

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-14-012;

**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.	JCZHS.2722H2 (U-U-082-0280)	272	Gasoline
	JCZHS.2722HG (U-U-082-0303)	272	
	JCZHS.2922HG (U-U-082-0302)	292	
	JCZHS.4202H1 (U-U-082-0306)	420, 357	
	JCZHS.4202HG (U-U-082-0295)	420, 357	
	JCZHS.4392HG (U-U-082-0304)	439, 420	
	JCZHS.6792HG (U-U-082-0299)	679, 625	
	JCZHS.7502HG (U-U-082-0318)	750, 679	
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2018	CMH4	See Attachment	Tractor, Compressor, Pump, Stump Beater, Generator Set, Non-Backpack Blower, Pressure Washer, Tiller, Brushcutter, Other Industrial Equipment
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Metal		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 standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m<sup>2</sup>/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

*not applicable		DESIGN BASED			
FUEL HOSE PERMEATION (grams ROG/m <sup>2</sup> /day)		FUEL TANK PERMEATION (grams ROG/m <sup>2</sup> /day)		CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-018, Q-14-008, Q-08-005, C-U-05-013, Q-15-010	1.5	Q-16-024A, Q-16-027B, Q-17-022, Q-16-019A	1.4	Q-11-024, C-U-07-023, Q-09-027, C-U-07-016B, C-U-07-022, Q-11-023, Q-13-005, Q-16-008, C-U-07-021, C-U-06-031A, Q-11-002, C-U-06-005A, C-U-06-007A, Q-11-001, Q-13-004, Q-08-007

**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) 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 6 day of March 2018.

Annette Hebert, Chief  
Emissions Compliance, Automotive Regulations and Science Division

Attachment, 1 of 4

Small Off-Road Evaporative Certification Database Form  
(Supplementary Information)

MODEL SUMMARY

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type	S9. Nominal Fuel Line Length <sup>(1)</sup> (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State			Total	Nominal								
	GB750_ GB680_ 2V82F_ 2V78F_ 10KPRO_ XB12000			X	II	CARB	40.5	37	0.748	multilayer	165 and 260 and 100	6.3 or 4.0	JCZHS.7502HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	Q-11-024 or C-U-07-023 or Q-09-027
	GB750_ GB680_ 2V82F_ 2V78F_ 10KPRO_ XB12000			X	II	CARB	43	30	0.777	multilayer	165 and 260 and 100	6.3 or 4.0	JCZHS.7502HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008
	GB750_ GB680_ 2V82F_ 2V78F_ PB12000_ 10KW GENFORCE			X	II	CARB	55	44	0.951	multilayer	165 and 260 and 100	6.3 or 4.0	JCZHS.7502HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	Q-11-024 or C-U-07-023 or Q-09-027

Attachment, 2 of 4

GB750_ GB680_ 2V82F_ 2V78F_ PB12000_ PB15000_ GB675_ GB620_ GB620-01_ GB620-02_ GB620-03_ GB675-01_ PH13500_ 100539			X	II	CARB	55	50	0.951	multilayer	165 and 260 and 100 or 195	6.3 or 4.0	JCZHS.7502HG JCZHS.6792HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	Q-11-024 or C-U-07-023 or Q-09-027
FH420_ FH420-09_ FH360-01_ FH360-02_ FH360-03_ ST5750_ PH6500_ ST8000_ PH8000_ 175F_ GB270_ PB5000_ PH5000			X	II	CARB	27	23	0.657	multilayer	190	6.3 or 4.0	JCZHS.4202H1 JCZHS.2722H2 JCZHS.2722HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008
KH8000_ FH420-03_			X	II	CARB	32	28	0.605	multilayer	565	6.3 or 4.0	JCZHS.4202H1	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008
8KPRO_ XH8000_ FH420-08_			X	II	CARB	43	30	0.777	multilayer	165	6.3 or 4.0	JCZHS.4202H1	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008
FH360-01_ FH420-02_ WH5500_ PH6500_ WH7500_ PH8000			X	II	CARB	31	23	0.691	multilayer	175	6.3 or 4.0	JCZHS.4202H1	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008

Attachment, 3 of 4

PH6500_ 100496 180F/P-F FH300_ 180F_ PB7000_ GB420_ FH420-06_ 41430 QF7.0 FH420_ 100538 FH420-12_ FH420-13_ PH7000_ 100562 100560			X	II	CARB	28.8	21.5	0.702	multilayer	155 or 175	6.3 or 4.0	JCZHS.2922HG JCZHS.4202HG JCZHS.4392HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008
GH420_ GH300_ HP4000_			X	II	CARB	5.2	4.0	0.18	multilayer	200 or 210	6.3 or 4.0	JCZHS.4202H1 JCZHS.2922HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-021 or C-U-06-031A or Q-11-002 or C-U-06-005A
GB420_ GB420-01_ FH440_ PB6000_ PB7500_ PB8000_ PH8500_ PH8000_ PH8500_ PH9500_ SPG5568 SPG7085 SPG7593E SPG8310E PB7000_ PH5500_			X	II	CARB	27	23	0.657	multilayer	190 or 155	6.3 or 4.0	JCZHS.4202H1 JCZHS.4392HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008
175F_ GB270_ GB270-2_ PB5000_			X	II	CARB	17	12.1	0.509	multilayer	126	6.3 or 4.0	JCZHS.2722HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004 or Q-08-007

Attachment, 4 of 4

190F_ FH420_ FH420-11_ LH6500_			X	II	CARB	25	16	0.595	multilayer	400	6.3 or 4.0	JCZHS.4202HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-07-016B or C-U-07-022 or Q-11-023 or Q-13-005 or Q-16-008
GB270_ GB270-2_ 100556 PB5000			X	II	CARB	23	17.8	0.539	multilayer	150	6.3 or 4.0	JCZHS.2722HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001
GB270_ GB270-2-01_ PB5000_			X	II	CARB	16.5	11	0.475	multilayer	126	6.3 or 4.0	JCZHS.2722H2 JCZHS.2722HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004 or Q-08-007
GB270_ GB270-2-03_ PB5000_			X	II	CARB	15	13	0.456	multilayer	126	6.3 or 4.0	JCZHS.2722H2 JCZHS.2722HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004 or Q-08-007

- (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.

SUPERSEDED