EXECUTIVE ORDER U-U-017-0227-3 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	ILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)				
Y	AMAHA MOTOR CO., LTD.	FYMXS.2972 EYMXS.35728 FYMXS.3572	EH (U-U-017-0222) EH (U-U-017-0223) EH (U-U-017-0201-2) EH (U-U-017-0225) EH (U-U-017-0231)	254, 297, 357, 359	Gasoline				
* TBC = To	Be Certified	FOLIPMEN	T DESCRIPTION						
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE   EQUIPMENT APPLICATION							
2015	CMYMX13D	5.5, 6.1 Compressor, Pump, Stump Beater, Generator, Backpack Blower and Pressure Washer							
EMISSIO	N CONTROL SYSTEMS (ECS)		EQUIPM	ENT MODEL					
Car	bon Canister/Metal Tank		See A	ttachment					
Code:- Met		ed=C Selar=L Nylon=N A	cetal=A Other=O B. EVAPO	RATIVE FAMILY	Other=O 2. Tank Barrier Type and 2-Letter CODE (Venting Control Codes pe or code. Do not use abbreviations for				

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. (Liter)	*	*	1.1						

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 is 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.

This Executive Order hereby cancels and replaces Executive Order U-U-017-0227-2 dated March 16, 2015.

Executed at El Monte, California on this

\_\_day of July 2015.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

## ATTACHMENT B lof2 Small Off-Road Evaporative Certification Database Form (Supplementary Information)

## MODEL SUMMARY

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S1.	S2.		S3.		S4.	S5.		S6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Engine or Equipment Model	Sales Codes (check all appropriate)		Engine Class (I or	Fuel System (FI or	Fuel Tank Vol. (Liters)		Fuel Tank Internal Surface	Fuel Line Type	Nominal Fuel Line	Fuel Line Inside	Exhaust Family	Fuel Tank Executive	Fuel Line Executive Order	Carbon Canister or Other	
		CA Only	49- State	50- State	II)	CARB)	Total	Nominal	Area (m²)		Length <sup>(1)</sup> (mm)	Diameter (mm)		Order		Venting Control Executive Order
*	7CTJ-030			х	П	CARB	6.9	6.1	(Metal Tank)	Multi layer	95	5	FYMXS.3572EH EYMXS.3572EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	7CTJ-040			х	П	CARB	6.9	6.1	(Metal Tank)	Multi layer	95	5	FYMXS.3572EH EYMXS.3572EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	YP40TX			х	п	CARB	6.9	6.1	(Metal Tank)	Multi layer	95	5	FYMXS.3572EH EYMXS.3572EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	7CU1-030			Х	П	CARB	6.9	6.1	(Metal Tank)	Multi layer	95	5	FYMXS.3572EH EYMXS.3572EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	7CU1-040			Х	П	CARB	6.9	6.1	(Metal Tank)	Multi layer	95	5	FYMXS.3572EH	(Metal · Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	7CTJ-050			х	п	CARB	6.9	6.1	(Metal Tank)	Multi layer	95	5	FYMXS.3572EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	7VBJ-030		-	х	П	CARB	6.2	5.5	(Metal Tank	Multi layer	88	5	FYMXS.2972EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	7VBJ-040			х	П	CARB	6.2	5.5	(Metal Tank	Multi layer	88	5	FYMXS.2972EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	
	7KBJ-030			х	П	CARB	6.2	5.5	(Metal Tank	Multi layer	88	5	FYMXS.2542EH	(Metal Tank)	C-U-05-003 C-U-05-012 C-U-06-017 G-05-018	

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7KBJ-040         X         II         CARB         6.2         5.5         (Metal Tank layer         Multi layer         88         5         FYMXS.2542EH         (Metal Tank layer           7VBJ-050         X         II         CARB         6.2         5.5         (Metal Tank layer         Multi layer         88         5         FYMXS.2972EH         (Metal Tank layer	C-U-06-017 G-05-018 C-U-05-003 C-U-05-012
	C-U-05-003 C-U-05-012
Talik layer Talik	C-U-06-017 G-05-018
YP30TX X II CARB 6.2 5.5 (Metal Multi Tank layer 88 5 FYMXS.2972EH (Metal Tank Layer 88 5 FYMXS.2972EH Tank Tank Layer 88 7 FYMXS.2972EH Tank Tank Tank Layer 88 7 FYMXS.2972EH Tank Tank Layer 88 7 FYMXS.2972EH Tank Tank Tank Layer 88 7 FYMXS.2972EH Tank Tank Tank Tank Tank Tank Tank Tank	C-U-05-003 C-U-05-012
7HCJ-040 X II CARB 6.6 6.1 (Metal Tank) Multi layer 95 5 FYMXS.3592EH (Metal Tank)	C-U-05-003 C-U-05-012

<sup>(1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm$  3 inches (76 mm)