California Environmental Protection Agency AIR RESOURCES BOARD	HONDA MOTOR CO., LTD.	EXECUTIVE ORDER U-M-003-0145 New Emission-Compliant All-Terrain Vehicles Certified Using The Optional Engine Test Procedure

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the engine and exhaust emission control system produced by the manufacturer are certified as described below for all-terrain vehicles. Production vehicles, and engines that power such vehicles, shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	ENGINE DISPLACEMENT (cc)	VEHICLE TYPE	FUEL TYPE	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS
2005	XHNXX0.09CA1	86	ATV	Gasoline	PAIR

ATV=all-terrain vehicle OFMC=off-road motorcycle EM=engine modification TWC=three-way catalyst OC=oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2 (prefix)=parallel (2) (suffix)=in series

VEHICLE MODELS / ENGINE CODES (rated engine power in horsepower, hp)	TRX90 / 51F1 (6.5 hp)

The following are the exhaust hydrocarbons plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx standard as applicable, and certification levels in grams per brake horsepower-hour (g/bhp-hr) for this engine family. The designated HC+NOx standard, as applicable, shall be displayed on the permanent emission control label. Vehicles within this engine family, and engines that power such vehicles, shall not discharge any crankcase emissions into the ambient atmosphere in conformance with Title 13, California Code of Regulations, (13 CCR) Section 2412(i).

HC+NOx (g/bhp-hr)				CO (g/bhp-hr)		* = not applicable
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	
*	*	12.0	10.0	300	142	

BE IT FURTHER RESOLVED: That pursuant to 13 CCR Section 2412(e), the listed vehicles, and engines that power such vehicles, were tested in accordance with the incorporated small off-road engine test procedures, and have demonstrated compliance with the applicable emission standards.

BE IT FURTHER RESOLVED: That certification to the designated HC+NOx standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated standard shall be the exhaust limit for this engine family for the model year and cannot be changed by the manufacturer. It serves as the exhaust standard applicable to this engine family for determining engine family compliance, and compliance with the corporate average HC+NOx standard in accordance with 13 CCR Sections 2412(b), (d) and (e) and 2414.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall be subject to 13 CCR Section 2414 (enforcement and recall provisions).

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall comply with 13 CCR Sections 1965 and 2413 (emission control labels).

Vehicles, and engines that power such vehicles, certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Vehicles, and engines that power such vehicles, in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 30TH day of March 2004.

Allen Lyons, Chief
Mobile Source Operations Division

E.O.# U-M-003-0145

2005 MODEL-YEAR CERTIFICATION REVIEW SHEET - ~~OFRM~~ (ATV)

Manufacturer: Honda Motor Co., Ltd.

Exh Engine Family: XHNXX0.09CA1 (TRX90)

Evaporative Family: N/A

Evaporative Group: N/A

All Eng.Codes in Eng.Family: CA X 49S 50S

Max Rated Power 6.5 HP @ 7500 RPM

Exhaust ECS (e.g.,ECM,OC): P.A.I.R.
(Use abbreviations per SAE J1930 Sep91)

Engine Information

Displacement(cc)	86
Engine Config.	Vertical
Valves/Cylinder	2
Strokes/Cycle	4
Cooling Medium	Air
No.Carburetors	1
Bbls. per Carb.	1
Fuel Injection (Specify TBI,MFI,SFI)	N/A

	Page No. in Application	
1. Warranty Statement	N/A	
2. Warranty Parts List	N/A	
3. Tune-up label ~~& Vac Hose Diagram~~	05-051F-1	
4. Projected Sales	04-051F-1	
5. Vehicle Description	04-051F-1 & 2	
6. Durability Data Plot (Exhaust/Evaporative)	N/A	
7. Total California Sales < 500	~~YES~~	NO
8. Carry-over/Carry-Across MY & ID	Exhaust	Evaporative
Durability	1999 XHNXX0.09CA1	N/A
Bench	N/A	N/A
Emission	1999 XHNXX0.09CA1	N/A
9. Type of Evaporative Control	N/A	
10. Evap Bench Test Proc Approval	Date: N/A	
11. Fill Pipe/Access Zone	Meet N/A	Exempt N/A
12. EPA Certificate	NO N/A	Yes N/A
13. Corporate Plan	Date: N/A	

Projected Emissions (1)

~~Vehicle/~~ Engine ID	Code	Displ	Trans	EIM	RL Force	MPG	HC 1/ gm/bhp-hr	Nox 1/ gm/bhp-hr	Evap gm/t	CO2 gm/km	HC+Nox 1/ gm/bhp-hr	CO 1/ gm/bhp-hr
X1F1-01	X1F1	86	M4	N/A	N/A	N/A	5.983	4.010	N/A	N/A	9.993	141.599
Certification level		86	M4	N/A	N/A	---	---	---	N/A	---	10.0	142

(Check one)
___ 1.4 Corporate Avg.
___ 1.0 Corporate Avg.
___ 1.4
___ 1.2 Corporate Avg.
___ 10.0 Corporate Avg.1/
X 12.0 Direct Std.

(1)Comply with class 1 standards of N/A N/A N/A 300 1/
and include deterioration factors of N/A N/A N/A N/A N/A
Evaporative DF is average of Vehicle N/A and Bench N/A
The designated exhaust ~~HC~~,HC+NOx emission standard is: ~~12.0 g/km,~~ gm/bhp-hr or N/A

Remarks:

Application Processed By: [signature] Date: 3/25/04 Reviewed By: [signature] Date: 3-26-04

1/ Optional ATV certification using ULGE test procedures.

Data Issued:02/12/04