CALIFORNIA AIR RESOURCES BOARD	CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.	EXECUTIVE ORDER U-U-082-0414 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)
CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.	LCZHS.1491V1 (U-U-082-0384) LCZHS.1591V1 (U-U-082-0385) LCZHS.2241V1 (U-U-082-0386)	132, 149 141, 159 196, 224	Gasoline

TBC = To Be Certified

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2020	CZHCNMX1	See Attachment	Chipper/Shredder, Compressor, Edger, Logsplitter, Non-Backpack Blower, Pressure Washer, Pump, Riding Mower, Stump Grinder, Tiller, Walk-Behind Mower

EMISSION CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL
Canister/Nylon	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 grams per day (g/day). 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
1.0	*	= (STANDARD) – (EFELD)	0.65

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 engine 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 at El Monte, California on this 19th day of November 2019.

Allen Lyons, Chief
Emissions Certification and Compliance Division

For CARB Use Only
Executive Order: U-U-
Attachment _____ of _____

Small Off-Road Evaporative Certification Database Form

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[(1)] (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
		CA Only	50-State			Total	Nominal								
	1X65MU_ 1X65TU_ 1X65CU_ 5X65MU_ 5X65QU_ 6X65MU_ 6X65QU_ 8X65MU_ AX65MU_ BX65MU_ 1X65LU_ 8X65QU_ 1X65QU_ BX65QU_ AX65QU_		X	I	CARB	1.4	1.3	0.08	Multi-layer	90	6.3	LCZHS.1591V1	N/A	N/A	1.92 g/L
	1X65HU_ 8X65HU_ 6X65HU_ 5X65HU_		X	I	CARB	1.3	1.0	0.08	Multi-layer	90	6.3	LCZHS.1591V1	N/A	N/A	2.5 g/L
	1X70HU_ 5X70HU_ 6X70HU_ 7X70HU_ 8X70HU_		X	I	CARB	1.3	1.0	0.08	Multi-layer	110	6.3	LCZHS.2241V1	N/A	N/A	2.5 g/L

	5X70MU_ 5X70QU_ 6X70MU_ 6X70QU_ 5X70AU_ 7X70JU_ 7X70JW_ 5X72MU_ 6X72MU_ 7X72JU_ 7X72JW_ 7X72RU_ AX70MU_ 6X70AU_ 7X70MU_ 7X70QU_ 8X70MU_ 8X70QU_ 5X72QU_ 5X72RU_ 5X72RW_ 6X72QU_ 6X72RU_ 6X72RW_ 7X72MU_ 7X72RW_ 8X72MU_ 8X72RU_ 8X72RW_ 7X70RU_		X	I	CARB	1.4	1.3	0.08	Multi-layer	110	6.3	LCZHS.2241V1	N/A	N/A	1.92 g/L
X	1R61NU_[#] 1R61RU_[#] 1R61RW_[#] 1R65NU_[#] 1R65RU_[#] 1R65RW_[#] 1R61NW_[#] 1R65NW_[#]		X	I	CARB	0.8	0.75	0.05	Multi-layer	75	6.3	LCZHS.1491V1	N/A	N/A	3.33 g/L

[#] Walk-behind application only.

(1) The nominal fuel line lengths can be grouped into increment of ± 3 inches (76 mm)
(2) Postfix _ of the model name is the designator(s) for future non-emission related revision change, may appears as other number or letter.