

ECIFUEL SYSTEMS

EXECUTIVE ORDER U-U-140-0064

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 I	DESCRIPTION					
	MANUFACTURER	ENGINE FAMI	LY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleur gas) Gasoline			
H	IONDA MOTOR'CO., LTD.	JHNXS.3892	AB (U-U-001-0862)	389				
MODEL YEAR	Be Certified EVAPORATIVE FAMILY	EQUIPMENT DESCRIPTION FUEL TANK SIZE EQUIPMENT APPLICATION						
2018	CM26H	74.22		tor Set				
EMISSIO	N CONTROL SYSTEMS (ECS)	EQUIPMENT MODEL						
Car	bon Canister/Metal Tank	See Attachment						
Code:- Meta	E (Venting Control Type/Tank Barrier Ty al=M Treated HDPE or PE=P Co-extrud ank Barrier Codes = M, P, C, L, N, A, O)	ed=C Selar=L Nylon=N Ac	etal=A Other=O B. EVAPO	RATIVE FAMILY	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					
1.20 + 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.

Executed at El Monte, California on this _____ day of December 2017.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

ATTACHMENT B (of)

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

MODEL SUMMARY

u-u-140-0064

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 II)	Fuel System (Fi or CARB)	Fuel Tank Vol. (Liters)		Fuel Fuel Tank Line Internal Type Surface Area		Nominal Fuel Line Length ⁽¹⁾ (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control	
		CA Only	49- State	50- State			Total	Nominal	(m ²)							Executive Order
1	HN390.20G			1	II	CARB	78.13	74.22	1.46	Multi- layer	1828.80	6.35	HHNXS.3892AB	Exempt Metal	Q-09-019 Q-09-022 G-05-018 Q-08-022 Q-10-004	Q-07-015b

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