		Executive Order: A-006-2016
California Environmental Protection Agency	GENERAL MOTORS	New Passenger Cars, Light-Duty Trucks and
OF At Deserves Deserd	LLC.	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.

111							TEST GRO	UP IN	NFOR	MATION						
MOD		TEST G	ROUP		VEHICLE CLASS(ES)					FUEL CATEGORY			FUEL TYPE			
201	16	GGMXV06	5.2088		PC					DEDICATED SINGLE FUEL VEHICLE			GASOLINE			
	USEF	UL LIFE	(miles)			/EHIC	LE EMISS	ION C	CATE	GORY	IN	ITERIM / INT	ERME	DIA	TE IN-USE STD	
EX	(H/ORV	R	EVAP			FT	ſP		SF	TP		FTP		SFTP		
. 1	120000		150000)		LEV2	LEV	I		2 SFTP NDARD		*			*	
SF	PECIAL	FEATUR				SION	I CONTRO	L		OBD S	TAT	JS	ENC	GINE	DISPLACEMENT (L)	
1		2	TWC (2)	2HO2	2S(2),	SFI	E			FULL	AL	L MODELS				
*				*					I	PARTIAL	*		6.2			
.*	*							PAI	RTIAL WITH FINES		*					
			E	VAPOR	RATIVE	E & R	EFUELING	(EVA	P/OF	RVR) FAMILY	/ INF	ORMATION	l			
EV	AP / OF		AILY	EVA	PORAT	IVE \$	STD CATE	GORY	(EVAP EMI			SPI	ECIAI	L FEATURES	
	GGMXR	013388	D I			LEV	72			P	PC HCT			нст		
						EN	ISSION CI	REDI	T INF	ORMATION						
			ANCE F			OUP						OPTIONAL EXH. STD FOR WORK				
BA	SELINE	PZEV	A	PZEV			TZEV						TRU		TRUCKS	
* * * N N N							N									
					NN	IOG A	ND FLEET	AVE	RAG	EINFORMA	TION	1				
NMO	G RAF	CH4 R/	AF FT				HO/NMHC RATIC		IO NMOG+NOX FLEET STD PC+LDT (0-3750 LVW) (g/mi)		750 LVW)	NMOG+NOX FLEET STI LDT (3751 LVW-8500 GVWR) + MDPV (g/mi)		751 LVW-8500		
	*	*		1.	04			*			0.0	93	0.110			

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. California Environmental Protection Agency

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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 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 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 December 2015.

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

California Environmental Protection Agency

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GENERAL MOTORS LLC.

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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

FUEL TYPE

and the second second													
			NM (g/i			CO (g/mi)		NOx (g/mi)		HO (mi)	PM (g/mi)		
			CERT	STD	CERT	STD	CERT	STE	CERT	STD	CERT	STD	
FTP@50K	TI	DLINE - IER 2 LEADED	0.033	0.075	0.68	3.4	0.014	0.0	5 1.3	15	*	*	
FTP@UL	FTP@UL TI		0.0331	1 0.090	0.68	4.2	0.014	0.0	1.3	18	*	0.01	
50°F @4K	1.	*	*	* (*	*	*	* .	*	*			
Selection .	hjert i de				-			NOx	(g/mi)		CO (g/n	ni)	
				FUEL TYP	E		CE	RT	STD	CEF	RT	STD	
HWFET @ 50K		(GASOLINE - TIER 2 UNLEADED						0.07				
HWFET @	DUL	(GASOLINE	- TIER 2	2 UNLEAD	ED	0.0	13	0.09				
20°F @	50K GASOLINE-COLD CO LOW OCTANE					1.4	16	10.0					

		puter monthat		US06		SC	03	COMPOSITE			
	FUEL TYP	E	NMHC+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	NMHC+NO (g/mi)	c CO (g/mi)	NMHC+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	
	GASOLIN	E CERT	0.094	0.02		0.020	0.19				
@ 4K	- TIER		0.14	8.0		0.20	2.7				
		CERT	*	*	*	*	*	*	*	*	
@ UL	@UL *	STD	*	*	*	*	*	*	*	*	
								*			
	N	HOLE VE	HICLE EVAPO	RATIVE EN	ISSION STA	NDARDS AN	CERTIFIC	ATION LEVEL	S		
				WHOLE VE	EHICLE EVA	PORATIVE TE	STING				
EVAPORATIVE FAMILY				(g/test) @	UL	2DHS (g/te	st) @ UL	RL	RL (g/mi) @ UL		
			CERT	STD	FEL CI	RT ST	FE	L CERT	r 🛛	STD	
GGMXF	0133880	GASOLIN TIER UNLEAD	2 0.20	0.50	* 0	.29 0.6	5 *	0.00)	0.05	

California Envi			GENERAL LL	N	Executive Order: A-006-2016 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 4 of 4					
ORVR / FU	EL ONLY / CA	NISTER	BLEED	EVAPORATIVE						ELS
EVAPORATIVE ORVR (g/gallon) @ UL FAMILY				FUEL ON 3DHS RIG FUEL TYPE (g/test) @			P & CANIS 2DHS R (g/test	D BLEED CANISTER TEST (g/test) @ 4K		
	FUEL TYPE	CERT	STD		CERT	STD	CERT	STD	CERT	STD
GGMXR0133880	GASOLINE - TIER 2 UNLEADED	0.01	0.20	*	*	*	*	*	*	*
LDT<6000#GVWR 8500#ALVW; MDV duty passenger vei emission limit; GV ULEV: ultra LEV; S TZEV: transitional catalyst; NAC: NO: NH3OC: ammonia filter for spark-ignit NOXS: NOx senso EGRC: EGR coole fuel injection; DFI/I fines on-board diag suffix: series; CNG E10: "10%" ethano continuously variat automated manual	² : medium-duty hicle; HDV: he WR: gross veh SULEV: super ZEV; TWC/OC x adsorption ca oxidation cata ed engine; HC or; PMS: PM se r; AIR/AIRE: s FI: direct/indire gnostic; DOR: /LNG: compre d ("90%"gasolii ole transmissic	vehicle; avy-duty icle weig ULEV; Z 3-way/ atalyst; S 2S/O2S ensor; R[econdan ect fuel ir direct oz ssed/liqu ne) fuel; on; SCV:	MDV4: vehicle ht rating EV: zero oxidizing CR-U o DX/PTO heated DQS: reo y air inje njection; one redu lefied na A: autor selectat	MDV 8501-1000 ; ECS: emission of ; LVW: loaded ve permission vehicle g catalyst; ADSTV r SCRC/SCR-N of X: continuous/per /oxygen sensor; N ductant quality se ction (belt driven) TC/SC: turbo/sup ucing; HCT: hydro atural gas; LPG: li natic (with lockup ple continuously v	0#GVWR; I control syst chicle weigh c; PZEV: pa NC: adsorb or SCRC-NI riodic trap of NR-HO2S //(electric di per charger pocarbon tra iquefied per charger pocarbon tra iquefied per (); M: manu rariable trar	MDV5: MD em; CERT: ht; ALVW: a artial ZEV; ding TWC; H3: selectiv oxidizer; DF or AFS: wio S: ammonia riven); PAIF c; CAC: cha p; BCAN: b troleum gas ual transmis	V 10001-14 certificatio adjusted LV AT PZEV: a HAC: HC ac re catalytic PF: diesel p de range/lin a sensor; Ef R: pulsed A rige air coo oleed carbo s; E85: "85 ssion; SA: s	4000#GVW n; STD: sta W; LEV: lo advanced to dsorbing ca reduction-u articulate fi ear/heated GR: exhaus IR; SFI/MF ler; F/P/\$: f n canister; %" ethanol semi-autom	R; MDPV: r indard; FEL w emission echnology F italyst; WU: irea/ammor lter (active) air-fuel rati st gas recirco I: sequentia ull/partial/pa prefix 2: pa ("15%"gasc atic transm	medium- : family vehicle; PZEV; warm-up hia; ; GPF: PM to sensor; culation; al/multiport artial with trallel; (2) bline) fuel; ission; CV:

2016 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS ENGINE (L)		TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD	PZEV TYPE
CHEVROLET	CHEVY SS	PC	6.2	M6, SA6	GGMXR0133880	1	F	*