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#### State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER M-2-377 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
1HNXC0.74AAA	745	Ш	Engine Modification

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		Hydrocarbons	Carbon	Monoxide
(Corporate Average) Grams per Kilometer	(Designated) Grams per Kilometer	(Certification) Grams per Kilometer	(Standard) Grams per Kilometer	(Certification) Grams per Kilometer
1.4	1.2	0.7	12	8

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 8 day of May 2000.

R. B. Summerfield, Chief

Mobile Source Operations Division

2001 HONDA Motorcycle

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Issued: 2000/02/10

Revised:

Engine Family: 1HNXC0.74AAA

## 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 (RPM)
VI750CD	Х	745	79.0 / 76.0	10 (BTDC)	33.6	5500	63.7	3000
VI750002		745	79.0 / 76.0	10 (BTDC)	33.6	5500	63.7	3000
VI750C3		745	79.0 / 76.0	10 (BTDC)	33.6	5500	63.7	3000
VI750CD3		745	79.0 / 76.0	10 (BTDC)	33.6	5500	63.7	3000

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
VI750CD	350	346 - 355	145.6	355	355	M5	36.1
VI750CD2	350	346 - 355	145.6	355	355	M5	36.1
VI750C3	350	346 - 355	145.6	355	355	M5	36.1
VI750CD3	350	346 - 355	145.6	355	355	M5	36.1

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Revised:

## Motorcycle Engine Family Information Form

1. Manufacturer: Honda M	Motor Co., Ltd. Person, address, phone,	and f	Eax:	
American Honda Moto 1919 Torrance Blvd.	Certification Assistant, or Co., Inc. Mail Stop 50 , Torrance CA 90501-2746 8-3417 Fax: (310)783-3510	0-2C-8		m
. Model Year: 2001			10. Displacement (cc): 74	5
. Process Code: New (new, correction, rev.	ised, r/c, f/f, etc.)		11. Number of Cylinder:	2
. Engine Family: 1HNXC	0.74AAA		12. Cylinder Arrangement:	52 Degrees V-2
50s Eng. Code: 1 49s Eng. Code: 1			13. Cylinder Head Configu	uration: OHV/OHC
Calif. Eng. Code			14. Type of Cooling: Liq	uid Cooled
Emission Control Syst	em: EM		15. Cambustian Cycle: Ot	to
. Calif. Designated Sta	ndard (g/km) : □ N/A ⊠ HC	1.2	16. Method of Aspiration:	Natural
Dondont Americal College	☐ HC+NOx	17. Fuel System: Carburetors		
Project Annual Sales:	CONFIDENTIA	L	18. Number of Catalytic C	briverters: N/A
New Technology: Ye	s 2010 espandence or reference			
. Adjustable Parameter Parameters(s)		T	amper Resistance Method (or N/A)	Method Approved
Carburetor Pilot				122
Screw	N/A	Sear	ed with an aluminum plug	N/A
. ABCDs in the Emission	n Control System:			
Exhaust System			Evaporative System	
ABCDs In System: N/A			AECOs In System: Evap CAV Control Valve	
-				
			-	
-			-	
-				-

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Revised:

0.192

Engine Family: 1HNXCO.74AAA

### Motorcycle Test Information Form

27.	Are you carrying over test result	s from a previously	certified family?	E
	a) If yes, indicate family name:	XHNXCO.74AAA	Jan. 1981	

b) Is the family being certified identical to the family from which the data is being carried over?

28. Model Designation of Test Vehicle: VI750C

29. Test Information Number: W03

30. Vehicle ID: 98DR-01

31. Service Accumulation Duration (km): 15013

32. Maximum Rated Power (kW @ RPM): 33.6 @ 5500

33. Displacement (cc): 745

34. Certification Fuel: Indolene

35. Test Data Set: 1

42. Exhaust Emission Deterioration Factor

36. Road Load (nt): 145.6

37. Inertia Mass (kg): 350

38. N/V: 36.1

39. Evap Bench Test Method Approval:

Data: March 9, 1983

Reference: 17.01.01-1(ARB) & 17.01.02-2(ARB) thru 17.01.02-12(ARB) in 1999 Model Year Application

40. Unscheduled Maintenance: ∑ Yes ☐ No

41. If yes Vehicle Log Provided:

See Section 7 page 14

		Emission Values			
Test Number	System Kilometers	HC	8	NOx	HC+NOx
1	3655	0.64	7.5		
2	6517	0.63	7.3		
3	6547	0.63	7.6		
4	9752	0.65	7.8		
5	12947	0.66	7.4		
6	12977	0.70	7.5	HIE-L	
7	15013	0.67	8.0		
Interpolated	d Values at <u>15,000</u> km	1:	HC = <u>0.6792</u> HC+NOx =	co = 7.7	229
Extrapolated	1 Values at 30,000 km	1:	HC = <u>0.7487</u> HC+NOx =	co = <u>8.1</u>	.062

Regular DF Modified DF	
If Different	t Vehicle
Specify Veh	icle ID

43. Emission Test Results:

Official Test Results		Test 1	Test 2	Test 3	Test 4
g/km	æ	8.0			
g/km	Φ,	80.2			
g/km	HC	0.67			
g/km	NOx				T TOUR DE
g/km	HC+NOx				
g/km	Evap.	0.89			

Deteriorat: Factors	ian
1.050	
1.102	
	_
0.1	

44. Certification Levels:

g/km	00	8		
g/km	HC	0.7		
g/km	HC+NOx		Name of the last	
g/test	Evap.	1.0		

Application Processed by: Joseph Tegede Date: 5/3/2000 Reviewed by: 2 Hold Date: 5/3/000