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	(mi	USEFUL LIFE (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (miles) (m		USE LIANCE full in-use; h. / evap.	FUEL TYPE	
2008	8NSXV02.5G5A	Passenger Car	"LEV II" Low Emission Vehicle (LEV II LEV)	EXH / ORVR	EVAP	EXH	EVAP	Gasoline	
		ulting with a state of a state of the state		120K	150K	•	•		
No.	ECS & SP	ECIAL FEATURES	EVAPORATIVE	FAMILY (EV)	AF)	<b>1</b>	DISPLACEMENT (L)		
1	TWC(2), AFS	HO2S, SFI, OBD(P)	BNSXRO	_					
*		+							
•		•					2.5		
•		•							

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], 1968.2 [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 2302 day of April 2007.

finette Hebert, Chief Mobile Source Operations Division

California Environmental Protection Agency 9 AIR RESOURCES BOARD

ALTIMA 2.5 COUPE

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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.)

@ 50K         0.041         *         0.075         0.3         3.4         0.02         0.05         *         15.         *         *         0.001           @ UL         0.046         *         0.090         0.4         4.2         0.03         0.07         *         18.         *         0.01         0.01           @ 50°F & 4K         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         * <th< th=""><th></th><th colspan="2" rowspan="2">Hwy NOx [g/m</th><th colspan="2" rowspan="2">STD CERT STD</th><th>O [mg/i</th><th></th><th>Fahrenheit; : [g/mi]</th><th>NO</th><th>CO [g/mi]</th><th>(</th><th>STD [g/mi]</th><th>NMHC CERT [g/mi]</th><th>NMOG CERT [g/mi]</th><th>0.040</th><th>0.035</th></th<>		Hwy NOx [g/m		STD CERT STD		O [mg/i		Fahrenheit; : [g/mi]	NO	CO [g/mi]	(	STD [g/mi]	NMHC CERT [g/mi]	NMOG CERT [g/mi]	0.040	0.035
Labor         Outst         Outst <th< td=""><td></td><td></td><td></td><td>STD</td><td>CERT</td><td>T STD</td><td>CER</td><td>+</td><td></td><td></td><td>A FON</td><td>Carlo Crownsee</td></th<>								STD	CERT	T STD	CER	+			A FON	Carlo Crownsee
CO         U.040         U.090         0.4         4.2         0.03         0.07         18.         0.01         0.01           CO         [g/mi]         STD         CERT         STD         CE	0.07					1	+	0.05	0.02		_					
CO [g/mi] @ 20*F & 50K     NMHC+NOX [g/mi] (composite)     CO [g/mi] (composite)     NMHC+NOX [g/mi] US08]     CO [g/mi] [US08]     NMHC+NOX [g/mi] [C03]     CO [g/mi]       EERT     2.0     SFTP @ 4000 miles     •     •     •     0.01     0.14     1.3     8.0     0.01     0.20     0.1       EERT     2.0     SFTP @ 4000 miles     •     •     •     0.01     0.14     1.3     8.0     0.01     0.20     0.1       EVaporative Family     3-Days Diurnal + Hot Soak (grams/test) @ UL     2-Days Diurnal + Hot Soak (grams/test) @ UL     Running Loss (grams/mile) @ UL     Recovery (grams/gallor       BNSXR0120PBA     0.23     0.50     0.36     0.65     0.00     0.05     0.03       •     •     •     •     •     •     •     •     •       •     •     •     •     •     •     •     •     •       •     •     •     •     •     •     •     •     •       •     •     •     •     •     •     •     •     •       •     •     •     •     •     •     •     •     •       •     •     •     •     •     •     •     •     • </td <td>0.01</td> <td colspan="2"></td> <td>•</td> <td>8,</td> <td>1</td> <td>+</td> <td>0.07</td> <td>0.03</td> <td>4.2</td> <td></td> <td></td> <td></td> <td></td> <td><b>•</b>•••</td> <td></td>	0.01			•	8,	1	+	0.07	0.03	4.2					<b>•</b> •••	
@ 201f #.50k       (composite)       (composite)       (g/m1] US081       US081       US081       (g/m1] (SC03]       CS         ERT       2.0       SFTP @ 4000 miles       •       •       •       0.01       0.14       1.3       8.0       0.01       0.20       0.1         STD       10.0       SFTP @ 4000 miles       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •<	+ +	*		•	+		+	*	*	•	*	*	*		50 F & 4K	
ERT         2.0         SFTP @ 4000 miles         0.0         0.01         0.14         1.3         8.0         0.01         0.20         0.1           3TD         10.0         SFTP @ 4000 miles         •         •         0.01         0.14         1.3         8.0         0.01         0.20         0.1           STD         10.0         SFTP @ * miles         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •         •	CO [g/mi] [SC03]						Ox 06]	NMHC+N [g/ml] [US			osite)	(comp			/mi] 50K	CO [g/ @ 20*F 8
STD         10.0         SFTP @ * miles         1         2         0.01         0.14         1.3         8.0         0.01         0.20         0.1           Evaporative Family         3-Days Diurnal + Hot Soak (grams/test) @ UL (grams/test) @ UL         2-Days Diurnal + Hot Soak (grams/test) @ UL         Running Loss (grams/mile) @ UL         On-Board Refueling V Recovery (grams/gallor           8NSXR0120PBA         0.23         0.50         0.36         0.65         0.00         0.05         0.03           *         *         *         *         *         *         *         *         *           *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         * <td>STC</td> <td>CERT</td> <td>\$TD</td> <td>CERT</td> <td>STD</td> <td>CERT</td> <td>TD C</td> <td>CERT</td> <td>STD</td> <td>CERT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>EDT 1</td>	STC	CERT	\$TD	CERT	STD	CERT	TD C	CERT	STD	CERT						EDT 1
StD     10.0     SFTP @* miles     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .     .<	2.7	0.1	0.20	0.01	8.0	1.3	.14	0.01	•	•					22	
Evaporative Family       (grams/test) @ UL       (grams/test) @ UL       (grams/test) @ UL       (grams/mile) @ UL       Recovery (grams/gallor         8NSXR0120PBA       0.23       0.50       0.36       0.65       0.00       0.05       0.03         *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *	+ 2.1		*		*	•	•	•	•	*	•	*	@ * miles	SFTP	10,0	עני
CERT         STD         CERT         STD         CERT         STD         CERT         STD         CERT         STD         CERT           8NSXR0120PBA         0.23         0.50         0.36         0.65         0.00         0.05         0.03           *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *         *	Vapor n) @ UL	Refueling ams/gailo	n-Board I overy (gr	O Rec				Soak L	urnal + Ho s/test) @ L	2-Days Dir (gram	UL	ns/test) @ L	(gram	niły	orative Fan	Evapo
Chromotope DA     U.23     0.50     0.36     0.65     0.00     0.05     0.03       *     *     *     *     *     *     *     *     *       *     *     *     *     *     *     *     *       *     *     *     *     *     *     *     *       *     *     *     *     *     *     *       *     *     *     *     *     *     *       *     *     *     *     *     *     *       *     *     *     *     *     *     *       *     *     *     *     *     *     *       *     *     *     *     *     *       *     *     *     *     *     *       *     *     *     *     *     *       *     *     *     *     *     *       *     *     *     *     *     *       *     *     *     *     *     *       *     *     *     *     *     *       *     *     *     *     *     *       *	STD		_		STD		CERT	D	S	CERT					VB0420DD	PMC
mot applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certifications and the standard standard; CERT= Certifications and the standard standard; CERT= Certifications and the standard; MV=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; DSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; OC=oxidizi	0.20		0.03		0.05		0.00	5	0.	0.36				<u>A</u>		0113
mot applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certificatis W=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=utra LEV; SULEV=super ULEV; TWC=3-way catalyst; s recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; DGI=direct gasoline fuel inject %C= turbo/super charger; CAC=charge air cooler; OBD (F)(P)=tul/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LN mpressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=*85%* Ethanol Fuel;  2008 MODEL YEAR: VEHICLE MODELS INFORMATION MAKE MODEL	*				*			_		*					_	
mot applicable; UL=useful life; PC=passenger car; LDT=light-duty truck: MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification W=loaded vehicle weight: ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; DSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=alr-fuel ratio sensor; heated AFS; EGR= s recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; DGI=direct gasoline fuel injection; ySC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=tul/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LN mpressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=*85%* Ethanol Fuel; 2008 MODEL YEAR: VEHICLE MODELS INFORMATION MAKE MODEL EVAPORATIVE FAMILY ECS ENGINE COMPLIANCE NO SIZE (*=N/A or full In-use; PHASE-IN				1	*		*					_	_			
MAKE       MODEL       EVAPORATIVE FAMILY       ECS NO       ENGINE       INTERMEDIATE IN-USE NO       INTERMEDIATE IN-USE (*=NA or full In-use;				1						-						
MAKE MODEL EVAPORATIVE FAMILY ECS ENGINE COMPLIANCE (****/A or full in-use; PHASE-IN	*				Cuntaria -	Contect	Emlecion /	hide ECS-	Jium-dutv ∾	ck; MDV=me	IL-OOLY BU	an, war i -iigii			und, oc-us	- not applica
intermediate in-use)	ion;	talyst; ES: ECD-	=3-way cal / hested A	EV; IWC: tin sensor	super of air- fuel n ody inject orefix 2=p;	hrottle b	O2S; AFS/ MFI; TBI=th ozone red	D2S=heated sequential DOR=direc	n sensor; H njection; SF I diagnostic; Fuel;	st; 02S=oxyge multiport fuel in artial on-board 85%" Ethanol	ng cataly: R; MFI= r (P)=full/p ks; E85=*	OC=oxidizir R=pulsed Alf er; OBD (F)/ petroleum ga	i-up catalyst; njection; PAIR arge air coole G=liquefied p	C; WU≃wam condary air ii ver: CAC≂ch	ion; AlR=sec (super charr	s recirculati

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