

GENERAL MOTORS CORPORATION

EXECUTIVE ORDER A-006-1151

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.

MODEL YEAR	T TEST GROUP VEHICLE TYPE		EXHAUST EMISSION STANDARD CATEGORY	USEFU (mi		IN- COMP (*=N/A or A/E=ex	MEDIATE -USE -LIANCE -full in-use; -h. / evap	FUEL TYPE	
2004	4GMXT04.6161	LDT: 3751-5750 Pounds LVW	USEPA Bin 9a (opt)	EXH / ORVR	EVAP	EXH EVAP		GASOLINE	
New York	710-6		Counted as ARB ULEV	100K	100K	*	*	(Tier 2 Unleaded)	
No.	ECS &	SPECIAL FEATURES	EVAPORATIVE	FAMILY (EV	AF)		DISPLACE		
1	2TWC, 2HC	4GMXR0	4GMXR0133910						
*									
*		*	•				4.	.6	
*		*	·						

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:

That the exhaust and the 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 Fleet Average" (PC or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

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], 1968.1 [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:

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 day of April 2003.

Allen Lyons, Chief

Mobile Source Operations Division



New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

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.)

	@ 50°F & 4K	*	*	1 *	1 *												
20.00											I		0.10	0.40			
in a representation	@ UL	0.088		0.130	1.6	4.2	0.1	0.3	*	18.	*	*	0.10				
4.7					1.3	3.4	0.1	0.2	*	15.	•	*	0.08	0.27			
100 100 100	@ 50K	0.070	*	0.100	4.2				OLIVI		CERT	STD	CERT	STD			
		[g/mi]	[g/mi]	[g/mi]	CERT	STD	CERT	STD	CERT	STD	CERT						
0.056	0.085	[g/mi]	CERT CERT		CO [g/mi]		NOx [g/mi]			[ma/mi]	PM [g/mi]		Hwy NO	v fortenil			
CEXT	310	NMOG	NMHC	STD	mi=mile; K=	1000 miles;	F=degrees F	ahrenheit: S	FTP=supple	mental feder	al test procedu	ecovery; g=g	ram; mg= milliç	gram			
CERT	STD	11100		NMHC	hot-soak; RL [g/mi]=running loss; ORVR [g/gallon dispensed]=on-board refueling vapor recovery; g=gram; mg=milligram												
AVER	AGE [g/mi]		CH4=methane; NMOG=non-CH4 organic gas; NMHC=non-CH4 hydrocarbon; CO=carbon monoxide; NOx=oxides of nitrogen; OHCHO=formaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2/3 D [g/test]=2/3 day diumal+														

	O [g/mi] 0°F & 50K		NMHC+N (comp	Ox [g/mi] oosite)		g/mi] posite)		+NOx [US06]		g/mi] 06]		C+NOx [SC03]	CO	[g/mi] 2031
	0 1 0t 50K		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
CERT	2.6	SFTP @ 4000 miles	*	*	*	*	0.17	0.25	3.0	10.5	0.16	0.27	1.4	3.5
STD	12.5	SFTP @ 100000 miles	0.24	1.04	*	*	*	*	3.7	14.6		•	2.1	4.9

Evaporative Family		ial + Hot Soak est) @ UL		al + Hot Soak est) @ UL		ng Loss nile) @ UL	On-Board Re Recovery (gran	fueling Vapor ns/gallon) @ UL
	CERT	STD	CERT	STD	CERT	STD	CERT	STD
4GMXR0133910	1.2	2.0	1.2	2.5	0.00	0.05	0.09	0.20
*	*	*	*	*	*		0.00	*
*	*	*	*	*	*	•		+
*	*	*	*	*	•			

• = not applicable; UL=useful life; PC=passenger car, LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air- fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG= compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel

2004 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	IN- COMP (*=N/A or A/E=exi	EDIATE USE LIANCE full in-use; n. / evap. ate in-use) EVAP	PHASE-IN STD.	OBD II
CADILLAC	SRX 2WD	4GMXR0133910	1	4.6	*	*	SFTP	Full
CADILLAC	SRX AWD	4GMXR0133910	1	4.6	*	*	SFTP	Full