File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER M-22-3
Relating to Certification of New Motorcycles

BUELL MOTORCYCLE COMPANY

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 1997 model-year Buell Motorcycle Company exhaust emission control systems are certified as described below for four-stroke gasoline-powered motorcycles:

Engine Family	Displacement Cubic Centimeters	Class	Exhaust Emission Control Systems & Special Features
VBL1.2P1GARA	1203	III	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 certification emission values for this engine family:

Hydrocarbons (Standard) Grams per Kilometer	Hydrocarbons (Certification) Grams per Kilometer	Carbon Monoxide (Standard) Grams per Kilometer	Carbon Monoxide (Certification) Grams per Kilometer
1.4	0.6	12	6

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 1978 and Subsequent Model Motor Vehicles".

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 16th day of January 1997.

R. B. Summerfield, Chief
Mobile Source Operations Division

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1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
MOTORCYCLES

Manufacturer: Buell Motorcycle Company

Exhaust Engine Family: VBL1.2P1GARA
Evap Family: VBL1066BNP01

Model	Engine Code	Transmission	EIM(kg)	RL Force (nt)
Buell Thunderbolt S3	4MZR56H	M-5	280	131.4
Buell Thunderbolt S3-T	4MZFT56	M-5	280	131.4
Buell S1 Lightning	4MZSS56	M-5	270	129.3
M2 Cyclone	4MZSS56	M-5	270	129.3