

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.

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TYPE
2024	JDXCC1	Gasoline
EVAPORATIVE EMISSION CONTROL SYSTEMS		EQUIPMENT APPLICATION
Canister (C) / Co-extruded (C)		ZTR – Commercial

Equipment/evaporative systems certified by this Executive Order are further described in Attachment.

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-test⁻¹. The running loss emissions control has been demonstrated by the manufacturer.

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)	2.3	= (STANDARD) – (EFELD)	0.56

*not applicable

BE IT FURTHER RESOLVED: That the evaporative model emission limit (EMEL), as applicable, is the diurnal or hot soak plus diurnal emission rate declared by the manufacturer based on evaporative emissions test results for the model of engine or equipment model within the evaporative family that is expected to exhibit the highest evaporative emission rate relative to the applicable diurnal or hot soak plus diurnal emission standard, obtained by following TP-902. No engine or equipment emissions within the evaporative family can have a diurnal emissions rate that is higher than the final declared EMEL established by final test data pursuant to TP-902.

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission rate differential between the diurnal or hot soak plus diurnal emission standard in Tables 1, 2 or 3 of section 2754(a) for the model of engine or equipment within the evaporative family that is expected to exhibit the highest evaporative emission rate relative to the applicable diurnal or hot soak plus diurnal emission standard and the EMEL declared for the model and is applicable to the entire evaporative family represented by the model. The EFELD is used to determine the EO holder's compliance with the applicable diurnal emission standard, on a corporate average basis, for any equipment within this evaporative family. (See Title 13 CCR Section 2754.1(f).)

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 Title 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and Sections 2760 and 2764 (emission control system warranty).

BE IT FURTHER RESOLVED: That the listed engine models are certified based on the information provided by the manufacturer in its application for certification, the manufacturer's attestation that the listed engine models meet all applicable certification requirements for 2024 model year small off-road engines in the 13 CCR Sections 2400 through 2409, and Sections 2750 through 2774, and on CARB staff's review of the information and documents submitted by the manufacturer in support of that attestation.

On December 20, 2022, CARB submitted a request that the United States Environmental Protection Agency (U.S. EPA) grant California an authorization for 2021 Amendments to its Small Off-Road Engine regulation, which establishes emission standards and other emission-related requirements for off-road spark-ignition engines rated at or below 19 kilowatts. If U.S. EPA grants California the authorization for the 2021 Amendments to the Small Off-Road Engine regulation, this Executive Order terminates on the date that U.S. EPA's authorization decision is published in the Federal Register.

Equipment certified under this Executive Order must conform to all applicable California emission regulations.



CALIFORNIA
AIR RESOURCES BOARD

JOHN DEERE

EXECUTIVE ORDER U-U-077-0071
New Off-Road Small Spark-Ignition
Equipment

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 21st day of September 2023.

A handwritten signature in blue ink that reads "Robin U. Lang".

Robin U. Lang, Chief
Emissions Certification and Compliance Division

Date: ____ 14-Sep-23
 Evaporative Family: ____ JDGCC1

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		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)
		Calif. Only	50-State			Total	Nominal								
X	Z740R	X		II	FI	31.5	30.5	1.015	Muliti-Layer	1120	6.35	PKAXS.7262CK	NA	Q-19-002A	1.6