EXECUTIVE ORDER U-U-012-0485 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-14-012;

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	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas) Gasoline				
FUJ	I HEAVY INDUSTRIES, LTD.	See	Attachments	126, 169, 211					
TBC = To B	e Certified	EQUIPME	NT DESCRIPTION						
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION						
2015	CM1	2.3, 2.6, 3.2			essor, Pump, Pressure Washer, pack Blower, Leaf Blower/Vacuun -Cart				
EMISSION	CONTROL SYSTEMS (ECS)		ENGINE and/or I	EQUIPMENT I	MODEL				
Carl	bon Canister/Metal Tank	See Attachments							
	E (Venting Control Type/Tank Barrier Ty				Other=O 2. Tank Barrier Type and 2. Letter CODE (Venting Control Codes				

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
1.0	*	*	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 _____ day of October 2014

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Attachment Page 1 of 2

Engine Families Within The Evaporative Family

Engine Family	Executive Order Number
FFJXS.1261SB	U-U-012-0469
FFJXS.1691GC	U-U-012-0470
FFJXS.1691GD	U-U-012-0471
FFJXS.2111GB	U-U-012-0476
FFJXS.2111GC	U-U-012-0477

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

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	арргорпасе)	Sales Codes (Check all appropriate)		Engine Class (I	Fuel System (FI or CARB)	Vol. (Liters)	Fuel Tank Vol. (Liters)	Fuel Tank Internal Surface Area (m²)	Fuel Line Type	Nominal Fuel Line Length (mm) (1)	Fuel Line Insid (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 or Other Venting Control Part Number(s)
eck One)	CA Only pment Model	49- State	(I or II) 50- State	or CARB)	Total	Nominal	nal Surface		ine Length	Inside Diameter		utive Order	Number(s)	utive Order	Number(s)	r or Other Executive	Part Part		
	EX13			x	1	CARB	2.5	2.3	0.1210	Multi -layer	110	6.35 6.0	FFJXS.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 FJX-C02
	EX13			x	I	CARB	2.8	2.6	0.1277	Multi -layer	110	6.35 6.0	FFJXS.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 FJX-C02
	EX17			x	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	FFJXS.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 FJX-C02
	EX17T			x	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	FFJXS.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 FJX-C02
	EX17T			x	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	FFJXS.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 FJX-C02
x	EX21			x	I	CARB	3.4	3.2	0.1400	Multi -layer	150	6.35 6.0	FFJXS.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 FJX-C02
	EX21T			x	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35	FFJXS.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 FJX-C02
	EX21T			x	I	CARB	3.4	3.2	0.1400	Multi -layer	110	6.35 6.0	FFJXS.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 FJX-C02

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