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)
KAWASAKI MOTORS, LTD.	NKAXS.4012CE (U-U-004-0871-1) NKAXS.6032CE (U-U-004-0875-1) NKAXS.6172CE (U-U-004-0888-1) NKAXS.7262CE (U-U-004-0881-1) NKAXS.7262CG (U-U-004-0877-1) NKAXS.7262CK (U-U-004-0883-1) NKAXS.7262CF (U-U-004-0882-1) NKAXS.8522CD (U-U-004-0887-1) MKAXS.4012CE (U-U-004-0840) MKAXS.6032CD (U-U-004-0843) MKAXS.6032CE (U-U-004-0844) MKAXS.6172CE (U-U-004-0848) MKAXS.7262CE (U-U-004-0851) MKAXS.7262CG (U-U-004-0853) MKAXS.7262CK (U-U-004-0858) MKAXS.7262CF (U-U-004-0852) MKAXS.8522CC (U-U-004-0857) MKAXS.8522CD (U-U-004-0866)	401, 603, 617, 726, 852	Gasoline
KOHLER COMPANY	NKHXS.6942KG (U-U-005-0716) NKHXS.6942EA (U-U-005-0718) MKHXS.6942KG (U-U-005-0674) MKHXS.6942EA (U-U-005-0672)	694	

*** TBC = To Be Certified**

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2023	JDXCC1	See Attachment	Commercial Turf, Lawn and Garden Tractor, ZTR – Residential, ZTR – Commercial, Other

EMISSION CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL
Canister/Co-extruded	See Attachment

A. **ECS TYPE** (Venting Control Type/Tank Barrier Type): 1. **Venting Control Type and Code**:- Canister=C Sealed Tank=S Other=O 2. **Tank Barrier 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 standard (Title 13, California Code of Regulations, 13 CCR Section 2754 or 2754.1, as applicable), and certification level in g organic material hydrocarbon equivalent·day^{-1}. The running loss emissions control has been demonstrated by the manufacturer.

*=not applicable	DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent·day^{-1})		
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL
1.20 + 0.056 × Nominal Capacity (L)	1.6	= (STANDARD) – (EFELD)	0.46

BE IT FURTHER RESOLVED: That the evaporative model emission limit (EMEL), as applicable, is the diurnal emissions level declared by the manufacturer based on diurnal test results for a worst-case engine or equipment model within an evaporative family. No engine or equipment emissions within the evaporative family could be closer to its respective standard than the evaporative family emission limit differential (EFELD) calculated from the declared EMEL for the worst-case engine or equipment.

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission level differential between the effective standard level for a specific model representing the entire evaporative family and the EMEL declared for the specific model. It serves as the applicable evaporative emission standard for determining compliance on a corporate average basis of any equipment within this evaporative family under 13 CCR Sections 2754.1.

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 27th day of May 2022.

Allen Lyons, Chief
Emissions Certification and Compliance Division

SORE Evap > 80cc Model Summary Template (rev. 2020)

For CARB Use Only
Executive Order: U-U-077-0068
Attachment _1__of_1__
RC1: 10-21-22

Date: _____ 3-Oct-22
Evaporative Family: _____ JDXCC1

Model Summary

		S3. Sales Codes (Check all appropriate)				S6. 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)**	**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)**
	1200A		X	II	CARB	15.0	13.6	0.41	Muliti-Layer	1650	6.35	MKAXS.4012CE NKAXS.4012CE	NA	Q-19-002A	Q-19-063
	S240		X	II	CARB	12.1	9.1	0.35	Muliti-Layer	2357	6.35	MKAXS.7262CF NKAXS.7262CF	NA	Q-19-002A	2.8g/L
	HPX615E		X	II	CARB	25	20	0.65	Muliti-Layer	1230	6.35	MKAXS.6172CE NKAXS.6172CE	NA	Q-19-002A	Q-19-064
	TS GATOR		X	II	CARB	22.3	18.9	0.54	Muliti-Layer	1050	6.35	MKAXS.4012CE NKAXS.4012CE	NA	Q-19-002A	1.4g/L
	TX GATOR		X	II	CARB	22.3	18.9	0.54	Muliti-Layer	1230	6.35	MKAXS.4012CE NKAXS.4012CE	NA	Q-19-002A	1.4g/L
	TX TURF GATOR		X	II	CARB	22.3	18.9	0.54	Muliti-Layer	1230	6.35	MKAXS.4012CE NKAXS.4012CE	NA	Q-19-002A	1.4g/L
	X350		X	II	CARB	13.7	12.5	0.52	Muliti-Layer	1900	6.35	MKAXS.7262CF NKAXS.7262CF	NA	Q-19-002A	2.1g/L
	X350R		X	II	CARB	9	7.6	0.43	Muliti-Layer	1880	6.35	MKAXS.7262CF NKAXS.7262CF	NA	Q-19-002A	3.4g/L
	X380		X	II	CARB	13.7	12.5	0.52	Muliti-Layer	2035	6.35	MKAXS.7262CF NKAXS.7262CF	NA	Q-19-002A	2.1g/L
X	X570		X	II	CARB	19.3	16.7	0.88	Muliti-Layer	1935	6.35	MKAXS.7262CE NKAXS.7262CE NKAXS.7262CF	NA	Q-19-002A	1.6g/L
	Z740R		X	II	CARB	40.8	31.5	1.038	Muliti-Layer	1120	6.35	MKAXS.7262CG MKAXS.7262CK NKAXS.7262CK	NA	Q-19-002A	Q-19-064
	636M		X	II	CARB	22.7	21.2	0.52	Muliti-Layer	905	6.35	MKAXS.6032CD MKAXS.6032CE NKAXS.6032CE	NA	Q-19-002A	Q-19-096
	648R		X	II	CARB	22.7	21.2	0.52	Muliti-Layer	1260	6.35	MKAXS.7262CG NKAXS.7262CG	NA	Q-19-002A	Q-19-096
	2400		X	II	CARB	42.4	30	0.95	Muliti-Layer	1505	6.35	MKHXS.6942KG NKHXS.6942KG	NA	Q-19-002A	Q-19-064
	2700		X	II	CARB	22.37	20.25	0.49	Muliti-Layer	617	6.35	MKHXS.6942EA NKHXS.6942EA	NA	Q-19-002A	Q-19-064
	Z930M		X	II	CARB	48.3	42.3	1.2	Muliti-Layer	855	6.35	MKAXS.8522CC MKAXS.8522CD NKAXS.8522CD	NA	Q-19-002A	Q-19-056