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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; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive O-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive O-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive O-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive O-02-003; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive O-02-003; and pursuant to the

and pursuant to the authomy vested in the undersigned by the 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.

	501111000										
MODE	L TEST	r GROUP		VEHICLE TYPE (PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; LVW=loaded vehicle weight;	STANDAR (LEV=low emistransitional LE	T EMISSION D CATEGORY solon vehicle; TLEV= V; ULEV=ultra LEV; super ULEV)	EXHAUST & ORVR / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG≖compressed/ liquefied natural gas; LPG≖liquefied petroleum gas)			
		8TYXT03.3CCU		ALVW=adjusted LVW)			120K / 150K	Gasoline plus Battery-Assist			
2008				3751-5750# LVW SPECIAL FEATURES	5 &	* ≖ not applicable	OC/TWC=oxidizing/3-way				
No.	EVAPOR/ FAMILY (	EVAF)	No.	EMISSION CONTROL SYST 2WU-TWC, TWC, 2AI	EMS (ECS)		WU= warm-up cat. U23/h023-02390 state of the				
1	8TYXR01	B0E52		2000-1040, 1040, 24	*		AIR MFI/SFI= mulupo	TOSC=turbo /super charger			
2		2		+		TBI= throttle body injection in Crosservery (partial on-board care cooler OBD (F) / {P}=fuil /partial on-board diagnostic prefix 2=parallel (2) suffix=series					
3			3	VEHICLE	EHICLES SUB	ECT TO SFTP	ABBREVIATIONS:				
EVAF No.	ECS No.	ENGIN SIZE (		MAKES & MODELS S	TANDARDS AR	E UNDERLINED xus RX 400h 2WD/					
1	1	3.3			<u>Lu</u>	*					
		<u> </u>						T) for the listed vehicles			

The exhaust and evaporative emission standards (STD) 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.

	•						_			A 49 10 10 10		hudrocar	hon CO=ca	rban monox	(de NUX=	DXIGES OF	
	GE [g/mi]	NN	IOG @ CH4 R/	RAF = * \F = *	NMOG or	CH4=metha nitrogen diurnal+ho	HCHO=torn t-soak RL	naidenyde [g/mi]=runi		ORVR Io/o	allon dis	pensed]*	bon CO=ca ity adjustme on-board re SFTP=supp	fueling vanc	eral test pr	ocedure	
CERT STD NMOG CERT				NMHC	NMHC STD	mg=millign	am mi=r	nile K=1 <u>v</u>	(=1000 miles F NOx [g/mi]		F=degrees Fahrenheit HCHO [mg/mi]		PM [g		Hwy NO	Hwy NOx [g/mi]	
		CERT CERT	[g/mi]		[g/ml]					STD	CERT	STD	CERT	STD			
0.047	0.050	[g/	mi]	[g/mi]	[3]	CERT	STD	CERT	- 310			<u> </u>	*	*	•	•	
		501/ *		*	<b>·</b>	•	•	*	1						0.005	0.03	
	@ 50K	+			0.040	0.02	1.0	0.01	0.02	+		4	• 1	0.01	0.005	0.00	
	@UL (		0.007		0.010	0.02		<u> </u>	<u> </u>		╼╧╂┈	*	*	•	• )	•	
	@ 50°F & 4K		•	*	•	1 *	•						NIM	HC+NOx	CO	[g/mi]	
		1=@4K (SULEV, ULEV,		NMHC+N	Ox [g/mi]	Dx [g/mi] CO [g/		NMHC	+NOx		[g/mi] US06]	lo/m	i] [SC03]	[SC03]			
CO [g/	ml] SFTP	1=@/	4K (SUL	er 1, TLEV)				osite)	[g/mi] [		CERT				CERT	SΠ	
@ 20°F 50K	· · · · · · · · · · · · · · · · · · ·	2 = @	2 = @ UL (Tier 1, TLEV)		CERT	STD	CERT	STD	CERT	STD					0.02	3.5	
			19 AL 201	SFTP 1	+	•	*	•	0.03	0.25	0.02	10.	.5 0.02	0.27			
ERT	RT 2.0					<u> </u>	<u> </u>		•	+	•	•		*	1 *	*	
STD	12.5			SFTP 2	•		-				) IT			VAPORATIVE FAMILY 4			
	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2			12	EVAPORATIVE FAM		ORVR 3-D		2-D	RL	ORV		
յսւ⊢						2-D	RL	ORVR	3-D	2-D	RL				+	•	
		2-D		0.03		┼──┼	*		•	*		1	·	_ <del></del>		┽┯╤	
CERT		.12	0.01			┝┈┯╾┥		*	*	•	*	•				, —	
STD	0.50 0	.50	0.05	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 at the request of the manufacturer, the listed vehicle models are certified to the optional zero-fuel evaporative emission standards in 13 CCR Section 1976 (b)(1)(E) which allows an exhaust NMOG credit of 0.002 grams per mile to be applied against the measured NMOG emissions in certification and in-use testing pursuant to CCR Section 1961(a)(11).

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 \_30 day of July 2007.

Annette Hebert, Chief Mobile Source Operations Division