#### **Karcher North America**

EXECUTIVE ORDER U-U-216-0020 New Off-Road Small Spark-Ignition Equipment

Pursuant to the authority vested in California 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 FAR	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
BRIGG	S & STRATTON CORPORATION	JBSXS.4792	2HH (U-U-002-1042)	479	Canalina					
ŀ	HONDA MOTOR CO., LTD.	JHNXS.688	2AA (U-U-001-0867)	688	Gasoline					
	Attachment Be Certified	EQUIPME	NT DESCRIPTION							
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE EQUIPMENT APPLICATION								
2018	CO5	27.4, 17.9								
EMISSIOI	N CONTROL SYSTEMS (ECS)		ENGINE and/or	EQUIPMENT I	MODEL					
	Canister/Other		See A	ttachment						
Metai=M Tr	reated HDPE or PE=P Co-extruded=C	Seiar=L Nylon=N Acetal=A	A Other=O B. EVAPORATIVE	FAMILY 2-Lette	other=O 2. <u>Tank Barrier Type and Code</u> or 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.

*=not applicable		DESIGN BASED								
	OSE PERMEATION ims 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	C-U-06-010	*	*	1.4	Q-07-013a, Q-09-017					

BE IT FURTHER RESOLVED: That the listed equipment is in conformance with the evaporative emission requirements specified in 13 CCR Section 2766(b) (small production volume tank exemption).

**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 March 2017.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

## Attachment, 1 of 2

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

### MODEL SUMMARY

SI.		S3.		S3. S4.		S5.	S6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	S2. Engine or Equipment Model	all appropria		ales Codes (check all appropriate)		(Fl or	Fuel Tank Vol. (Liters)	Fuel Tank Internal Surface	Fuel Line Type	Nominal Fuel Line Length <sup>(1)</sup>	Fuel Line Inside Diameter	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting
		CA Only	49- State	50- State	II)		(Entro)	Area (m²)		(mm)	(mm)				Control Executive Order
	SJGDG- 3020			х	11	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-07-013A
	PGHW5- 30224E			х	II	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	HBSXS.479211H	Q-08-028	C-U-06-010	Q-09-017
	PGHW8- 35324E			х	II	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JHNXS.6882AA	Q-08-028	C-U-06-010	Q-09-017
	PGHW4- 40324E			х	11	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JHNXS.6882AA	Q-08-028	C-U-06-010	Q-09-017
	PGHW5- 50324E			х	II	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JHNXS.6882AA	Q-08-028	C-U-06-010	Q-09-017
	PGDC5- 35224E			х	П	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JBSXS.4792HH	Q-08-028	C-U-06-010	Q-09-017
	PGDC8- 35324E			х	II	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JHNXS.6882AA	Q-08-028	C-U-06-010	Q-09-017
	MHP4- 35224E			х	11	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JBSXS.4792HH	Q-08-028	C-U-06-010	Q-09-017
	SPG6- 35324E			х	II	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JHNXS.6882AA	Q-08-028	C-U-06-010	Q-09-017
	SPG8- 30324E			Х	II	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JHNXS.6882AA	Q-08-028	C-U-06-010	Q-09-017
	SPG10- 20324E			Х	11	FI	17.9	.487 m <sup>2</sup>	Multi- Layer	1193.8	6.35	JHNXS.6882AA	Q-08-028	C-U-06-010	Q-09-017

### Attachment, 2 of 2

BD- 405039E		х	II	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
BD- 455039E		Х	II	Fl	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
BD6-3500		Х	II	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
BD8-3000		х	II	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
BD10- 2000		Х	II	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
BR- 405037E		х	II	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
BR- 455037E		х	II	Fl	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
HD 4.0/50 PB Cage		Х	II	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017
HD 4.5/50 PB Cage		Х	II	FI	27.4	.629 m <sup>2</sup>	Multi- Layer	609.6	6.35	JHNXS.6882AA	C-U-07-012	C-U-06-010	Q-09-017

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