

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.2722H2 (U-U-082-0404)	272	Gasoline, Gasoline-LPG dual-fuel
	LCZHS.2722HG (U-U-082-0406)	272	
	LCZHS.2922HG (U-U-082-0401)	292	
	LCZHS.4392H1 (U-U-082-0398)	439, 420	
	LCZHS.4392HG (U-U-082-0397)	439, 420	
	LCZHS.6792HG (U-U-082-0400)	679, 625	
	LCZHS.7502HG (U-U-082-0399)	750, 679	
	LCZHS.4392DF (U-U-082-0412)	439, 420	
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2020	CZHCMH4	See Attachment	Brushcutter, 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)					
1.20 + 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	Q-19-002 (Q-14-008)	1.5	See Attachment	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 6th 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 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								
	GB750_ GB750-01_ GB750-2_ GB750-2-01_ GB680_ GB680-01_ GB680-2_ 10KPRO_ XB12000		X	II	CARB	40.5	37	0.748	Multi-layer	165 and 260 and 100	6.3 or 4.0	LCZHS.7502HG	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-19-022 (Q-11-024), Q-19-056 (Q-09-027)
	GB750_ GB750-01_ GB750-2_ GB750-2-01_ GB680_ GB680-01_ GB680-2_ 10KPRO_ XB12000		X	II	CARB	43	30	0.807	Multi-layer	165 and 260 and 100	6.3 or 4.0	LCZHS.7502HG	Q-19-023 (Q-16-027B), Q-19-075 (Q-16-024A)	Q-19-002 (Q-14-008)	Q-19-066 (C-U-07-016B), Q-19-021 (Q-17-061), Q-19-019 (Q-16-008)
	GB620-2-02_ GB675-2-01_ PH13500_		X	II	CARB	55	44	0.951	Multi-layer	210	6.3 or 4.0	LCZHS.6792HG	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-19-022 (Q-11-024), Q-19-056 (Q-09-027)

GB750_ GB750-01_ GB750-2_ GB750-2-01_ GB680_ GB680-01_ GB680-2_ PB12000_ PB15000_ GB675_ GB675-2_ GB675-2-01_ GB620_ GB620-01_ GB620-2_ GB620-2-01_ GB620-2-02_ PH13500_ 100539_ 100110_ PB11000_		X	II	CARB	55	50	0.951	Multi-layer	165 and 260 and 100 or 195 or 210	6.3 or 4.0	LCZHS.7502HG LCZHS.6792HG	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-19-022 (Q-11-024), Q-19-056 (Q-09-027)
FH300-02_ FH440_ GB420-2_ GB420-2-01_ GB420-2-03_ GB420-2-05_ PB6000_ PB7500_ PH5500_ PH8000_ PH8500_ PH9500_ PB8000_		X	II	CARB	27	19	0.657	Multi-layer	190	6.3 or 4.0	LCZHS.2922HG LCZHS.4392H1 LCZHS.4392HG	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-19-066 (C-U-07-016B), Q-19-021 (Q-17-061), Q-19-019 (Q-16-008), Q-19-004
KH8000_ FH420_ FH440_		X	II	CARB	32	28	0.605	Multi-layer	565	6.3 or 4.0	LCZHS.4392H1 LCZHS.4392HG	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-19-066 (C-U-07-016B), Q-19-021 (Q-17-061), Q-19-019 (Q-16-008)
FH420_ FH440_ WH5500_ PH6500_ WH7500_ PH8000_ WHC7500_		X	II	CARB	31	23	0.691	Multi-layer	175	6.3 or 4.0	LCZHS.4392H1 LCZHS.4392HG	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-19-066 (C-U-07-016B), Q-19-021 (Q-17-061), Q-19-019 (Q-16-008)

100496 100812 100538 100562 100693 100704 100813 100814 180F_ FH420-01_ FH420-02_ FH420-06_ PH6500_ PH7000_		X	II	CARB	28.8	21.5	0.702	Multi-layer	155 or 175	6.3 or 4.0	LCZHS.2922HG LCZHS.4392H1 LCZHS.4392HG	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-19-066 (C-U-07-016B), Q-19-021 (Q-17-061), Q-19-019 (Q-16-008), Q-19-004
GH420_ HP4000_		X	II	CARB	5.2	4.0	0.176	Multi-layer	210	6.3 or 4.0	LCZHS.4392H1 LCZHS.4392HG	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)
180F-02_ FH440_ GB420-2_ GB420-2-01_ GB420-2-02_ GB420-2-07_ PB6000_ PB7000_ PB7500_ PB8000_ PH5500_ PH8500_ SPG5568_ SPG7085_ SPG7593E_ SPG8310E_ FH440EM_ GB420EM-2_ FH440EM-01_ GB420EM-2-01_ GB420EM-2-02_ GB420M-2-01_ PS6000_ PS7000_ PS8000_ PS8500_ GN9500_ GB420M-2_		X	II	CARB	27	21.9	0.668	Multi-layer	190	6.3 or 4.0	LCZHS.4392H1 LCZHS.4392HG LCZHS.2922HG LCZHS.4392DF	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-19-066 (C-U-07-016B), Q-19-021 (Q-17-061), Q-19-019 (Q-16-008), Q-19-004

GB270_ GB270-2_ 100556 PB5000_		X	II	CARB	23	17.8	0.539	Multi-layer	126	6.3 or 4.0	LCZHS.2722H2 LCZHS.2722HG	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)
GB270-2-05_ PB5000_		X	II	CARB	16.5	11	0.475	Multi-layer	126	6.3 or 4.0	LCZHS.2722H2 LCZHS.2722HG	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)
GB270_ 56500 GB270-2-04_ GB270-2-03_ PB5000_		X	II	CARB	15	11	0.456	Multi-layer	107	6.3 or 4.0	LCZHS.2722H2 LCZHS.2722HG	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)
GB270_ KB5000_		X	II	CARB	15.5	13	0.379	Multi-layer	450	6.3 or 4.0	LCZHS.2722H2 LCZHS.2722HG	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)
GB270_ SIG6250_ DXIG6200_ BFB5000_ GB270-2-06		X	II	CARB	11.3	9.6	0.292	Multi-layer	320	6.3 or 4.0	LCZHS.2722H2 LCZHS.2722HG	Q-19-010 (Q-17-022A)	Q-19-002 (Q-14-008)	Q-19-029 (Q-17-060)
GB270_ GB270-2-03_ PB5000_ SPG4657_		X	II	CARB	15.8	11.8	0.465	Multi-layer	126	6.3 or 4.0	LCZHS.2722H2 LCZHS.2722HG	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-19-004, Q-19-094 (C-U-06-007A)

- (1) The nominal fuel line lengths can be grouped into increment of ± 3 inches (76 mm).
 (2) Postfix "_" is the designator(s) for future non-emission related revision change.