

## NORTHERN TOOL AND EQUIPMENT CO., INC.

EXECUTIVE ORDER U-U-153-0042 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)						
	KOHLER COMPANY	KKHXS.7252GD ( LKHXS.7252GD	U-U-005-0608-1) (U-U-005-0655)	725 725	Gasoline						
	IONDAMOTORICO LED	KHNXS.3892BB ( LHNXS.3892BB (		389 389							
ľ	HONDA MOTOR CO., LTD.	KHNXS.6882BA LHNXS.6882BA		688 688							
S.A. = See Attachment TBC = To Be Certified  EQUIPMENT DESCRIPTION											
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)		EQUIPMENT	QUIPMENT APPLICATION						
2020	NTECM3	15.14, 18.93, 30.20, Logsplitter, Pressure Washer									
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL									
	СМ	See Attachment									
A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code: Carister=C Sealed Tank=S Other=O 2. TankBarrier Type and Code: 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). Note: 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·m<sup>-2</sup>·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)									
	LINE PERMEATION ROG·m <sup>-2</sup> ·day <sup>-1</sup> )		ANK PERMEATION ROG·m <sup>-2</sup> ·day <sup>-1</sup> )	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)					
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER		CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER				
15	Q-19-011, Q-18-031A	1.5	Q-20-016	1.4	Q-19-066, Q-20-024, Q-19-094, Q-19-064				

**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 \_\_\_\_\_ day of June 2020.

Allen Jons, Chief

Emissions Certification and Compliance Division

## **Small Off-Road Evaporative Certification Database Form**

## **MODEL SUMMARY**

S1.	S2.	5	33.	S4.	S5.	S5. S6.		S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Case (Check		Codes eck all opriate)	Engine Class System (I or II) (FI or CARB)	Fuel Tank Volume (Liters)		Fuel Tank Internal Surface Area (m²)	Fuel Line Type (e.g. Single or Multi-	Nominal Fuel Line Length <sup>(1)</sup> (mm)	Fuel Line Inside Diameter (mm)	Engine Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister (or Working Capacity (g/L))/ Other Venting Control	
		CA Only	50- State			Total	Nominal		layer)						Executive Order
	157594		Х	II	CARB	20.82	18.93	.40	Multi-layer	533 2007 153 915	5.3 6.35 4.5 9.52	LHNXS.6882BA, KHNXS.6882BA	Q-20-016	Q-19-011 Q-18-031A	Q-19-066
	157595		х	II	CARB	20.82	18.93	.40	Multi-layer	533 2007 153 915	5.3 6.35 4.5 9.52	LHNXS.6882BA, KHNXS.6882BA	Q-20-016	Q-19-011 Q-18-031A	Q-19-066
	157597		Х	II	CARB	62.50	56.80	.98	Multi-layer	2006 939	6.35 4.5	LKHXS.7252GD, KKHXS.7252GD	Q-20-016	Q-18-031A	Q-20-024
	157598		Х	II	CARB	62.50	56.80	.98	Multi-layer	2006 939	6.35 4.5	LKHXS.7252GD, KKHXS.7252GD	Q-20-016	Q-18-031A	Q-20-024
х	11967		Х	II	CARB	17.97	15.14	.43	Multi-layer	533 1752 2438	5.3 6.35 9.52	LHNXS.6882BA, KHNXS.6882BA	Q-20-016	Q-19-011 Q-18-031A	Q-19-094
	157310		Х	II	CARB	39.40	30.20	.75	Multi-layer	1803 1021	6.35 4.5	LHNXS.3892BB, KHNXS.3892BB	Q-20-016	Q-19-011 Q-18-031A	Q-19-064
	BRP4030HCA		Х	II	CARB	39.40	30.20	.75	Multi-layer	1803 1021	6.35 4.5	LHNXS.3892BB, KHNXS.3892BB	Q-20-016	Q-19-011 Q-18-031A	Q-19-064

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