

NORTHERN TOOL AND EQUIPMENT CO., INC.

EXECUTIVE ORDER U-U-153-0041-2 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-19-095;

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 FAMILY (E.	.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
		LHNXS.2702BB (U- KHNXS.2702BB (U-		270	Gasoline					
н	ONDA MOTOR CO., LTD.	LHNXS.3892BB (U- KHNXS.3892BB (U- JHNXS.3892AB (U-	J-001-0897-1)	389						
		LHNXS.6882BA (U- KHNXS.6882BA (U-		688						
BRIGGS	& STRATTON CORPORATION	LBSXS.4792HH (U- KBSXS.4792HH (U-		124, 133						
S.A. = See Attachment TBC = To Be Certified EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION							
2020	NTECM5	See Attachment	Generator Set, Pressure Washer							
EMISSION	I CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL								
	СМ	See Attachment								
A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. <u>Venting Control Type and Code</u> :- Canister=C Sealed Tank=S Other=O 2. <u>Tank Barrier Type and Code</u> :- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. <u>EVAPORATIVE FAMILY 2-Letter CODE</u> (Venting Control Codes = C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). <u>Note</u> : Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.										

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754, as applicable), and certification levels in g organic material hydrocarbon equivalent day¹ or g ROG·m²-day¹ or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent day¹)									
1.20 + 0.056 × Nominal Capacity (L)									
	INE PERMEATION ROG·m ⁻² ·day ⁻¹)		TANK PERMEATION ROG·m ⁻² ·day ⁻¹)	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)					
STANDARD	TANDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER		OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER				
15	15 See Attachment		See Attachment	1.4	See Attachment				

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), Section 2774 (bond requirements) 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.



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This Executive Order is only granted to the evaporative 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-153-0041-1 dated August 28, 2020.

Executed on this 12th day of November 2020.

Allen Lyons, Chief

Emissions Certification and Compliance Division

Date: __11/09/2020___ Evaporative Family: _ NTECM5__ For CARB Use Only
Executive Order: U-U-153-0041-2
Attachment __1_of_1_

Model Summary

S1. Worst Case (Check One)		Sales Codes	s (Check all			S6. Fuel Tank Volui			(e.g. Single or	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive
	S2. Model	Calif. Only 50-State	50-State	S4. Engine Class (or II)	S5. (I Fuel System (FI or CARB)	Total	Nominal	S7. Fuel Tank Internal Surface Area (m^2)							
	165601		х	II	CARB	32.08	25	0.617	Multi-Layer	736 1155 50	4.5 or 4.78 6.35 9.52	LHNXS.2702BB KHNXS.2702BB	Q-19-078 (Q-17-021)	Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-066
	BRPG5500		х	II	CARB	32.08	25	0.617	Multi-Layer	736 1155 50	4.5 or 4.78 6.35 9.52	LHNXS.2702BB KHNXS.2702BB	Q-19-078 (Q-17-021)	Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-066
	165603		х	II	CARB	32.08	25	0.617	Multi-Layer	235 127 901 38 235	4.5 4.5 or 4.78 6.35 9.52	LHNXS.3892BB KHNXS.3892BB	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-066
	BRPG8000		х	II	CARB	32.08	25	0.617	Multi-Layer	127 901 50	4.5 4.5 or 4.78 6.35 9.52	LHNXS.3892BB KHNXS.3892BB	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-066
	165604		x	II	CARB	32.08	25	0.617	Multi-Layer	235 127 901 50	4.5 4.5 or 4.78 6.35 9.52	LHNXS.3892BB KHNXS.3892BB	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/O-19-153	Q-19-066
	BRPG8000ES		х	II	CARB	32.08	25	0.617	Multi-Layer	235 127 901 50	4.5 4.5 or 4.78 6.35 9.52	LHNXS.3892BB KHNXS.3892BB	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-066
	165605		х	II	CARB	45	40	0.934	Multi-Layer	533 964 2031 50	5.3 4.5 or 4.78 6.35 9.52	LHNXS.6882BA KHNXS.6882BA	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-056
х	165606		х	II	CARB	45	40	0.934	Multi-Layer	533 964 2031 50	5.3 4.5 or 4.78 6.35 9.52	LHNXS.6882BA KHNXS.6882BA	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-056
	BRPG13000ES		х	II	CARB	45	40	0.934	Multi-Layer	533 964 2031	5.3 4.5 or 4.78 6.35 9.52	LHNXS.6882BA KHNXS.6882BA	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-056
	165607		х	II	CARB	45	40	0.934	Multi-Layer	50 533 964 2031	5.3 4.5 or 4.78 6.35 9.52	LHNXS.6882BA KHNXS.6882BA	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 O-18-031A/Q-19-153	Q-19-056
	1572081		х	II	CARB	45	40	0.934	Multi-Layer	2031 152	4.5 or 4.78 6.35	LBSXS.4792HH KBSXS.4792HH	Q-19-078 (Q-17-021)	Q-18-031A/Q-19-153 Q-18-031A/Q-19-153	Q-19-056
	1571493		х	II	CARB	45	40	0.934	Multi-Layer	533 330 2209 76	5.3 4.5 or 4.78 6.35 9.52	LHNXS.6882BA KHNXS.6882BA	Q-19-078 (Q-17-021)	Q-19-011 Q-18-031A/Q-19-153 Q-18-031A/Q-19-153 O-18-031A/Q-19-153	Q-19-056