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 (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 registration of the vehicles.**

MODEL YEAR	ENGINE FAMILY	ENGINE DISPLACEMENT (cc)	VEHICLE TYPE	FUEL TYPE	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS
2005	5KYMX0.25LB5	249	ATV	Gasoline	EM

ATV=all-terrain vehicle OFMC= off-road motorcycle 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 2 (prefix)=parallel (2) (suffix)=in series

VEHICLE MODELS / ENGINE CODES (equivalent inertia mass in kilograms, kg)	MXU 250 / LB50 (230 kg)

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)		* = not applicable
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	
*	*	1.2	0.5	15.0	6.8	

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 9TH day of March 2005.

Allen Lyons, Chief
Mobile Source Operations Division

E.O. # ~~M~~ U-M-016-0008

2005 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
OFF ROAD MOTORCYCLES / ATVs

Manufacturer: Kwang Yang Motor Co. Ltd.
Exhaust Engine Family: 5KYMX0.25LB5
Evaporative Group:
All Engine Codes in Engine Family: CA X 49S __ 50S__
Max Rated Power: 16.7 HP @ 7500 RPM
Exhaust ECS: E.M.

Engine Information

Displacement (cc):	249.4
Engine Configuration:	Vertical single
Valves/Cylinder:	2
Strokes/Cycle:	4 stroke
Cooling Medium:	Liquid
No. Carburetors:	1
Bbls per Carb:	1
Fuel Injection:	N/A

		Page No. In Application	
1.	Tune-up Label	05.01	
2.	Projected Sales	04.11	
3.	Vehicle Description	04.00	
4.	Total California Sales <500	YES X	NO
5.	Carryover / Carry-Across MY & ID	Exhaust	
	Durability RFBLK17C84B100003	New	
	Bench	N/A	
	Emission RFBLK17C84B100003	New	
6.	Type of Evaporative Control	N/A	
7.	EPA Certificate	N/A	
8.	Corporate Plan	Date: N/A	

Vehicle ID — PROJECTED EMISSIONS (1)

	0001 Code	Displ	Trans	EIM	RL Force	KPG	HC gm/km	CO gm/km
RFBLK17C84B100003	LB50	249.4	M 5	230	121.2	91	0.525	6.761

(1) Comply with off-road standards of ____ 1.2 15.0
And include deterioration factors of ____ 1.00 1.000
Evaporative DF is average of Vehicle N/A and Bench _____
The designated exhaust HC emission standard is: ____ mg/km or N/A

Remarks:
Application Processed by: [signature] Date: 3-3-05 Reviewed by: [signature] Date: 3-3-05

Date Issued:

Revisions: