California Environmental Protection Agency AIR RESOURCES BOARD	BUELL MOTORCYCLE COMPANY	EXECUTIVE ORDER M-22-9 New On-Road Motorcycles

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:

Engine Family	Evaporative Family	Displacement (cm^3)	Class	ECS & Special Features
1BLXC01.2201	1BLXE0066201	1203	III	EM

Vehicle Models (Equivalent Inertia Mass): Buell X-1 Lightning (310 kg), M2 Cyclone (310 kg), S3 Thunderbolt (310 kg), S3-T Thunderbolt (310 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:

	HC	CO	Evap HC
Standard: (Effective Standard)	1.4	12	2.0 (1.8)
Certification:	1.0	6	1.7

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 19th day of March 2001.

R. B. Summerfield, Chief
Mobile Source Operations Division

EXECUTIVE ORDER M-22-9

2001 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
MOTORCYCLES

Manufacturer: Buell Motorcycle Company

Exhaust Engine Family: 1BLXC01.2201
Evap Family: 1BLXE0066201

Model	Engine Code	Transmission	EIM(kg)	RL Force (nt)
Buell X-1 Lightning;	4MZSS56	M-5	310	137.5
M2 Cyclone;	4MZSS56			
S3 Thunderbolt;	4MZRS56			
S3-T Thunderbolt	4MZFT56			

310kg

Date Issued:

Revisions: