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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER M-2-383 Relating to Certification of New Motorcycles

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 the following engine and exhaust emission control systems produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles:

Model Year: 2001

Engine Family	Displacement Cubic Centimeters	Class	Exhaust Emission Control Systems & Special Features
1HNXC0.75CBA	748	Ш	Pulsed Secondary Air Injection

Vehicle models and transmissions are listed on the attachment. Production motorcycles shall be in all material respects the same as those for which certification is granted.

The following are the exhaust emission standards and exhaust certification emission values for this engine family. The designated hydrocarbons standard shall be listed on the permanent tune-up label:

Hydrocarbons S	Standards	Hydrocarbons	Carbon Monoxide		
(Corporate Average)	(Designated)	(Certification)	(Standard)	(Certification)	
Grams per Kilometer	Grams per Kilometer	Grams per Kilometer	Grams per Kilometer	Grams per Kilometer	
1.4	1.4	1.2	12	10	

BE IT FURTHER RESOLVED: That the above-described certification is subject to the following terms, limitations and conditions:

The above designated hydrocarbons standard shall be the exhaust limit for this engine family during the model year and therefore cannot be redesignated by the manufacturer. It represents the hydrocarbons exhaust emission standard applicable to this engine family that shall be applied when determining compliance of any motorcycle within this engine family pursuant to Section 2101 of Title 13, California Code of Regulations. It will also be used to determine compliance with the above corporate average hydrocarbons standard as required per Section 1958(b), Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles," as required by Section 1976, Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That these motorcycles are found exempt from compliance with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

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

Executed at El Monte, California this 3RD day of August 2000.

R. B. Summerfield, Chief

Mobile Source Operations Division

2001 HONDA Motorcycle

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Revised:

Engine Family: 1HNXC0.75CBA

Motorcycle Model Summary Form

65. Model Designation	66. Worst Case	67. Disp. (cc)	68. Bore / Stroke (mm)	69. Basic Ignition Timing (degrees)	70. Power (kW)	71. Rated Speed (RRM)	72. Rated Torque (Nm)	73. Rated Speed (RRM)
VF750C	Х	748	70.0 / 48.6	12 (BTDC)	64.1	9000	69.6	7500
						1.12		

65. Model Designation	74. EIM (kg)	75. Loaded Vehicle Weight Range (kg)	76. Road Load (nt)	77. Total Vehicle Mass (kg)	78. Full Weight with All Factory Options (kg)	79. Trans. Type	80. N/V
VF750C	340	336 - 345	143.6	345	345	M5	45.3

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Issued: 2000/06/22

Revised:

Motorcycl	e Engine Fa	amily	Informatio	on Form
. Manufacturer: Honda N	Aptor Co., Ltd.			
. Certification contact	Person, address, phone	e, and fax:		
American Honda Moto 1919 Torrance Blvd.	Certification Assistant or Co., Inc. Mail Stop ! , Torrance CA 90501-27- -3417 Fax: (310)783-35	500-2C-8A 46		cam
. Model Year: 2001		10	. Displacement (cc): 74	.8
. Process Code: New (new, correction, rev	ised, r/c, f/f, etc.)	11	. Number of Cylinder:	4
. Engine Family: 1HNXC	0.75CBA	12	. Cylinder Arrangement	: 90 Degrees V-4
50s Eng. Code: N		13	Cylinder Head Config	guration: OHV/DOHC
49s Eng. Code: N	I/A			
Calif. Eng. Code	e: 1DX1	14	. Type of Cooling: Lic	quid Cooled
. Emission Control Syst	em: PAIR	15	. Combustion Cycle: O	tto
. Calif. Designated Sta	ndard(g/km): □ N/A ⊠ HC	-1.4	. Method of Aspiration	
. Project Annual Sales:	☐ HC+NOx	17	. Fuel System: Carbure	etors
the submittal documen	espondence or reference t:N/A		Number of Catalytic	Converters: N/A
9. Adjustable Parameter			Resistance Method	Method Approved
Parameters(s)	Adjustable Range (or N/A)	Tanper	(or N/A)	reduct Approve
Carburetor Pilot Screw	Not Limited	Recess 'requir	"D" shaped head that es a special tool	Approved by EPA of 09/03/91
0. AECDs in the Emissic	n Control System:			
Exhaust System		Evap	orative System	
AECDs In System: PAIR Control Valv	e		s In System: vap CAV Control Valve	

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Revised:

Engine Family: 1HNXC0.75CBA

Motorcycle Test Information Form

27. Are you carrying over test results from a previously	certified family? ☐ Yes ☐ No ☐ O. 068
a) If yes, indicate family name: XHNXCO.75CBAb) Is the family being certified identical to the family	
28. Model Designation of Test Vehicle: VF750C, VF750C2	36. Road Load(nt): 143.6
29. Test Information Number: RO4	37. Inertia Mass (kg): 340
30. Vehicle ID: 94DX-01	38. N/V: 45.3
31. Service Accumulation Duration(km): 15014	39. Evap Bench Test Method Approval:
32. Maximum Rated Power (kW @ RPM): 64.1 @ 9000	Data: March 9, 1983 Reference: 17.01.01-1(ARB) & 17.01.02-2(ARB) thru
33. Displacement (cc): 748	17.01.02-12(ARB) in 1999 Model Year Application
34. Certification Fuel: Incolene	40. Unscheduled Maintenance: ☐ Yes ⊠ No
35. Test Data Set: 1	41. If yes Vehicle Log Provided:
42. Exhaust Emission Deterioration Factor	

			Emission	Values	
Test Number	System Kilometers	HC	8	NOx	HC+NOx
1	3417	1.07	8.1		
2	6465	1.05	8.8		
3	6495	1.00	8.9		
4	9718	1.12	8.9		
5	12731	1.13	8.8		
6	12761	1.07	8.3		
7	15014	1.13	9.5		
Interpolated	1 Values at 15,000 km		C = 1.1228 C+NOx =	$\infty = 9.0$	764
Extrapolated	Values at 30,000 km	ı: I	C = 1.2360	$\infty = 9.9$	492

HC+NOx =

Modified DF	
If Different Vehic Specify Vehicle ID	le

43	Emission	Test	Results:
40.	CHILOSILAI	Toole	The state of the s

Official Test Results		Test 1	Test 2	Test 3	Test 4
g/km	00	9.5			
g/km	Φ,	110.1			5
g/km	HC	1.13			
g/km	NOx				
g/km	HC+NOx				
g/km	Evap.	0.91			

Deteriorat Factors	
1.096	
1.101	
0.0	

44. Certification Levels:

g/km	8	10	
g/km	HC	(1.2)	
g/km	HC+NCx		
g/test	Evap.	0.9	

Application Processed by: Joseph Jegode Date: 8/3/2000 Reviewed by: Juta Date: 8/3/2000