EXECUTIVE ORDER M-109-0001 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-02-003;

IT IS ORDERED AND RESOLVED: That the 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. The manufacturer shall ensure that character "C" or "3" is <u>not</u> used in the eighth (8th) position of the vehicle identification number (VIN) of all vehicles in the engine family listed below. Violation of this VIN provision may result in incorrect

MODEL YEAR	ENGINE FAMILY	EVAPORATIVE FAMILY	FNONE			
2007	7GDCC.150A01		ENGINE DISPLACEMENT (cc)	CLASS		
SDECIAL		7GDCE0052A01	150, 124, 99	1		
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS		VEHIC (equivalent inerti	LE MODELS a mass in kilograms, kg)	*= not applicable		
TWO	C, PAIR	150 cc: LK150T-14 124 cc: LK125T-14 99 cc: LK100-T (220 kg, all models)				
ABBREVIATIONS: HO2S=heated O2S TBI=throttle body fue	EM=engine modification T EGR=exhaust gas rectrcula Injection DFI=direct fuel i	NC=three-way catalyst OC=oxidizing tion AIR=secondary air injection PAIF njection TC/SC=turbo/super_charger	catalyst WUTWC/WUCC=warm-up TWC/OC O: R=pulsed AIR MFI=multi port fuel injection SFI	S=oxygen senso =sequential MFI (suffix)=in series		

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

	HC (g/km)				CO (g/km) EVAPORATIVE (g/test)			
	AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL
Ł		*	1.0	0.2	12	2	2.0	1.5

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

The designated HC standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC exhaust 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 materials 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 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.

Executed at El Monte, California on this ____

day of February 2007.

Annette Hebert, Chief Mobile Source Operations Division