


File

	URAL AMERICA, DIVISION OF CLASSIC MOTORCYCLES & SIDECARS, INC.	EXECUTIVE ORDER M-41-3 New On-Road Motorcycles
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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 2001 model-year engine and emission control systems (ECS) produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles:

<u>Engine Family</u>	<u>Evaporative Family</u>	<u>Displacement (cm³)</u>	<u>Class</u>	<u>ECS & Special Features</u>
1YPXC0.65URL	1YPXE0066URL	649	III	EM

Vehicle Models (Equivalent Inertia Mass): 8.103-10 (410 kg), 8.103-40 (420 kg), 8.107 (420 kg), 8.123 (230 kg)

Production motorcycles shall be in all material respects the same as those for which certification is granted.

The exhaust emission standards and certification values in grams per kilometer for hydrocarbons (HC) and carbon monoxide (CO), and the HC evaporative (Evap) standard and certification value in grams per test for this engine/evaporative family are as follows:

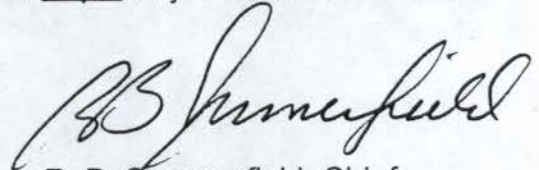
	<u>HC</u>	<u>CO</u>	<u>Evap HC</u>
<u>Standard:</u> (Effective Standard)	1.0	12	2.0 (1.8)
<u>Certification:</u>	0.9	11	1.2

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 because the listed motorcycles are certified to 0.2 grams per test or more below the applicable evaporative emission standard, the vehicles are exempt from complying 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 27th day of December 2000.



R. B. Summerfield, Chief
Mobile Source Operations Division

Motorcycle Engine Family Information Form

1. Manufacturer: **Ural America**

0.1

2. Certification Contact Person, address, phone, and fax:

Tom Lynott Ural America 8146 304 th Ave. SE Preston, WA 98050	tel: (425) 222-7738 fax: (425) 222-7739
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3. Model Year: **2001**

10. Displacement: **649 cc**

EPA Cert No.

4. Process Code: **N**
(new, correction, revision, r/c, f/f, etc.)

11. Number of Cylinders: **2**

WRAL-MC-01-01

5. Engine Family: **1YPXC0.65URL**
50s Engine Code: _____
49s Engine Code: _____
Calif. Engine Code: _____

12. Cylinder Arrangement: **opposed**

13. Cylinder Head Configuration: **OHV**

6. Emission Control System: **EM**

15. Combustion Cycle: **4 stroke**

7. Calif. Designated Standard: ~~1.0~~ **N-A**

16. Method of Aspiration: **N**

8. Projected Annual Sales:

CONFIDENTIAL

17. Fuel System: **C**

18. Number of Catalytic Converters: _____

9. New Technology ___ Yes **X** No
If yes, cite the correspondence or reference the
submittal document: _____

19. Adjustable Parameters:

Parameter(s)	Adjustable Range (or NA)	Tamper Resistance Method (or NA)	Method Approved

20. AECDs In the Emission Control Systems:

Exhaust System	Evaporative System
AECDs In System: _____	AECDs In System: _____
_____	_____
_____	_____
_____	_____
_____	_____

Processed by: Hoda Date: 11/29/00 Reviewed by: Joseph J. Reese Date: 11/30/00

Motorcycle Test Information Form

27. Are you carrying over test results from a previously certified family? Yes No
 a) If yes, indicate family name: **1YPXC0.65URL**
 b) Is the family being certified identical to the family from which the data is being carried over? Yes

28. Model Designation of Test Vehicle: **8.103-10**
 29. Test Information Number: **001**
 30. Vehicle ID: **XTB3764A7W1029972**
 31. Service Accumulation Duration: **15,000 (km)**
 32. Maximum Rated Power: **26 kW @ 5,600 RPM**
 33. Displacement: **649 cc**
 34. Certification Fuel: **Indolene**

36. Road Load: **157.8**
 37. Inertia Mass: **410**
 38. N/V: **53.3**
 39. EVAP. Bench Test Method Approved:
 Date: _____
 Reference: **assigned DF**
 40. Unscheduled Maintenance: Yes No
 41. If yes, Vehicle Log provided: _____

35. Test Data Set: **001**
 42. Exhaust Emission Deterioration Factors:

Test Number	System Kilometers	Emission Values	
		HC	CO
1	3.505	.758	5.253
2	10.057	.842	6.801
3	10.075	.769	5.187
4	15.018	.798	7.898
5			
6			
7			
Interpolated Values at 15,000 km:		HC = .8116	CO = 7.4604
Extrapolated Values at 30,000 km:		HC = .8674	CO = 10.7585

Check one:	
Regular DF	<input checked="" type="checkbox"/>
Modified DF	<input type="checkbox"/>
If different vehicle specify vehicle ID	

43. Emission Test Results:

Official Test Results		Test 1	Test 2	Test 3	Test 4
g/km	CO	7.898			
g/km	CO ²	90.961			
g/km	HC	.798			
g/test	Evap.	.666			

Deterioration Factors
(X) 1.442

(X) 1.069
(+) .500

44. Certification Levels:

g/km	CO	11.4		
g/km	HC	0.853		
g/test	Evap.	1.166		