

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 FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
FUJI HEAVY INDUSTRIES, LTD.	See Attachment 1	265, 287, 404	Gasoline
TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2010	CM	5.6, 6.8	Walk-Behind Lawnmower, Compressor, Pump, Pressure Washer, Stump Beater, Generator, Non-Backpack Blower, Leaf Blower/Vacuum and Go-Cart
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Carbon Canister/Metal Tank		See Attachment 2	
<small>A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:- Canister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code:- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. EVAPORATIVE FAMILY 2-LETTER CODE (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). Note: Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.</small>			

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/m<sup>2</sup>/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)		
	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL
1.20 + 0.056* Tank Vol. (L)	*	*	1.5

**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 7<sup>th</sup> day of December 2009.

  
Annette Hebert, Chief  
Mobile Source Operations Division

Model Year: 2010  
Manufacturer: Fuji Heavy Industries Ltd.  
Evaporative Family: CM

Issued: September 15, 2009  
Revised:  
E.O. Number: U-U-012-0365

Page: 1

**CARB**

**ATTACHMENT I**

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

1. Model Year: 2010  
2a. Manufacturer: Fuji Heavy Industries Ltd.  
2b. EPA Assigned Manufacturer Code: FJX  
2c. Manufacturer Contact Person:

5.000

a) Manufacturer Contact Contact: Mr. Jay Albright Title: Compliance Manager Company: Robin America Inc. Address: 905 Telsor Rd. Lake Zurich IL 60047  Phone No.: 847-847-2973 Fax No.: 847-438-5012 Email: jalbright@RobinAmerica.com	b) Production Plant Location/Contact Contacts: Mr. Kazuto Shimada Title: General manager Company: Industrial Products Company Fuji Heavy Industries Ltd. 4-410 Asahi, KITAMOTO-Shi SAITAMA 364-8511 JAPAN Phone No.: 81 (Japan) -48-593-7757 Fax No.: 81 (Japan) -48-593-7795 Email: shimadak@sai.subaru-fhi.co.jp
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3. Evaporative Family Name: CM  
4. Engine Families within the evaporative family above:

AFJXS.2652GW (To be certified), AFJXS.2872GA (To be certified), AFJXS.4042GB (To be certified),  
AFJXS.4042GW (To be certified), 9FJXS.2652GW (U-U-012-0316), 9FJXS.2872GA (U-U-012-0314),  
9FJXS.4042GB (U-U-012-0306), 9FJXS.4042GW (U-U-012-0304)

5. Process Code: New  
6. Executive Order: \_\_\_\_\_

**Confidential**

7. California Sales Volume (units): \_\_\_\_\_ 8. 50-Sales Volume (units): \_\_\_\_\_

9. Equipment Application:

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Walk-Behind Lawnmower | <input type="checkbox"/> Snowblower                     | <input type="checkbox"/> Edger                         |
| <input type="checkbox"/> Riding Mower                     | <input checked="" type="checkbox"/> Non-Backpack Blower | <input type="checkbox"/> Brushcutter                   |
| <input type="checkbox"/> Tractor                          | <input type="checkbox"/> Backpack Blower                | <input type="checkbox"/> Chainsaw                      |
| <input checked="" type="checkbox"/> Compressor            | <input type="checkbox"/> Line Trimmer                   | <input checked="" type="checkbox"/> Leaf Blower/Vacuum |
| <input checked="" type="checkbox"/> Pump                  | <input checked="" type="checkbox"/> Pressure Washer     | <input checked="" type="checkbox"/> Go-Cart            |
| <input type="checkbox"/> Hedge Trimmer                    | <input type="checkbox"/> Tiller                         | <input type="checkbox"/> Other                         |
| <input checked="" type="checkbox"/> Stump Beater          | <input type="checkbox"/> Ice Auger                      |  |
| <input checked="" type="checkbox"/> Generator Set         | <input type="checkbox"/> Commercial Turf                |  |

10. Certification Application:

- a) Performance Standards  X  
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)

OLDER ENGINES USED?

ALL  PARTIAL  NO

**ATTACHMENT 2**

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

Model Year: 2010  
 Manufacturer: Fuji Heavy Industries Ltd.  
 Evaporative Family: CM

Issued: September 15, 2009  
 Revised: October 29, 2009 (Ref. No. 09-116)  
 E.O. Number: 4-4-012-0363

**CARB**

**MODEL SUMMARY**

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (Check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type	S9. Nominal Fuel Line Length (mm) <sup>(1)</sup>	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S12a. Fuel Tank Part Number(s)	S13. Fuel Line Executive Order	S13a. Fuel Line Part Number(s)	S14. Carbon Canister or Other Venting Control Executive Order	S14a. Carbon Canister or Other Venting Control Part Number(s)
		CA Only	49-State	50-State			Total	Nominal											
	EX27			X	II	CARB	5.8	5.6	0.2040	Multi-layer	185	6.35 6.0	AFJXS.2652GW (To be certified)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108
	EX30			X	II	CARB	5.8	5.6	0.2040	Multi-layer	185	6.35 6.0	AFJXS.2872GA (To be certified)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108
	EX35/40			X	II	CARB	7.2	6.8	0.2328	Multi-layer	185 &35	6.35 6.0	AFJXS.4042GB (To be certified)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108
x	EH36/41			X	II	CARB	7.2	6.8	0.2166	Multi-layer	185 &35	6.35 6.0	AFJXS.4042GW (To be certified)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108
	EX27			X	II	CARB	5.8	5.6	0.2040	Multi-layer	110	6.35 6.0	9FJXS.2652GW (U-U-012-0316)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108
	EX30			X	II	CARB	5.8	5.6	0.2040	Multi-layer	110	6.35 6.0	9FJXS.2872GA (U-U-012-0314)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108
	EX35/40			X	II	CARB	7.2	6.8	0.2328	Multi-layer	185 &35	6.35 6.0	9FJXS.4042GB (U-U-012-0306)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108
	EH36/41			X	II	CARB	7.2	6.8	0.2166	Multi-layer	185 &35	6.35 6.0	9FJXS.4042GW (U-U-012-0304)	-	Metal Tank (Exempted)	G-05-018 C-U-05-003	G-05-018 C-U-05-003	-	AO-8108

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