

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.1491H1 (U-U-082-0388) LCZHS.2241H2 (U-U-082-0403) LCZHS.2241HG (U-U-082-0402) LCZHS.2241DF (U-U-082-0411)	132, 149 224, 208, 196 224, 208, 196 224, 208	Gasoline, Gasoline-LPG dual-fuel
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2020	CZHCMH3	See Attachment	Compressor, Generator Set, Logsplitters, 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 Setar=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). <u>Note:</u> 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<sup>-1</sup> or g ROG·m<sup>-2</sup>·day<sup>-1</sup> 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 <sup>-1</sup> )e					
0.95 + 0.056 × Nominal Capacity (L)					
FUEL LINE PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )e		FUEL TANK PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )e		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	Q-19-002 (Q-14-008)e	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 at El Monte, California on this 6<sup>th</sup> day of December 2019.

  
 Allen Lyons, Chief  
 Emissions Certification and Compliance Division

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 <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-layer)	S9. Nominal Fuel Line Length <sup>(1)</sup> (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								
	GB210-2-01_ GB225-2_ PB3300_ PB4000_ SPG3645_ PS3700_ GB225M-2_ GB225M		X	I	CARB	15.8	11.8	0.465	Multi-layer	126	4.0	LCZHS.2241H2 LCZHS.2241HG LCZHS.2241DF	Q-19-010 (Q-17-022A), Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-029 (Q-17-060), Q-19-018 (Q-11-001), Q-19-004, Q-19-094 (C-U-06-007A)
	FH210_ GB210-2_ GB225-2_ GB225-2-01_ PB3000_ PB3300_ PB3700_ PB4000_ PS3700_ GB225M-2_ GB225M		X	I	CARB	15.0	13.0	0.470	Multi-layer	126	4.0	LCZHS.2241H2 LCZHS.2241HG LCZHS.2241DF	Q-19-010 (Q-17-022A), Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-029 (Q-17-060), Q-19-018 (Q-11-001), Q-19-004, Q-19-094 (C-U-06-007A)
	NH130_ NH130-01_ NH150_ NH150-01_ NH150-02_ NH150-03_ NH150-04_ NH150-2_ NH150-2-01_ PH1200_ PH1800		X	I	CARB	5.8	4.4	0.211	Multi-layer	210 or 231 or 95	6.3 or 4.0	LCZHS.1491H1	Q-19-010 (Q-17-022A), Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-027 (Q-11-002), Q-19-093 (C-U-06-031A)

GB200 GB200-01 GB200-02 GB200-03 GB200-04 GB210 GB210-01 GB210-02 GB210-03 GB225 WG20 GB225-01 GB225-02 HP3000 HP3300 HG15 TG20 WG30 HG20 TG30			X	I	CARB	3.8	2.6	0.151	Multi-layer	155	4.0	LCZHS.2241H2 LCZHS.2241HG	Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-039 (Q-13-008), Q-19-092 (C-U-06-003)
GH210 GH210-01 WG20			X	I	CARB	2.7	2.0	0.124	Multi-layer	108	4.0	LCZHS.2241H2 LCZHS.2241HG	Q-19-010 (Q-17-022A), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-039 (Q-13-008), Q-19-092 (C-U-06-003)
FH210 FH210-03 WH3250 PH3500			X	I	CARB	16.5	11.0	0.475	Multi-layer	126	4.0	LCZHS.2241H2 LCZHS.2241HG	Q-19-010 (Q-17-022A), Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-029 (Q-17-060), Q-19-018 (Q-11-001), Q-19-004, Q-19-094 (C-U-06-007A)
100522 100554 100555 100826 100827 100828 100830 100831 FH210 170F PH3500 GB225 PB3700			X	I	CARB	23	17.8	0.539	Multi-layer	126	4.0	LCZHS.2241H2 LCZHS.2241HG	Q-19-010 (Q-17-022A), Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-018 (Q-11-001)
GB225 GB225-2 GB225-2-02 BP84000			X	I	CARB	11.3	9.6	0.292	Multi-layer	320	6.3 or 4.0	LCZHS.2241H2 LCZHS.2241HG	Q-19-010 (Q-17-022A)	Q-19-002 (Q-14-008)	Q-19-029 (Q-17-060)
FH210-04 KH3500			X	I	CARB	15.5	13	0.379	Multi-layer	450	4.0	LCZHS.2241H2 LCZHS.2241HG	Q-19-010 (Q-17-022A), Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-029 (Q-17-060), Q-19-018 (Q-11-001), Q-19-004, Q-19-094 (C-U-06-007A)

	100688 BPB4000_ GB225_ GB225-2_		X	I	CARB	19.0	15.2	0.502	Multi-layer	145	4.0	LCZHS.2241H2 LCZHS.2241HG	Q-19-010 (Q-17-022A), Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-029 (Q-17-060), Q-19-018 (Q-11-001), Q-19-004, Q-19-094 (C-U-06-007A)
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- (1) The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm).  
 (2) Postfix “\_” is the designator(s) for future non-emission related revision change, may appears as other number or letter.

SUPERSEDED