## NORTHERN TOOL AND EQUIPMENT CO., INC.

EXECUTIVE ORDER U-U-153-0046 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 DESC	RIPTION								
	MANUFACTURER	ENGINE FAMILY (E.C	). NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)						
	KOHLER COMPANY	LKHXS.6942KG (U-U LKHXS.7472PF (U-U	,	694 747	Casalina						
н	ONDA MOTOR CO., LTD.	LHNXS.3892BB (U-U	-001-0944)	389	Gasoline						
S.A. = See Attachment TBC = To Be Certified  EQUIPMENT DESCRIPTION											
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)		EQUIPMENT APPLICATION							
2021	NTECP1	See Attachment		ssure Washer							
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL									
	СР	See Attachment									
Metal=M Trea		ar=L Nylon=N Acetal=A Other=O B.	EVAPORATIVE F	AMILY 2-Letter C	er=O 2. Tank Barrier Type and Code:- ODE (Venting Control Codes =C, S, O); (Tank 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 <sup>-2</sup> ·day <sup>-1</sup> )		FANK PERMEATION ROG·m <sup>-2</sup> ·day <sup>-1</sup> )	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)					
STANDARD	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>28th</u> day of December 2020.

A**ll**en **L**yons, Chief

**Emissions Certification and Compliance Division** 

Date: \_11/09/2020\_\_\_ Evaporative Family: \_\_NTECP1\_\_ For CARB Use Only Executive Order: U-U-153-0046 Attachment \_1\_of\_1\_

Model Summary

		S				Se									
		Sales Code: appro				Fuel Tank Vol	lume (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)	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 Order)
Х	157563		Х	П	CARB	61.70	60.56	1.067	Multi-layer	4929	6.35	LKHXS.6942KG	Q-20-004	Q-18-031A/Q-19-153	Q-20-024
	157564		х	П	CARB	61.70	60.56	1.067	Multi-layer	4929	6.35	LKHXS.7472PF	Q-20-004	Q-18-031A/Q-19-153	Q-20-024
	157565		х	ll ll	CARB	61.70	60.56	1.067	Multi-layer	4929	6.35	LKHXS.7472PF	Q-20-004	Q-18-031A/Q-19-153	Q-20-024
	157117		х	11	CARB	30.86	30.28	0.657	Multi-layer	1118 864	4.5 or 4.78 6.35	LHNXS.3892BB	Q-20-004	Q-18-031A/Q-19-153	Q-19-064