GENERAC POWER SYSTEMS, INC.

EXECUTIVE ORDER U-L-015-0008-1 New Off-Road Large Spark-Ignition Engines At & Above 19 Kilowatts

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 following new large spark-ignition engines and emission control systems produced by the manufacturer are certified for use in off-road equipment as described below. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL EN		NGINE FAMILY NAME	ENGINE DISPLACEMENT (liters)	FUEL TYPE			
2009		GNXB.9992GA	0.992, 0.9 9 9	Gasoline			
DURABILITY HOURS			AL FEATURES & CONTROL SYSTEMS	TYPICAL EQUIPMENT USAGE			
1000		Eng	ine Modificatioп	Generator, Tractor and Other Industrial Equipment			
ENGINE MODELS (rated power in kilowatt, kW)			See Attachment				

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust certification emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2433(b)(1)) and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this engine family shall have closed crankcases in conformance with 13 CCR Section 2433(b)(2).

(g/kW-hr)	HC+NOx	со		
Standards	12.0	549		
Certification Levels	5.1	202		

BE IT FURTHER RESOLVED: That for the listed engines for the aforementioned model-year, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2433(d) (certification and test procedures), 13 CCR Section 2404 (emission control labels), and 13 CCR Sections 2405 and 2406 (emission control system warranty).

Engines 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. Engines 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 U-L-015-0008 dated December 23, 2008.

Executed at El Monte, California on this ______ day of January 2009.

Annette Hebert, Chief

Mobile Source Operations Division

ATTACHMENT BY 1001

Model Year:	Page:
Manufacturer Name: Generac Power Systems	Issued:
Engine Family: 9GNXB.9992GA	Revised:
OFF-ROAD LSI ENGINE SUPPLEMENTAL INFORMATION	E.O.#: U-1-015-0008-

S12. MODEL SUMMARY (Use an asterisk (*) to identify worst-case engine model used for certification testing.)

S13.	S14.		S15. ales Cod		S16.	S17.	S18.	S19.	S20.
Engine Model	Engine Code	(Check ALL appropriate)			Eng. Displ. (Liters)	Rated Power (kW)	Rated Speed (RPM)	Peak Torque (FT-LB)	Peak Torque Speed
		Calif. Only	49- State	50- State	(2.10.0)	(477)	(** 1.7)	(1 25)	(RPM)
4583*				х	.992	23.9	3600	46.7	3600
4987				х	.992	23.9	3600	46.7	3600
5396				Χ.	.992	23.9	3600	46.7	3600
5308				Х	.992	23.9	3600	46.7	3600
5608				х	.992	23.9	3600	46.7	3600
5734				х	.992	23.9	3600	46.7	3600
5735				х	.992	23.9	3600	46.7	3600
4582				X	.992	23.9	3600	46.7	3600
4946				x	.992	23.9	3600	46.7	3600
5055				x	.992	23.9	3600	46.7	3600
5231				х	.992	23.9	3600	46.7	3600
5232				х	.992	23.9	3600	46.7	3600
4967				х	.992	23.9	3600	46.7	3600
5182				х	.992	23.9	3600	46.7	3600
5184				х	.992	23.9	3600	46.7	3600
5442				х	.992	23.9	3600	46.7	3600
5057				х	.992	23.9	3600	46.7	3600
5009				x	.992	23.9	3600	46.7	3600
4806				х	.992	23.9	3600	46.7	3600
5364				x	.992	23.9	3600	46.7	3600
5573				x	.999	25	3600	46.7	3600