California Environmental Protection Agency AIR RESOURCES BOARD	FUJI ROBIN INDUSTRIES, LTD.	EXECUTIVE ORDER U-U-023-0030 New Off-Road Small Spark-Ignition Engines Below 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 engine and emission control systems produced by the manufacturer are certified for use in small off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (cc)	ENGINE CLASS	FUEL TYPE
2006	6FNXS.0344GB	33.5	4-stroke, < 50 cc	Gasoline

DURABILITY HOURS	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION
300	Engine Modification	Pump, Ice Auger, Line Trimmer, Leaf Blower, Edger and Industrial Equipment

ENGINE MODELS (rated power in kilowatt, kW)	EH035A (0.524 kW)

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx), carbon monoxide (CO), and particulate matter (PM) emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2403(b)), and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this family shall have closed crankcases in conformance with Section 90.109 of the "California Exhaust Emission Standards and Test Procedures for 2005 and Later Small Off-Road Engines," adopted September 25, 2003.

(g/kW-hr)	HC+NOx	CO	PM
STANDARD	50	536	N/A
FAMILY EMISSION LEVEL	32	536	N/A
CERTIFICATION LEVEL	26	478	N/A

BE IT FURTHER RESOLVED: That the family emission level(s) (FELs), as applicable, is an emission limit declared by the manufacturer for use in the averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable exhaust emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2403(e)(1) and 2407(a).

BE IT FURTHER RESOLVED: That for the listed engines, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 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.

Quarterly reports of engines produced in this engine family for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter.

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 29th day of June 2006.

Allen Lyons, Chief
Mobile Source Operations Division

ATTACHMENT 1 OF 1

Model Year: 2006
Manufacturer: Fuji Robin Industries Ltd.
Engine Family: 6FNXS.0344GB

Issued:
Revised: 5/11/2006
E.O. Number: U-U-023-0030

Small Off-Road Engine Model Summary Form

Units for Table: kW

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
X	EH035A5	50-State	33.5	39/28(mm)	BTDC28(deg	0.524(kW)	5500	0.909(N-m)	4500	EM