

## NORTHERN TOOL AND EQUIPMENT CO., INC.

EXECUTIVE ORDER U-U-153-0035 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 FAM	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
			AB (U-U-001-0802-1) 2AB (U-U-001-859)	270						
H	HONDA MOTOR CO., LTD.		2AD (U-U-001-0820) 2AD (U-U-001-0864)	389 Gasoline						
			2AA (U-U-001-0809) 2AA (U-U-001-0867)	688						
BRIGG	S & STRATTON CORPORATION		2HH (U-U-002-0974) 2HH (U-U-002-1042)	479	Gasoline					
S.A. = See / TBC = To B	Attachment Be Certified	EQUIPMEN	NT DESCRIPTION							
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	E	QUIPMENT A	PPLICATION					
2018	CM5	24, 38	Ger	nerator Set, Pr	essure Washer					
EMISSION	N CONTROL SYSTEMS (ECS)		ENGINE and/or E	QUIPMENT !	MODEL					
	Canister/Metal		See Attachment							
Metal=M Tr	E (Venting Control Type/Tank Barrier Ty eated HDPE or PE=P Co-extruded=C S r Codes = M, P, C, L, N, A, O). <u>Note</u> : Al	Selar=L Nylon=N Acetal=A	Other=O B. EVAPORATIVE	FAMILY 2-Lette	r CODE (Venting Control Codes =C, S,					

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		DE	SIGN BASED				
	OSE PERMEATION ms 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	Q-07-001, Q-09-019A, Q-08-005, C-U-05-003, Q-07-018	1.5	Q-16-020, Q-16-021	1.4	C-U-07-016A, Q-09-027		

**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).



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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 January 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Attachment

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

U-U-153-0035 RC#1 C-18-18

## MODEL SUMMARY

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 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
Olle)		CA Only	49- State	50- State	( II) CARE	CARB	Total	Nominal	Area (m²)		(mm)			)		Control Executive Order
	165601			х	II	CARB	31	24	.69	Multi- layer	152	4.5	JHNXS.2702AB, HHNXS.2702AB	Q-16-020	C-U-05003, Q-08-005	C-U-07- 016A
	BRPG5500			Х	II	CARB	31	24	.69	Multi- layer	152	4.5	JHNXS.2702AB, HHNXS.2702AB	Q-16-020	C-U-05003, Q-08-005	C-U-07- 016A
	165603			х	11	CARB	31	24	.69	Multi- layer	152	4.5	JHNXS.3892AB, HHNXS.3892AD	Q-16-020	Q-07-018	C-U-07- 016A
	BRPG8000			Х	II	CARB	31	24	.69	Multi- layer	152	4.5	JHNXS.3892AB, HHNXS.3892AD	Q-16-020	Q-07-018	C-U-07- 016A
	165604			х	II	CARB	31	24	.69	Multi- layer	152	4.5	JHNXS.3892AB, HHNXS.3892AD	Q-16-020	Q-07-018	C-U-07- 016A
	BRGG800ES			Х	II	CARB	31	24	.69	Multi- layer	152	4.5	JHNXS.3892AB, HHNXS.3892AD	Q-16-020	Q-07-018	C-U-07- 016A
	165605			х	II	CARB	42	38	.96	Multi- layer	508	6.35, 4.5	JHNXS.6882AA, HHNXS.6882AA	Q-16-021	C-U-05003, Q-08-005, Q-09-019A Q-07-001	Q-09-027
	165606			х	II	CARB	42	38	.96	Multi- layer	508	6.35, 4.5	JHNXS.6882AA, HHNXS.6882AA	Q-16-021	C-U-05003, Q-08-005, Q-09-019A Q-07-001	Q-09-027
	BRPG13000ES			х	H	CARB	42	38	.96	Multi- layer	508	6.35, 4.5	JHNXS.6882AA, HHNXS.6882AA	Q-16-021	C-U-05003, Q-08-005, Q-09-019A Q-07-001	Q-09-027
	165607			х	11	CARB	42	38	.96	Multi- layer	508	6.35, 4.5	JHNXS.6882AA, HHNXS.6882AA	Q-16-021	C-U-05003, Q-08-005, Q-09-019A Q-07-001	Q-09-027
Х	1572081			х	II	CARB	42	38	.96	Multi- layer	1118	6.35	JBSXS.4792НН, НВSXS.4792НН	Q-16-021	Q-09-019A	Q-09-027

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1572082		Х	II	CARB	42	38	.96	Multi- layer	1118	6.35	JBSXS.4792НН, НВSXS.4792НН	Q-16-021	Q-09-019A	Q-09-027
1572091		X	II	CARB	42	38	.96	Multi- layer	762	6.35	JHNXS.6882AA, HHNXS.6882AA	Q-16-021	Q-09-019A	Q-09-027
1572092		Х	11	CARB	42	38	.96	Multi- layer	762	6.35	JHNXS.6882AA, HHNXS.6882AA	Q-16-021	Q-09-019A	Q-09-027

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