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 4 of 4

* =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; 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; 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 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; 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; 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% Tier2 unleaded gasoline; A=automatic transmission; M=manual transmission; AMS=automated automatic transmission; Lelock-un automatic transmission; CV=continuously variable transmission; AMS=automated automatic transmission; Lelock-un automatic transmission; CM=automated diagnostic; MSAS=automated automatic transmission; L=lock-up automatic transmission; CV=continuously variable transmission; AM=automated manual transmission; AMS=automated manual-selectable transmission; OT=other transmission

2017 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH	OBD	PZEV
CHEVROLET	MALIBU	PC	1.5	A6	HGMXR0110875	1	P	1 4 DE -

 ALV or LDT?
ALDT?
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