State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER U-M-2-4
Relating to Certification of New
Off-Highway Recreational Vehicles and Engines

FUJI HEAVY INDUSTRIES LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and,

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1999 model-year Fuji Heavy Industries Ltd. emission control systems are certified as described below for off-highway recreational vehicles and engines used in such vehicles:

Vehicle Type: All-terrain vehicle

Fuel Type: Gasoline

Engine Family	Displacement Cubic Centimeters	Class	Exhaust Emission Control Systems and Special Features
XFJXX.3242GA	324	II	Engine Modification

Production vehicles, and engines that power such vehicles, shall be in all material respects the same as those for which certification is granted. Vehicle models and/or engines that power such vehicles are listed in the attachment.

The exhaust-emission standards and certification values for this engine family are listed below in grams per brake horsepower-hour.

Hydrocarbon plus Oxides of Nitrogen		Carbon Monoxide	
Standard	Certification	Standard	Certification
10.0	8.2	300	221

BE IT FURTHER RESOLVED: That, pursuant to Section 2412(e), Title 13 of the California Code of Regulations, the certified engines were tested in accordance with the incorporated utility engine test procedures, and have demonstrated compliance with such applicable emission standards.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall be subject to the procedures for in-use vehicle voluntary and influenced recalls, in-use vehicle ordered recalls, and in-use vehicle enforcement testing pursuant to the provisions of Section 2414(a), Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall not discharge any crankcase emissions into the ambient atmosphere pursuant to Section 2412(h), Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall comply with the emission-control label provisions of Section 1965, Title 13 of the California Code of Regulations, pursuant to the requirements of Section 2413(a), Title 13 of the California Code of Regulations ("Emission Control Labels -- New Off-Highway Recreational Vehicles").

Vehicles, and engines that power such vehicles, certified under this Executive Order must conform to all applicable California emission regulations.

Executed at El Monte, California this 23rd day of December 1998.

John Kowalski for

R. B. Summerfield, Chief
Mobile Source Operations Division

1999 XFJXX.3242GA

ATV

E.O. # U-M-2-4.

1999AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ALL/TERRAIN/VEHICLE ENGINES

Manufacturer: Fuji Heavy Industries Ltd. Engine Family: XFJXX.3242GA Engine Class: 2____

Displacement(cc):324 Engine Config: 1C/OHC Valves/Cylinder: Two Stroke/Cycle:Otto Four

Diesel ____No.of Carburetors: One Bbls. per Carb.: One Maximum Rated Power: 16 HP (11.9 kw)

@ 6,000 RPM Fuel Type: Gasoline X Diesel ___CNG_____LPG ____Other(Specify) _____

Cert Fuel: Indo X Ph-2 ____CNG___LPG ___Other(Specify) _____Diesel: 13 CCR 2282 _____

40 CFR 86.113-90 _____40 CFR 86.113-94 _____.Cooling Medium: Air Test Procedure: RGM X

CVS___ Other (Specify)____Adjust Para: None ___Non-Adjust Tamper Resist X Adjust Tamper Resist___

No Tamper Resist _____.

Emission Control System: EM (use abbreviations per SAE J1930 SEP91)_____.

Engine Model (Engine Code)	Rated HP @ RPM(SAE J1349 JUN90)	Ignition System fr. P/N	Fuel System Mfr. P/N	Catalitic Converter Part No.
ES32P01	16 HP (11.9 Kw) @6,000	N/A	N/A	N/A

Processed by_____ Date_____Reviewed by_____ Date _____.

Date Issued: Dec./9/98 Revisions:

1999AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ALL/TERRAIN/VEHICLE ENGINES

Manufacturer: Fuji Heavy Industries Ltd. Engine Family: XFJXX.3242GA Engine Class: 2 ___

Displacement(cc):324 Engine Config: 1C/OHC Valves/Cylinder: Two Stroke/Cycle:Otto Four

Diesel ____.No.of Carburetors: One Bbls. per Carb.: One Maximum Rated Power: 17.6 HP (13.1 kw)

@ 6,000 RPM Fuel Type: Gasoline X Diesel ___CNG_____LPG ____Other(Specify) _____

Cert Fuel: Indo X Ph-2 ____CNG___LPG ___Other(Specify) _____Diesel: 13 CCR 2282 _____

40 CFR 86.113-90 _____40 CFR 86.113-94 _____.Cooling Medium: Air Test Procedure: RGM X

CVS___ Other (Specify)____Adjust Para: None ___Non-Adjust Tamper Resist X Adjust Tamper Resist___

No Tamper Resist _____.

Emission Control System: EM (use abbreviations per SAE J1930 SEP91) _____.

Engine Model (Engine Code)	Rated HP @ 6000 rpm (SAE J1349 JUN90)	Ignition System P/N P/N	Fuel System P/N	Catalitic Converter P/N
ES32P01	16 HP (11.9 Kw)	N/A	N/A	N/A
ES32P02	17.6 HP (13.1 Kw)	N/A	N/A	N/A
ES32P03	17.6 HP (13.1 Kw)	N/A	N/A	N/A

Processed by_____ Date_____Reviewed by_____ Date _____.

Date Issued: Dec./9/98 Revisions: 3/8/99 (H11-15)
6/8/99 (H11-47)