

FUJI HEAVY INDUSTRIES, LTD.

EXECUTIVE ORDER U-U-012-0408

New Off-Road Small Spark-Ignition
Equipment

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 equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

		ENGINE	DESCRIPTION							
	MANUFACTURER	ENGINE FAI	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
FU	II HEAVY INDUSTRIES, LTD.	See	Attachments	126, 169, 211	Gasoline					
TBC = To B	e Certified	EQUIPME	NT DESCRIPTION							
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION							
2012	CFJXPNHEQCM1	2.3, 3.2	l .	lower, Compressor, Pump, Pressure Washer, lor, Non-Backpack Blower, Leaf Blower/Vacuum and Go-Cart						
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL								
Car	bon Canister/Metal Tank	See Attachments								
Metal=M Tr	reated HDPE or PE=P Co-extruded=C	Seiar=L Nylon=N Acetal=	A Other=O B. EVAPORATIVE	FAMILY 2-Lette	Other=O 2. <u>Tank Barrier Type and Code</u> er CODE (Venting Control Codes =C, S, O Do not use abbreviations for ECS types.					

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m²/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

*=not applicable	PERFORMANCE BASED (grams HC/day)										
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL								
1.20 + 0.056*Tank Vol. (L)	*	*	0.7								

BE IT FURTHER RESOLVED: That the evaporative model emission limit (EMEL), as applicable, is the diurnal emissions level declared by the manufacturer based on diurnal test results for a worst-case engine or equipment model within an evaporative family. No engine or equipment emissions within the evaporative family could be closer to its respective standard than the evaporative family emission limit differential (EFELD) calculated from the declared EMEL for the worst-case engine or equipment.

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission level differential between the effective standard level for a specific model representing the entire evaporative family and the EMEL declared for the specific model and it's for use in the averaging and banking program. It serves as the applicable evaporative emission standard for determining compliance on a corporate average basis of any equipment within this evaporative family under 13 CCR Sections 2754.1(e).

BE IT FURTHER RESOLVED: That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

Equipment 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. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.

Executed at El Monte, California on this 23 Eday of November 2011.

Annette Hebert, Chief

Mobile Source Operations Division

ATTACHMENT (Page 1 of 2)

Model Year: 2012

Manufacturer: Fuji Heavy Industries Ltd.

Issued: October 18, 2011

Page: 1

Evaporative Family: CFJXPNHEQCM1

Revised: E.O. Number:

CARB

SMALL OFF-ROAD EVAPORATIVE EQUIPMENT CERTIFICATION (Applicable to engines/equipment >80 cc engine displacement) **Certification Summary Sheet**

1. Model Year:	b) Production Plant Location/Contact 1) Contacts: Mr. Yoshimitsu Tateno Title: General manager Company: Industrial Products Company Fuji Heavy Industries Ltd. Address: 4-410 Asahi, KITAMOTO-Shi SAITAMA 364-8511 JAPAN Phone No.: 81(Japan) - 48 - 593 - 7757 Fax No.: Fax: 81(Japan) - 48 - 593 - 7795 2) Contacts: Mr. ZHANG SHIZHI Company: Shandong Huasheng Zhongtian Power Machinery Co., Ltd. Address: No.2 Zhongtian Road, Hi-Tech Industrial Development Zone, Linyi City, Shandong, CHINA Phone No.: 86(China) - 0539 - 8488779 Fax No.: 86(China) - 0539 - 8488799												
3. Evaporative Family Name: <u>CFJXPNHEQCM1</u> 4. Engine Families within the evaporative family above: CFJXS.1261SA, CFJXS.1261SB, CFJXS.1691GD, CFJXS.1691GC, CFJXS.2111GB Output Description: CFJXS.1261SB, CFJXS.1691GD, CFJXS.1691GC, CFJXS.2111GB Output Description: CFJXS.1261SB, CFJXS.1691GD, CFJXS.1691GC, CFJXS.2111GB Output Description: CFJXS.1261SB, CFJXS.1691GD, CFJXS.1691GC, CFJXS.2111GB													
5. Process Code: New 6. Executive Order: 11-11-012-0408 Confidential 7. California Sales Volume (units): 8. 50-Sales Volume (units):													
9. Equipment Application:	wblowerEdger Backpack BlowerBrushcutter pack BlowerChainsaw TrimmerXLeaf Blower/Vacuum sure WasherXGo-Cart												
10. Certification Application: a) Performance StandardsX Fill out pages 40-42, 48-53 b) Design Standards Fill out pages 40, 43-44, 48-53 c) Small Production Volume Tank Manufacturer (i) For 2006-2009 MYs only fill out pages 40 and 48 (equipment models only) (ii)For 2010 and later MYs fill out pages 40, 45-46, 48-53 d) Equipment fueled by on-road vehicle/marine vessel fuel tank Fill out pages 40, 47-53 (as applicable)													

Small Off-Road Evaporative Certification Database Form (Supplementary Information)

M	ODEL SUM	MA	RY						Small	Off-R			ve Certification tary Information		ase Form					Model Year: Manufacture Evaporative CARB
S1.	S2.		S3.		S4.	S5.	S	6.	S7.	S8.	S9.	S10.	SII.	S12.	S12a.	S13.	S13a.	S14.	S14a.	e F
Worst Case (Check One)	Engine or Equipment Mode	appropriate)	Engine Class (I Sales Codes (Check all appropriate)		Engine Class (I or II)	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)	Fuel Tank Internal Surface Area (m²)	Fuel Line Type	Nominal Fuel L (mm) (1)	Fuel Line Inside Diameter (mm) Nominal Fuel Line Length (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Tank Part Number(s)	Fuel Line Executive Order	Fuel Line Part Number(s)	Carbon Canister or Other Venting Control Executive Order	Carbon Canister Venting Control I	Model Year: 2012 Manufacturer: Fuji Heavy Industries Ltd Evaporative Family: CFJXPNHEQCM1 CARB	
eck One)	oment Model	CA Only	49- State	50- State	or II)	or CARB)	Total	Nominal	al Surface		Fuel Line Length	Diameter		itive Order	lumber(s)	tive Order	lumber(s)	or Other Executive	r or Other Part	ndustries Ltd
	EX13			х	I	CARB	2.5	2.3	0.1210	Multi -layer	110	6.35 6.0	CFJXS.1261SA	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018	G-05-018 C-U-05-003 Q-07-018	-	AO-8108] - μ
	EX13			x	1	CARB	2.5	2.3	0.1210	Multi -layer	110	6.35 6.0	CFJXS.1261SB	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018	G-05-018 C-U-05-003 Q-07-018	-	AO-8108	Issue Revis E.O.
	EX17			x	1	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	CFJXS.1691GD	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018	G-05-018 C-U-05-003 Q-07-018	-	AO-8108	Issued: Octobe Revised: E.O. Number:
	EX17T			х	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	CFJXS.1691GD	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018 Q-08-005	G-05-018 C-U-05-003 Q-07-018 Q-08-005	-	AO-8108	Issued: October 18, 2011 Revised: E.O. Number:
	EX17T			x	1	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	CFJXS.1691GC	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018 Q-08-005	G-05-018 C-U-05-003 Q-07-018 Q-08-005	-	AO-8108	2011
х	EX21			x	1	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	CFJXS.2111GC	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018	G-05-018 C-U-05-003 Q-07-018	-	AO-8108	
	EX21T			x	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	CFJXS.2111GC	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018 Q-08-005	G-05-018 C-U-05-003 Q-07-018 Q-08-005	-	AO-8108	Į.
	EX21T			x	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	CFJXS.2111GB	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018 Q-08-005	G-05-018 C-U-05-003 Q-07-018 Q-08-005	-	AO-8108	Page: 6

(1) The nominal fuel line length can be grouped into increment of ± 3 inches (76 mm).