GENERAL MOTORS CORPORATION

EXECUTIVE ORDER A-006-1459
New Passenger Cars, Light-Duty Trucks
and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

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.

unien (cernin	cauc	on is ui	anto	u.									
MODE	MODEL TEST GROUP			VEHICLE TYPE {PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; LVW=loaded vehicle weight; GVW=gross VW)			STANDA (LEV=low em transitional L	ST EMISSION RD CATEGORY ission vehicle; TLEV= EV; ULEV=ultra LEV; V=super ULEV)	EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)				
			T03.9140	LD	T: <6000# GVW, 3751-5750#		USEPA Bin 5		120K / 150K	Flexible Fuel: Ethanol (E85) / Gasoline (Tier 2 Unleaded)				
No.	EVAPO	APORATIVE MILY (EVAF)			SPECIAL FEAT EMISSION CONTROL	SYSTE	MS (ECS)	* = not applicable	WU= warm-up cat. 025/HC AFS/HAFS=air-fuel ratio se	at. ADSTWC=adsorbing TWC 22S=oxygen sensor/heated O2S insor/heated AFS EGR=exhaust i=secondary air injection/pulsed				
1 8GMXR0170956			0956	1	SFI, IV	VC,HO	S(2),OBD (F)		fuel injection/sequential MFI TC/SC=turbo /super charger					
2	BGMXI	GMXR0203958					·		TBI= throttle body injection (F) / (P)=full /partial on-board CAC=charge air cooler OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series					
3		•		3					goragnostic prenx z-puter	12				
EVAI			ENGINE SIZE (L)		VEHICLE MAKES & MODELS	STA	ANDARDS AR	E UNDERLINED	ABBREVIATIONS:					
		1 3.9 Ch					Chevrolet Uplander FWD, Pontiac Montana SV6 FWD Uplander FWD, Pontiac Montana SV6 FWD , Buick Terraza FWD							
					Che	AR LAND ' PRICK LELISTE	1112							
2		1 3.9						*						
	_ ['	* }	*							itiantian amiceian				

The exhaust and evaporative emission standards (STD), as requested by the manufacturer, and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMO AVER	G FLEET AGE [g/mi]	NMOG @ RAF = * (*); CH4 RAF = *			NMOG or NMHC	diumal+hot-soak KL 1911 K-1000 miles F=degrees Fahrenheit SFTP=supplemental rederal test procedure										
CERT	ERT STD		G	NMHC	STD	mig-timilgram			(g/mi)		HCHO [mg/mi]		PM [g/mi]		Hwy NOx (g/mi)	
		CEF	₹Т	CERT	[g/mi]		[g/ml]		STD	CER			ERT	STD	CERT	STD
0.047	0.050	[g/n	ni] [in	[g/mi]		CERT	STD	CERT	0.05	-+		5		•	0.02	0.07
-1-4		0.0	56		0.075	1.3	3.4	0.04	(0.05)	(c)		15)	- I		(0.02)	(0.07)
	@ 501	(0.0		-	(0.07 <u>5</u>)	(1.9)	(3.4)	(0.02)	0.07			B		0.01	0.04	0.09
		,00			0.090	1.8	4.2	0.06		1 0		8)	-	0.01	(0.04)	(0.09)
a.	@ U	(0.0	35)		(0.090)	(2.4)	(4.2)	(0.04)	10.01	<u>'</u> '		-	·	-	*	*
ar Agrania Agrana	@ 50°F & 41			*	*	•	*					حليب	1 519614	CANON	T CO	[g/mi]
SIRALC+NO				Ox [q/mi] CO [g/mi]		NMHC+NOx		CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		[SC03]				
) O	/ml] SFTF	1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV)		(aniān)		(composite)		[g/mi] [CERT	STD	CERT	STD	CERT	STD	
<u> 20</u>	F& SETE	2 = @ U	L (Tier 1	TLEV)	CERT	STD	CERT	STD	CERT	STD	CERT	310	+ +	+	+ +	+
501	`	- <u>-</u>	Lazz				*	•	(0.08)	(0.25)	(2.3)	(10.5)	(0.08)	(0.27)	(2.4)	(3.5
ERT	(3.7)			@ 4K		<u></u>	<u> </u>		(0.00)		*	1 1 1 1 1	*		Τ	1
	· /	F.F.	era e	@ UL		(0 OF)	•	•	* 1	•	(3.1)	(14.6)			(3.2)	(4.9
STD	(12.5)	the state of	t de la		(0.10)	(0.95)	E CAMILY 2		EVAPORATIV		VE FAMILY 3		EVAPORATI			
	EVAPORATIVE FAMILY 1					EVAPORATIVE FAMILY 2		ORVR	3-D	-	2-D RL		3-D	2-D	RL	ORV
) UL	3-D	2-D	RL	ORVR	3-D	2-D	RL		 +			•	*	*	*	1
ERT		0.26	0.00	(0.04)	0.22	0.35	0.00	(0.04)		 -+			 	*	T-	\top
TD	V	0.85	0.05	0.20	0.65	0.85	0.05	0,20				Щ.—	.———			

BE IT FURTHER RESOLVED: That 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 Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

BE IT FURTHER RESOLVED: That the listed vehicle models are permitted intermediate in-use compliance standards pursuant to Title 40, Code of Federal Regulations (40 CFR), Section 1811-04(p).

BE IT FURTHER RESOLVED: That the listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) 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

/ 5th day of February 2007.

Annette Hebert, Chief Mobile Source Operations Division