

KAWASAKI HEAVY INDUSTRIES, LTD.

EXECUTIVE ORDER U-M-001-0059 New Emission-Compliant All-Terrain Vehicles Certified Using The Optional Engine Test Procedure

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 system produced by the manufacturer are certified as described below for all-terrain vehicles. Production vehicles, and engines that power such vehicles, shall be in all material respects the same as those for which certification is granted.

MODEL ENGINE YEAR FAMILY		ENGINE VEHICLE DISPLACEMENT (cc) TYPE		FUEL TYPE	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			
2005	5KAXX.362AAA	362	ATV	Gasoline	EM			
O2S≖oxygen MFi T	sensor HO2S=heated O: Bi=throttle body fuel injec	rad motorcycle EM=engine modific 2S EGR=exhaust gas recirculation tion DFI=direct fuel injection TC	cation TWC=three-way catal AIR=secondary air Injection CSC=turbo/super charger C	lyst OC≃oxidizing n PAIR≖pulsed Alf CAC=charge air cod	g catalyst WUTWC/WUOC=warm-up TWC/OC R MFI=multi port fuel injection SFI=sequentia oler 2 (prefix)=parallel (2) (suffix)=in series			
VEHICLE MODELS / ENGINE CODES (rated engine power in horsepower, hp)		KVF360-A3 / 21 hp KVF360-B3 / 21 hp KVF360-C3 / 21 hp						

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx standard as applicable, and certification levels in grams per brake horsepower-hour (g/bhp-hr) for this engine family. The designated HC+NOx standard, as applicable, shall be displayed on the permanent emission control label. Vehicles within this engine family, and engines that power such vehicles, 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+NOx (CO (g/bhp-hr)		1		
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION	* = not applicable
10.0	10.0	*	9.0	300	251	

BE IT FURTHER RESOLVED: That pursuant to 13 CCR Section 2412(e), the listed vehicles, and engines that power such vehicles, were tested in accordance with the incorporated small off-road engine test procedures, and have demonstrated compliance with the applicable emission standards.

BE IT FURTHER RESOLVED: That certification to the designated HC+NOx 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+NOx standard in accordance with 13 CCR Sections 2412(b), (d) and (e) and 2414.

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

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

Vehicles, and engines that power such 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, and engines that power such 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 January 2004.

Allen Lions, Chief Mobile Source Operations Division