California Environmental Protection Agency AIR RESOURCES BOARD	JASPER ENGINES AND TRANSMISSIONS	EXECUTIVE ORDER U-L-008-0002 New Off-Road Large Spark-Ignition Engines At & Above 25 Horsepower

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 YEAR	ENGINE FAMILY NAME	ENGINE DISPLACEMENT (liters)	FUEL TYPE
2002	2JETB07.50FE	7.5	LPG

DURABILITY HOURS	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT USAGE
N/A	Dual Three-Way Catalytic Converters, Heated Oxygen Sensor	Generator, Refrigerator and Other OEM Product

ENGINE MODELS (rated power in horsepower, hp)	Jasper 460 (101HP)

At the request of the manufacturer, this engine family is certified to meet the following hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust certification emission standards in lieu of emission standards specified inTitle 13, California Code of Regulations, (13 CCR) Section 2433(b)(1), at the following certification emission levels in grams per brake horsepower-hour (g/bhp-hr). Engines within this engine family shall have closed crankcases in conformance with 13 CCR Section 2433(b)(2).

(g/bhp-hr)	HC+NOx	CO
Standards	1.5	37.0
Certification Levels	0.6	0.6

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(c) (certification and test procedures), 13 CCR Section 2434 (emission control labels), and 13 CCR Sections 2435 and 2436 (emission control system warranty).

Engines certified under this Executive Order must comply with all applicable California emission regulations, including but not limited to testing (13 CCR Sections 2437 and 2438) and recall (13 CCR Section 2439) using the above standards and certification levels.

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.

Executed at El Monte, California on this 18TH day of July 2002.

Allen Lyons, Chief
Mobile Source Operations Division