(Page 1 of 2)

## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-23-236 Relating to Certification of New Motor Vehicles

HONDA MOTOR CO., LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1998 model-year Honda Motor Co., Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: WHNXV03.2AAl Displacement: 3.2 Liters (194 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Dual Three Way Catalytic Converters Dual Heated Oxygen Sensors (two) Exhaust Gas Recirculation Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides	<u>Monoxide (20°F)</u>
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

The certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	<u>Monoxide (20°F)</u>
50,000	0.18	1.4	0.1	5.6
100,000	0.21	1.5	0.2	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gases (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 4th day of November 1997.

R. B. Summerfield, Chief

Mobile Source Operations Division

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1998 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

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Page	1	of	1		_

Exh std: CA Ti Veh Class(es): Single Cert St Fuel Type(s): Exh Emiss Test Evaporative Em Service Accum: NMOG Test Proc Engine Configu Valves per Cyl Drive: FWD	Std AMA Medure: N/A X ration: V-6 inder: 4 R RWD X 4WD-1	LEV LEV LDT2  SS Eng Fa  Flex-Fue:  X CBG  iesel: 13  cedure: C  od AMA X  Std  Displacem  ated HP:	49S WLEV MDV1 m: N/A (sp 1	SULEV	AB965  MDV3  LDT1, MDV1, MBi-Fuel other (specify)  (specify) Proc: SHED ubic Inches gine: Front	ORVR: YES Tier-1 MDV4 MD DV2, MDV3, M Sasoline _X Sify) _ er (specify) 40 CFR 86.:  X Pt Source	V5 DV4)  113-94
Exhaust ECS (e	.g., MFI, EGR,	rc, cac):	2TWC/2H02 (use abbr	S(2)/EGR/SFI eviations pe	r SAE J1930 J	JN93)	
(also list	Vehicle Models (if coded see	Trans.	ETW		Ignition	EGR	Catalytic

(also list	Vehicle Models (if coded see attachment)	(M5, A4	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.		Catalytic Converter Part No.
WAA1/1 (50-ST)	NSX	М6	3375	7.8	ICM: E0	EGR Valve: 10V	FRONT:EC REAR :EJ
	NSX-T		3500	7.8			