EXECUTIVE ORDER U-U-001-0780-1 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.

		ENG	SINE DESCRIPTION							
100 100 100 100 100 100 100 100 100 100	MANUFACTURER	ENGIN	E FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
	HONDA MOTOR CO., LTD.	HHNXS HHNX: HHNX:	S.1191AA (U-U-001-0786) .1631AB (U-U-001-0787-1) S.1961AA (U-U-001-0818) S.1961SA (U-U-001-0819) S.1631AA (U-U-001-0779)	119 163 196 196 163	Gasoline					
TBC = To E	Be Certified	EQUIF	PMENT DESCRIPTION							
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQL	IPMENT APPLICATION						
2017	CMHNX12A	2.0, 3.1	2.0, 3.1 Compressor, Pump, Generator Set, Snowblower, Pressure Washer, Tiller, Other OEM Product							
EMISSIC	ON CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL							
	Canister / Metal		See Attachment							
Metal=M T	reated HDPE or PE=P Co-extrude	d=C Selar=L Nylon=N A	cetal=A Other=O B. EVAPORATIVE	FAMILY 2-Lette	ther=O 2. <u>Tank Barrier Type and Code</u> r CODE (Venting Control Codes =C, S, C Do not use abbreviations for ECS types.					

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						
0.95 + 0.056*Tank Vol. (L)	0.18	= (STANDARD) - (EFELD)	0.74						

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.

This Executive Order hereby supersedes Executive Order U-U-001-780 dated August 1, 2016.

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

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Issued: 05/27/16

Revised: 03/24/17 Executive Order: U-U-001-0780

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

	MODEL SUMM	ARY					,,	заррюн	ontary ii		011)					
S1.	S2.		S3.		S4.	S5. S6.		S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.	
Wors Case (Chec One)	Equipment Model	(ales Co check a propria	all	Engine Class (I or II)	Fuel Fuel Tank System (FI or CARB)				Fuel Line Type	Fuel Line Inside Length Diamete	Fuel Line Inside Diameter (mm)	side t Family meter	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting
00,		CA Only	49- State	50- State		OARB	Total	Nominal	Area		(11111)	(11111)				Control Executive Order
X	H1CH01B1-C H1CH02B1-C H1CH03B1-C H1CH05B1-C H1CH05B1-C H1CH06B1-C H1CH07B1-C H1CH09B1-C H1CH09B1-C H1CH11B1-C H1CH19B1-C H1CH19B1-C H1CH20B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C H1CH2B1-C (GX120)			×	1	CARB	2.4	2.0	0.112	FKM	140	4.5	HHNXS. 1191AA	N/A	N/A	N/A

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S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3.			S4.	S5.	S	6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
		(Sales Codes (check all appropriate)		Engin e Class (I or II)	System (FI or CARB)	Fuel Tank Vol. (Liters)		Fuel Tank Internal Surface		Nominal Fuel Line Length	Fuel Line Inside Diamete	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting
		CA Only	49- State	50- State	(i or ii)	CARB)	Total	Nomi nal	Area (m²)			r (mm)				Control Executive Order
	H1FJ01B2-C H1FJ02B2-C H1FJ03B2-C H1FJ04B2-C H1FJ06B2-C H1FJ07B2-C H1FJ09B2-C H1FJ10B2-C H1FJ11B2-C H1FJ14B2-C H1FJ15B2-C H1FJ16B2-C (GX160)			x	1	CARB	3.5	3.1	0.141	FKM	140	4.5	HHNXS. 1631AB	N/A	N/A	N/A
	H1GH01B3-C H1GH03B3-C H1GH05B3-C H1GH05B3-C H1GH13B3-C H1GH15B3-C H1GH16B3-C H1GH18B3-C H1GH19B3-C H1GH20B3-C (GX200)			x		CARB	3.5	3,1	0.141	FKM	140	4.5	HHNXS. 1961AA	N/A	N/A	N/A
	HSBH01B4-C HSBH02B4-C (GX200HS)			×	-	CARB	3.5	3.1	0.141	FKM	140	4.5	HHNXS. 1961SA	N/A	N/A	N/A
	H1FH01B5-C (GX160)			X		CARB	3.5	3.1	0.141	FKM	140	4.5	HHNXS. 1631AA	N/A	N/A	N/A