

NORTHERN TOOL AND EQUIPMENT CO., INC.

EXECUTIVE ORDER U-U-153-0048 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)					
Н	ONDA MOTOR CO., LTD.	LHNXS.2702BB (U- MHNXS.2702BB (U- LHNXS.6882BA (U- MHNXS.6882BA (U- LHNXS.3892BB (U- MHNXS.3892BB (U-	-U-001-0980) -U-001-0942) -U-001-0993) J-001-0944-1)	270 270 688 688 389 389	Gasoline					
S.A. = See Attachment TBC = To Be Certified EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)		EQUIPMENT APPLICATION						
2022	NTECM5	See Attachment	Generator Set, Pressure Washer							
EMISSION	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. EVAPORATIVE FAMILY 2-Letter CODE (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 day or g ROG·m²-day 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·day⁻¹) 1.20 + 0.056 × Nominal Capacity (L)									
	INE PERMEATION ROG·m ⁻² ·day ⁻¹)		FANK PERMEATION ROG·m ⁻² ·day ⁻¹)	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)					
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL 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.

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.

Executed on this <u>3rd</u> day of October 2021.

Allen Lyons, Chief

Emissions Certification and Compliance Division

Date: __08/04/2021__ Evaporative Family: _ NTECM5__ For CARB Use Only Executive Order: U-U-153-0048 Attachment _1_of_1_

Model Summary

		S3	<u> </u>	1	1	Sé	S.				1			1	
		Sales Codes (Check all appropriate)				Fuel Tank Volume (Liters)									
S1. Worst Case (Check One)	S2. Model	Calif. Only	50-State	S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	Total	Nominal	S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)		\$12. Fuel Tank Executive Order	\$13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
	165601		х	II	CARB	32.08	25	0.617	Multi-Layer	736 1155 50	4.5 or 4.78 6.35 9.52	MHNXS.2702BB, LHNXS.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	Ш	CARB	32.08	25	0.617	Multi-Layer	235 127 901 38	4.5 4.5 or 4.78 6.35 9.52	MHNXS.3892BB, LHNXS.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		х	Ш	CARB	32.08	25	0.617	Multi-Layer	235 127 901 50	4.5 4.5 or 4.78 6.35 9.52	MHNXS.3892BB, LHNXS.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	Ш	CARB	45	40	0.934	Multi-Layer	533 964 2031 50	5.3 4.5 or 4.78 6.35 9.52	MHNXS.6882BA, LHNXS.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	Ш	CARB	45	40	0.934	Multi-Layer	533 964 2031 50	5.3 4.5 or 4.78 6.35 9.52	MHNXS.6882BA, LHNXS.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	533 964 2031 50	5.3 4.5 or 4.78 6.35 9.52	MHNXS.6882BA, LHNXS.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
	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	MHNXS.6882BA, LHNXS.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