EXECUTIVE ORDER U-M-035-0001

New Emission-Compliant
Off-Highway Recreational Vehicles

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 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 exhaust emission control systems produced by the manufacturer are certified as described below for off-highway recreational vehicles. 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 not used in the eighth (8<sup>th</sup>) 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 registration of the vehicles.

	DISPLACEMENT (cc)	TYPE	TYPE	EMISSION CONTROL SYSTEMS				
CGQX.049DB1	49, 72	OFMC	Gasoline	EM				
ATV=all-terrain vehicle OFMC= off-road motorcycle C2S=oxygen sensor HO2S=heated O2S EGR=exhaust gas recirculation AlR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2 (prefix)=parallel (2) (suffix)=in series  VEHICLE MODELS / ENGINE CODES (equivalent inertia mass in kilograms, (150 kg, all models)								
	ehicle OFMC= off-ro or HO2S=heated O25 ottle body fuel injection DELS / DES pertia	ehicle OFMC= off-road motorcycle EM=engine mod or HO2S=heated O2S EGR=exhaust gas recirculation ottle body fuel injection DFI=direct fuel injection TODELS / DES	chicle OFMC= off-road motorcycle EM=engine modification TWC=three-way cate or H02S=heated 02S EGR=exhaust gas recirculation AIR=secondary air injection ottle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CDELS / DES 49 cc: HS50 DES 49 cc: HS50 DES 49 cc: HS50 DES	ehicle OFMC= off-road motorcycle EM=engine modification TWC=three-way catalyst OC=oxidizin or HOSS=heated O2S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR of the body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cool DELS / DES 49 cc: HS50DB / 50S P2 cc: HS70DB / 50S				

The following are the exhaust hydrocarbon (HC) and carbon monoxide (CO) emission standards, or designated HC standard as applicable, and certification levels in grams per kilometer (g/km) for this engine family. The designated HC standard, as applicable, shall be displayed on the permanent emission control label. Vehicles within this engine family shall not discharge any crankcase emissions into the ambient atmosphere in conformance with Title 13, California Code of Regulations, (13 CCR) Section 2412(i).

HC (g/km)				CO (g/km)		
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	* = not applicable
*	*	1.2	0.9	15.0	3.5	

**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 standard shall be the exhaust limit for this engine family for the model year and cannot be changed by the manufacturer. It serves as the exhaust standard applicable to this engine family for determining engine family compliance, and compliance with the corporate average HC standard in accordance with 13 CCR Sections 2412(b) and (d) and 2414.

**BE IT FURTHER RESOLVED:** That the listed vehicles shall be subject to 13 CCR Section 2414 (enforcement and recall provisions).

**BE IT FURTHER RESOLVED**: That the listed vehicles shall comply with 13 CCR Sections 1965 and 2413 (emission control labels).

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 June 2006.

Papel Sussairty
Pallen Lyons, Chief
Mobile Source Operations Division