

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.	MCZHS.1491H1 (U-U-082-0446)	149, 132	Gasoline, Gasoline-LPG dual-fuel
	MCZHS.1631H2 (U-U-082-0458)	163	
	MCZHS.2241H2 (U-U-082-0460)	224, 208, 196	
	MCZHS.2241H3 (U-U-082-0459)	224	
	MCZHS.2241HG (U-U-082-0461)	224, 208, 196	
	MCZHS.2241DF (TBC)	224, 208	
	MCZHS.2241DG (U-U-082-0447)	224, 208	
	MCZHS.2241D2 (TBC)	224, 208	
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2021	CZHCMH3	See Attachment	Compressor, Generator Set, Logsplitter, Non-Backpack Blower, Pressure Washer, Pump, Stump Grinder, Tiller, Other
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Metal		See Attachment	
<small>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.</small>			

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⁻¹ or g ROG·m⁻²·day⁻¹ 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)					
0.95 + 0.056 × Nominal Capacity (L)					
FUEL LINE PERMEATION (g ROG·m ⁻² ·day ⁻¹)		FUEL TANK PERMEATION (g ROG·m ⁻² ·day ⁻¹)		CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	See Attachment	1.5	See Attachment	1.0, 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 12th day of December 2020.



Allen Lyons, Chief
 Emissions Certification and Compliance Division

Date: 05/08/21

Evaporative Family: CZHCMH3

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								
	GB210-2_ GB225-2_ GB225-2-03_ PB3300_ PB4000_ PB3700_ SPG3645_ PS3700_ GB225M-2_ GB225M_ GB225-2-06_		X	I	CARB	15.8	11.8	0.465	Multilayer	<=150	4	MCZHS.2241H2 MCZHS.2241HG MCZHS.2241DF MCZHS.2241D2	Q-19-010, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-029, Q-19-018, Q-19-004, Q-19-094, Q-19-042
	NH130_ NH130-01_ NH150_ NH150-01_ NH150-02_ NH150-03_ NH150-2_ PH1200_ PH1800_		X	I	CARB	5.8	4.4	0.211	Multilayer	<=250	6.3 or 4	MCZHS.1491H1	Q-19-010, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-027, Q-19-093
	GB225-2_ PB4000_ GB225-2-C3_ GB225-2-C4_ GB225-2-C5_ BPB4000_ 201049 GB225M-2_ GB210M-2-C1_ GB225M-2-C1_ GB225M-2-C2_ GB225M-2-C3_ GB225M-2-C5_ GB225M-2-C6_ GB225M-2-C7_ BPS4000_ 200978 PB3700_ GB225-2-06_ GB225-2-C6_ GB225-2-C7_		X	I	CARB	15	11	0.456	Multilayer	<=350	4	MCZHS.2241H2 MCZHS.2241HG MCZHS.2241H3 MCZHS.2241DG	Q-19-010, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-029, Q-19-018, Q-19-004, Q-19-094, Q-19-042

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		Calif. Only	50-State			Total	Nominal								
	GB160_ GB160-01_ GB160-02_ GB200_ GB200-02_ GB200-03_ GB200-04_ GB210_ GB210-01_ GB210-02_ GB210-03_ GB225_ GB225-01_ GB225-02_ HG15_ HG20_ HP3000_ HP3300_ TG20_ TG30_ WG20_ WG30	X	I	CARB	3.8	2.6	0.151	Multilayer	<=160	4	MCZHS.2241H2 MCZHS.2241HG MCZHS.1631H2	Q-19-010A, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-039, Q-19-092	
	GH210_ GH210-01_ GH210-C1_ WG20_ 92251	X	I	CARB	2.7	2	0.124	Multilayer	<=120	4	MCZHS.2241H2 MCZHS.2241HG	Q-19-010, Q-19-075	Q-19-002, Q-19-119	Q-19-039, Q-19-092	
	FH210-01_ WHXC3750_ PH3500_	X	I	CARB	16.5	11	0.475	Multilayer	<=130	4	MCZHS.2241H2 MCZHS.2241HG	Q-19-010, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-029, Q-19-018, Q-19-004, Q-19-094, Q-19-042	

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		Calif. Only	50-State			Total	Nominal								
X	FH210 FH210-C1_ FH210-C2_ PH3500_ 100907 100558 100554 100522 100896 100559 100555 GB225-2_ GB225-2-C1_ GB225-2-C2_ PB3700_ 100826 100828 100830 100827 100831 FH210-C3_ FH210-C4		X	I	CARB	23	17.8	0.539	Multilayer	<=130	4	MCZHS.2241H2 MCZHS.2241HG	Q-19-010, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-018, Q-19-004
	GB225_ GB225-2_ GB225-2-04_ GB225-2-05_ BPP4000_		X	I	CARB	11.3	9.6	0.292	Multilayer	<=350	6.3 or 4	MCZHS.2241H2 MCZHS.2241HG MCZHS.2241H3	Q-19-010	Q-19-002, Q-19-119	Q-19-029, Q-19-042
	FH210-02_ FH210-04_ KH3500_		X	I	CARB	15.5	13	0.379	Multilayer	<=450	4	MCZHS.2241H2 MCZHS.2241HG	Q-19-010, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-029, Q-19-018, Q-19-004, Q-19-094, Q-19-042

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		Calif. Only	50-State			Total	Nominal								
	GB225_ GB225-2_ GB225-2-C3_ GB225-2-C4_ GB225-2-C5_ BPP4000_ 100892 200954 200955 200912 200913 GB210M-2-C1_ GB225M-2-C1_ GB225M-2-C2_ GB225M-2-C3_ GB225M-2-C5_ GB225M-2-C6_ GB225M-2-C7_ BPS4000 200914 200977 GB225-2-C6_ GB225-2-C7_		X	I	CARB	19	15.2	0.502	Multilayer	<=320	4	MCZHS.2241H2 MCZHS.2241HG MCZHS.2241H3 MCZHS.2241DG	Q-19-010, Q-19-023, Q-19-075	Q-19-002, Q-19-119	Q-19-029, Q-19-018, Q-19-004, Q-19-094, Q-19-042
	GB210M-2_ GB210M-2-01_ GB225M-2_ GB225M-2-01_ PS3300_ PS4000_ PS3700_ QPL-4500DF QPL-5250DF GB225M-2-02_ GB210M-2-02_		X	I	CARB	16.09	15	0.473	Multilayer	<=150	6.3 or 4	MCZHS.2241DF	Q-19-078	Q-19-002, Q-19-119	Q-19-029, Q-19-018, Q-19-004, Q-19-094, Q-19-042

