

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	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	USEFU (mil		IN- COMP (*=N/A or A/E=ex	AEDIATE USE LIANCE full in-use; h. / evap. late in-use)	FUEL TYPE		
2007	7NSXT04.5G8A	LDT: <6000# GVW, 3751-5750#	"LEV II" Low Emission Vehicle (LEV II LEV)	EXH / ORVR	EVAP	EXH	EVAP	Gasoline		
		LVW			120K 150K		*			
No.	ECS &	SPECIAL FEATURES	EVAPORATIVE			DISPLACEMENT (L)				
1	2TWC(2), 2	AFS,2HO2S, SF1, OBD(P)	7NSXR0	144MBA						
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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 50⁰ 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], 1968.2 [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).

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 August 2006.

Annette Hebert, Chief Mobile Source Operations Division

California Environmental Protection Agency

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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.)

0.054 0.055 [g/m] [g/m] CU[g/m] NOX g/m] HCHO [mg/m] PM [g/m] Hwy @ 50K 0.056 0.075 0.6 3.4 0.01 0.05 15. • • 0.01 @ UL 0.064 • 0.030 0.7 4.2 0.02 0.07 • 18. • 0.01 @ 50*E 4.4K 0.108 • 0.150 1.1 3.4 0.02 0.05 • 30. • • • CO [g/m] @ 50*E 4.4K 0.108 • 0.150 1.1 3.4 0.02 0.05 • 30. • <td< th=""><th>CERT</th><th>GE [g/mi] STD</th><th colspan="2">CH4 RAF = * NMOG NMHC CERT CERT</th><th>NMOG or NMHC STD</th><th>hol-soak; mi=mile;</th><th colspan="12">CH4=methane; NMOG=non-CH4 organic gas; NMHC=non-CH4 hydrocarbon; CO=carbon monoxide; NOx=oxides of nitrogen HCHO=formaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2/3 D [g/test]=2/3 day diumal+ hot-soak; R. [g/mi]=running loss; CRVR [g/gallon dispensed]=on-board refueling vapor recovery; g=gram; mg=milligram mi=mvie; K=1000 mites; F=degrees Fahrenheit; SFTP=supplemental federal test procedure</th></td<>	CERT	GE [g/mi] STD	CH4 RAF = * NMOG NMHC CERT CERT		NMOG or NMHC STD	hol-soak; mi=mile;	CH4=methane; NMOG=non-CH4 organic gas; NMHC=non-CH4 hydrocarbon; CO=carbon monoxide; NOx=oxides of nitrogen HCHO=formaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2/3 D [g/test]=2/3 day diumal+ hot-soak; R. [g/mi]=running loss; CRVR [g/gallon dispensed]=on-board refueling vapor recovery; g=gram; mg=milligram mi=mvie; K=1000 mites; F=degrees Fahrenheit; SFTP=supplemental federal test procedure											
@ 50K 0.056 · 0.075 0.6 3.4 0.01 0.05 · 15. · · 0.01 @ UL 0.064 · 0.075 0.6 3.4 0.01 0.05 · 15. · · 0.01 @ UL 0.064 · 0.090 0.7 4.2 0.02 0.05 · 18. · · 0.01 @ 50°F & 4K 0.106 · 0.150 1.1 3.4 0.02 0.05 · 30. · · · 0.01 @ 20°F & 50K ·	0.054	0.055			[g/mi]		<u>i [ĝ/m</u> i]	NO:	x [g/mi]	<u> </u>	HO [mg/mi]				Hwy NOx [g/mi			
@ UL 0.064 0.090 0.7 4.2 0.01 0.03 15. · · 0.01 @ 50°F & 4K 0.108 · 0.150 1.1 3.4 0.02 0.05 · 30. ·	NO OWN					-{	-		_				CERT	STD	CERT	STC		
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Control (composite) (composite) (g/mi) (US06) (g/mi) (S03) ERT 4.2 SFTP @ 4000 miles - - - 0.01 0.25 5.5 10.5 0.002 0.27 0.6 STD 12.5 SFTP @ 4000 miles -		50 F & 4K	0.106	•			3.4	0.02	0.05	*		30,	*	*	*	*		
ERT 4.2 SFTP @ 4000 miles · · · 0.01 0.25 5.5 10.5 0.002 0.27 0.6 STD 12.5 SFTP @ * miles ·					(comp	isite) (composite)									CO [g/mi] [SC03]			
STD 12.5 SFTP @* miles ·					CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD		
STD 12.5 SFTP @ * miles *					•	*	1 * 1	*	0.01	0.25	5,5	10.5	0.002	0.27	0.6	3.5		
Evaporative Family (grams/test) @ UL (grams/test) @ UL (grams/mile) @ UL On-board Refuelin Recovery (grams/gal 7NSXR0144MBA 0.44 0.65 0.43 0.85 0.00 0.05 0.028 *	STD	12.5	SFTP	@ * miles	*	*	*	*	•	*	*	*			*	3.0		
7NSXR0144MBA 0.44 0.65 0.43 0.85 0.00 0.05 0.028 *	Evaporative Family		nily	(gram	s/test) @ L	UL (grams/test) @ UL			л.	(grams/mile) @ UL			Red	On-Board Refueling Vapor Recovery (grams/gallon) @ UL				
	*		<u>ه</u>													STD		
			<u> </u>													0.20		
= not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certific W=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=utra LEV; SULEY=super ULEV; TWC=3-way catalyst; DSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air-fuel ratio sensor / heated AFS; EGI CISC= turb/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/ pompressed/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel; 2007 MODEL YEAR: VEHICLE MODELS INFORMATION EVAPORATIVE INTERMEDIATE				*											*			
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DSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; Ho2S=heated O2S; AFS/HAFS=air-fuel ratio sensor / heated AFS; EGI as recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; OGI=/ fuel catalyst; CSC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=ful/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/ compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel; 2007 MODEL YEAR: VEHICLE MODELS INFORMATION EVAPORATIVE INTERMEDIATE		+		*								-		-				
EVAPORATIVE INTERMEDIATE	≐ not appl	icable: UL=us	eful life; PC=	nassenger ca	r: LDT=ligh	t-duty truck	C MDVamer	tium_duty v	-				0770 01		<u>. </u>	*		
MAKE MODEL FAMILY ECS ENGINE COMPLIANCE NO. SIZE ("=N/A or full in-use; PHASE-IN (1) A/E=exh. / evap. STD.	DSTWC= as recircul C/SC= tur	icable; UL=us ad vehicle weig adsorbing TW ation; AIR=se bo/super char	C; WU=wam condary air in per, CAC=ch	passenger ca djusted LVW n-up catalyst; njection; PAIR arge air coole G=liquefied p	OC=oxidizio I=pulsed All r; OBD (F)/ etroleum ga	ng catalyst; R; MFI= mu (P)=full/par s; E85="8	02S=oxyge Itiport fuel in tial on-board 5%" Ethanol	-transitiona in sensor; H ijection; SF I diagnostic Fuel;	ehicle; EC al LEV; UL IO2S=hea I=sequenti ; DOR=dii	S= Emiss EV=ultra I ted O2S; J al MFI; TE rect ozone	EV; SULE AFS/HAFS BI=throttle reducing;	V=super i=air- fuel body injer prefix 2=	ULEV; TWC ratio sensor ction; DGI=c parallel; (2)	:=3-way ca / heated /	atalyst; AFS; EGR =	ion; exhaust		

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