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.

MOD YEA		TEST GROUP			VEHICLE TYPE PC=passenger car; LDT=light-duty t MDV=medium-duty vehicle; LVW=lo; vehicle weight; GVW=gross VW;	aded	STAND, (LEV=low ei transitional	UST EMISSION ARD CATEGORY nission vehicle; TLE LEV; ULEV=ultra LE EV=super ULEV)	V=	EXHAUST (EXH) / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)				
200		7GMXT05.3381			LDT: 6001-8500# GVW, 3751-5750# ALVW			SEPA Bin 4 is ARB LEV2 ULE	v	EXH/ORVR: 120K EVAF: 150K	Flexible-Fueled: Gasoline and E85				
No.	_FAMI			No.	SPECIAL FEATUR	RES &		* = not applicable	loc	OCCTWC-ovidini-12					
1	7GMX			1	EMISSION CONTROL SY	STEMS (E				OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing TWC WU= warm-up cat. O2S/HO2S=oxygen sensor/heated O2S					
2		7GMXR0223840			2TWC, 2HC	J23(2), SF	I, OBD (F)	I I ME	AFS/HAFS=air-fuel ratio sensor/heated AFS EGR-exhaust gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI/SFI= multiport fuel injection/sequential MFI/SFI= multiport fuel injection/sequential MFI/SFI= multiport fuel injection/sequential TBI= throttle body injection TC/SC=turbo/super charger CAC=charge air cooler OBD (F) / (P)=full /partial on-board diagnostic prefix 2=parallel (2) suffix=series						
3		*						I DAIN							
4						*		TBI							
	- 1					*		dia							
EVAI No.		No. SIZE (L)			VEHICLE MAKES & MODELS	VEHICLE	S SUBJE	CT TO SFTP	ABBREVIATIONS:						
1			5.3												
					Chevrolet: C1500 Tahoe 2WD, K1500 Tahoe 4WD, C15 Silverado 2WD, K15 Silverado 4WD; GMC: C1500 Yukon 2WD, K1500 Yukon 4WD, C15 Sierra 2WD, K15 Sierra 4WD										
2	1	1 5.3			GWO, C1500 TUKON AL ZWI), K1500 YILKON YI AWD, C45 Ciarra 2010, K45 Ci										
2	1 5.3			Sheviolet, C1500 Suburban 2WD, K1500 Suburban 4WD, C1500 Avalanche 2WD, K1500 Avalanche 2WD, K1500 Avalanche 2WD											
_ *				C15 Siverado 2WD, K15 Silverado 4WD,											

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.)

AV	NMOG FLEET AVERAGE [g/mi]		NMOG @ RAF=* CH4 RAF = *		NMOG o	CH4=met	thane NMC HCHO=fo	G=non-Ch	l4 organio de PM≂r	gas i	NMHC=	non-C	H4 hydroca	rbon CO=	carbon mond	xide NOx	oxides of
0.054 0.055			NMOG CERT	NMHC CERT	NMHC STD	mg=millig	gram mi	=mile K=	=1000 mile	es C.	F=deg	rees Fa	hrenheit	]=on-board	refueling var plemental fe	or recover	/ n=aram
0.034		0.055	[g/mi]	[g/mi]	[g/mi]	CERT	[g/mi] STD	CER	Ox [g/m		HO	CHO [	ng/mi]	PM	g/mi]		x [g/mi]
流域		@ 50K	*	*	0.070 (0.070)	1.0 (0.9)	2.1 (2.1)	- CLA	3	*		RT	STD	CERT	STD *	CERT	STD
Paris and	79441	-	0.062	*								'	*	*		*	•
		@ UL	(0.065)					(0.02	. 1 -	.04 .04)	1	')	11 (11)	*	*	0.01	0.05
	@ 5	50°F & 4K	*	*	*		*	*	· ·	*	*		*			(0.01)	(0.05)
CO [ @ 20 50		SFTP 1 = @ 4K (SULEV, ULEV, LEV) or 50K (Tier 1, TLEV) SFTP 2 = @ UL (Tier 1, TLEV)		NMHC+N (comp			[g/m	g/mi] [US06]			O [g/mi] [US06]	[g/n	HC+NOx ni] [SC03]		[g/mi] C03]		
CERT	(2.1)		- CI	TP @ 4K	*		OLKI	310	CERT		TD	CER	TST	) CER	T STD	CERT	STD
STD	·	200							(0.1)	_ (0	0.4)	(7.0	) (10.	5) (0.04	) (0.31)	(1.0)	(3.5)
310	(12.5)	A PROPERTY OF A	Switzer A Com	TP @ UL	(0.08)	(0.97)	*	*	*		*	(7.0	) (16.9	9) *		(1.1)	(5.6)
@ UL	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2			EVAPORATIVE FAMILY 3			<u> </u>	VADODATI	⊥.''				
	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-		RL			VAPORATI		
CERT	0.55	0.38	0.00	(0.03)	0.53	0.32	0.00	(0.09)	*	2-		- KL	ORVE		2-D	RL	ORVR
STD	0.90	1.15	0.05	(0.20)	0.90	1.15	0.05	(0.20)		-		*	*	*	*	*	*
				1 ,/			0.03	(0.20)				*	*	*	*		•

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 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. This Executive Order hereby supersedes Executive Order A-006-1394-1 dated May 19, 2006.

Executed at El Monte, California on this 29

\_\_ day of June 2006.

Allen Lyons, Chief
Mobile Source Operations Division