EXECUTIVE ORDER U-U-012-0438-1 New Off-Road Small Spark-Ignition Equipment

⊘ Air Resources Board

Carbon Canister/Metal Tank

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 FAM	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)						
FUJI	HEAVY INDUSTRIES, LTD.	DFJXS.126 CFJXS.126 DFJXS.126 CFJXS.1691 DFJXS.2111	ISA (U-U-012-0401) ISA (U-U-012-0416) ISB (U-U-012-0402) ISB (U-U-012-0417) ISD (U-U-012-0404) ISD (U-U-012-0404) ISD (U-U-012-0406) ISC (U-U-012-0422)	126, 169, 211	Gasoline				
TBC = To Be		EQUIPMEN	NT DESCRIPTION						
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION Compressor, Pump, Pressure Washer, Stump Beater, Generator, Non-Backpack Blower, Leaf Blower/Vacuum and Commercial Turf						
2013	CM4	See Attachments							
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL							

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

See Attachments

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		DE	DESIGN BASED								
	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams ROG/m²/day)	CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)							
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER						
15	G-05-018, C-U-05-003, Q-07-018	*	*	1.4	25.2						

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.

This Executive Order hereby supersedes Executive Order U-U-012-0438 dated December 14, 2012.

Mobile Source Operations Division

AMACIMENT PS 10+2

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

MODEL SUMMARY

S1	S2.		S3.		S4	S5.	S	6.	S7.	S8.	S9.	S10.	S11.	S12.	S12a.	S13.	S13a.	S14.	S14a.
Worst Case (C	Engine or Equi Model	appropriate)	(Check all	Sales Codes	Engine Class (I	Fuel System (F	Vol. (Liters)	Fuel Tank	Fuel Tank Internal Area (m²)	Fuel Line Type	Nominal Fuel Line (mm) ⁽¹⁾	Fuel Line Inside (mm)	Exhaust Family	Fuel Tank Exe	Fuel Tank Part Number(s)	Fuel Line Exec	Fuel Line Part Number(s)	Carbon Canister Venting Control Order	Carbon Canister Venting Control Number(s)
(Check One)	Equipment	CA Only	49- State	50- State	I or II)	(FI or CARB)	Total	Nominal	rnal Surface		Line Length	le Diameter	Y	Executive Order	Number(s)	Executive Order	Number(s)	or Other Executive	. Canister or Other 3 Control Part 17(s)
	EX13-02			х	1	CARB	13.5	10.4	0.5090	Multi -layer	110& 260	6.35 6.0	DFJXS.1261SB CFJXS.1261SA CFJXS.1261SB DFJXS.1261SA	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018	G-05-018 C-U-05-003 Q-07-018	_	42036TA030
	EX13-03			Х	I	CARB	11.0	8.0	0.4229	Multi -layer	110& 260	6.35 6.0	DFJXS.1261SB CFJXS.1261SA CFJXS.1261SB DFJXS.1261SA	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018	G-05-018 C-U-05-003 Q-07-018	-	42036TA030
	EX13-04			Х	1	CARB	15.7	15.4	0.4676	Multi -layer	110& 260	6.35 6.0	DFJXS.1261SB CFJXS.1261SA CFJXS.1261SB DFJXS.1261SA	-	Metal Tank (Exempted)	G-05-018 C-U-05-003 Q-07-018	G-05-018 C-U-05-003 Q-07-018	-	42036TA030
	EX17-03			х	1	CARB	13.5	10.4	0.5090	Multi -layer	110& 260	6.35 6.0	DFJXS.1691GD 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	-	42036TA030
	EX17-04			х	1	CARB	12.9	10.0	0.4776	Multi -layer	110& 260	6.35 6.0	DFJXS.1691GD 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	-	42036TA030
	EX17-05			х	I	CARB	11.0	8.0	0.4229	Multi -layer	110& 260	6.35 6.0	DFJXS.1691GD 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	-	42036TA030
	EX17-06			Х	Ι	CARB	15.9	11.9	0.4385	Multi -layer	110& 260	6.35 6.0	DFJXS.1691GD 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	-	42036TA030
	EX17-07			х	I	CARB	15.7	15.4	0.4676	Multi -layer	110& 260	6.35 6.0	DFJXS.1691GD 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	-	42036TA030

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

Model Year: 2013
Manufacturer: Fuji Heavy Industries Ltd.
Evaporative Family: CM4
CARB

Issued: October 29, 2012
Revised: January 7, 2013 (Ref. No.13-002)
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AMACIMENT Pg 2 of Z Small Off-Road Evaporative Certification Database Form (Supplementary Information)

MODEL SUMMARY - Continued -

S1	S2.		S3.		S4	S5.	S	6.	S7.	S8.	S9.	S10.	S11.	S12.	S12a.	S13.	S13a.	S14.	S14a.
Worst Case (Check One)	Engine or Equipment Model	appropriate)	kall	Sales Codes	Engine Class (I	Fuel System (FI	Vol. (Liters)		Fuel Tank Internal Surface Area (m²)	Fuel Line Type	Nominal Fuel Line (mm) ⁽¹⁾	Fuel Line Inside (mm)	Exhaust Family	Fuel Tank Executive	Fuel Tank Part Number(s)	Fuel Line Executive	Fuel Line Part	Carbon Canister of Venting Control I	Carbon Canister or Other Venting Control Part Number(s)
eck One)	ment	CA Only	49- State	50- State	or II)	or CARB)	Total	Nominal	nal Surface		ine Length	e Diameter		utive Order	Number(s)	utive Order	Part Number(s)	Canister or Other Control Executive	r or Other Part
	EX21-03			Х	I	CARB	13.5	10.4	0.5090	Multi -layer	110& 260& 410	6.35 6.0	DFJXS.2111GC 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	-	42036TA030
	EX21-04			х	1	CARB	12.9	10.0	0.4776	Multi -layer	110& 260& 410	6.35 6.0	DFJXS.2111GC 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	-	42036TA030
	EX21-05			X	I	CARB	11.0	8.0	0.4229	Multi -layer	110& 260& 410	6.35 6.0	DFJXS.2111GC 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	-	42036TA030
х	EX21-06			Х	1	CARB	15.9	11.9	0.4385	Multi -layer	110& 260& 410	6.35 6.0	DFJXS.2111GC 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	-	42036TA030
	EX21-07			Х	I	CARB	15.7	15.4	0.4676	Multi -layer	110& 260& 410	6.35 6.0	DFJXS.2111GC 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	-	42036TA030

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

Model Year: 2013
Manufacturer: Fuji Heavy Industries Ltd.
Evaporative Family: CM4
CARB

Issued: October 29, 2012
Revised:
E.O. Number: u-u-012-0430-1