#### State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER U-M-2-5 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 2000 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 Class: Spark-Ignition, four-stroke, greater than 225 cubic centimeters

Displacement Exhaust Emission Control Systems

<u>Engine Family Cubic Centimeters and Special Features</u>

YFJXX.4982GA 498/425 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 <u>Monoxide</u>			
Standard	<u>Certification</u>	Standard	<u>Certification</u>		
10.0	6.6	300	279		

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 small off-road 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 \_\_

R. B. Summerfield, Chief

day of May 1999.

Mobile Source Operations Division

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## 2000 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET ALL/TERRAIN/VEHICLE ENGINES

Manufacturer:	Fuji Heavy	Industries	Ltd.	Engine F	amily:	YFJXX.	4982GA		
Engine Class: 2 Displacement(cc): 425/498 Engine Config: 1C/OHC									
Valves/Cylinde	er: Four St	coke/Cycle:	Otto Four	_ Di	esel	<del></del>			
No.of Carburet 6,500 RPM	ors: <u>One</u> B	ols. per Ca	arb.: <u>One</u>	Maximum	Rated :	Power: _	36 HP @		
Fuel Type: Gas	soline <u>X</u> I	DieselC	NGLP	G Ot	her(Sp	ecify)			
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: Water 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 abbreviattions per SAE J1930 SEP91)									
Engine Model (Engine Code)	Rated HP @ RPM (SAE J1349 JUN90)	System			System P/N	1	Catalitic Converter Part No.		
EH42P01	26 HP (19.4 Kw) @6,000	NA		N⁄A	<del>-</del> .		N/A		
EH50P01	30 HP (22.4 Kw) @6,000	N/A		N/A			N⁄A		
EH50P02	36 HP (26.9 Kw) <b>06,</b> 500	N/A		N/A			N/A		
Processed by	Dat	:e	_Reviewed h	ру		Date_			
Date Issued: 1	Mar./31/99	Revisio	ns:						