California Environmental Protection Agency AIR RESOURCES BOARD	TRIUMPH MOTORCYCLES LTD.	EXECUTIVE ORDER M-021-0040-1 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 engine and emission control systems produced by the manufacturer are certified as described below for four-stroke gasoline-powered motorcycles. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	EVAPORATIVE FAMILY	DISPLACEMENT (cc)	CLASS
2002	2TDXC.800VRM	2TDXE0041EVD	790	III

SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	VEHICLE MODELS (equivalent inertia mass in kilograms, kg)	* = not applicable
PAIR, ECM	Bonneville (330 kg) Bonneville T100 (330 kg) Bonneville America (330 kg)	

ABBREVIATIONS: EM=engine modification TWC=three-way catalyst OC=oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler ECM=engine control module 2 (prefix)=parallel (2) (suffix)=in series

The following are the exhaust hydrocarbon and carbon monoxide emission standards, or designated hydrocarbon standard as applicable, and certification levels in grams per kilometer (g/km) and the evaporative standard and certification level in grams per test (g/test) for this engine/evaporative family. The designated hydrocarbon standard, as applicable, shall be listed on the permanent tune-up label.

HYDROCARBON (g/km)				CARBON MONOXIDE (g/km)		EVAPORATIVE (g/test)	
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL
1.4	1.0	*	1.0	12	8	2.0	1.0

BE IT FURTHER RESOLVED: That certification to the designated hydrocarbon standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated hydrocarbon standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the hydrocarbon exhaust emission standard applicable to this engine family for determining compliance with Title 13, California Code of Regulations, Sections 1958(b) and 2101.

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, Sections 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.

This Executive Order is only granted to the engine family and model-year listed above. Vehicles in this family that are produced for any other model-year are not covered by this Executive Order.

This Executive Order hereby supersedes Executive Order M-21-40 dated March 30, 2001.

Executed at El Monte, California on this 21st day of November 2001.

R. B. Summerfield, Chief
Mobile Source Operations Division