

Pursuant to the authority vested in the 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.	GCZHS.2922H1 (U-U-082-0203)	292	Gasoline
	GCZHS.2922H2 (U-U-082-0196)	292	
	GCZHS.4202H1 (U-U-082-0204)	420, 357	
	GCZHS.4202H2 (U-U-082-0195)	420, 357	
	GCZHS.6792H1 (U-U-082-0205)	679	
	GCZHS.6792H2 (U-U-082-0206)	679	
	GCZHS.6252H1 (U-U-082-0221)	625	
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2016	CMH2	4.0, 21.5, 22, 23, 28, 30, 40, 48	Compressor, Pump, Stump Beater, Generator Set, Non-Backpack Blower, Pressure Washer, Tiller, Edger, Brushcutter, Other Industrial Equipment
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Metal		See Attachments	
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/m²/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 ² /day)		FUEL TANK PERMEATION (grams ROG/m ² /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-10-003	1.5	*	1.4	C-U-06-005, C-U-06-031A, C-U-07-016A, C-U-07-021, C-U-07-022, C-U-07-023, Q-09-027, Q-11-002, Q-11-023, Q-11-024, Q-12-011, Q-13-005

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.

This Executive Order hereby supersedes Executive Order U-U-082-0217 dated November 20, 2015.

Executed at El Monte, California on this 2nd day of May 2016.


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





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 ²)	S8. Fuel Line Type	S9. Nominal Fuel Line Length ⁽¹⁾ (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											
	2V78_ QF10_ QF12_ QF10000_ QF12000_			X	II	CARB	22	0.54	multilayer	165	6.3 or 4.0	GCZHS.6792H1 GCZHS.6792H2	N/A	Q-08-005 or Q-14-008 or Q-10-003 or C-U-05-013	C-U-07-016A or C-U-07-022 or Q-11-023 or Q-12-011 or Q-13-005
X	2V78_ QF10_ QF12_ QF10000_ QF12000_			X	II	CARB	40	0.91	multilayer	600	6.3 or 4.0	GCZHS.6792H1 GCZHS.6792H2	N/A	Q-08-005 or Q-14-008 or Q-10-003 or C-U-05-013	Q-11-024 or C-U-07-023 or Q-09-027
	2V78_ QF10_ 10KPRO X-MAN10_ XB12000_ PB12000_ XB12000_			X	II	CARB	30	0.81	multilayer	165	6.3 or 4.0	GCZHS.6792H1 GCZHS.6792H2	N/A	Q-08-005 or Q-14-008 or Q-10-003 or C-U-05-013	C-U-07-022 or Q-11-023 or Q-13-005
	190F_ 183F_ 180F_ GH420_ GH360_ GH300_			X	II	CARB	4.0	0.18	multilayer	200 or 210	6.3 or 4.0	GCZHS.4202H1 GCZHS.2922H1 GCZHS.4202H2 GCZHS.2922H2	N/A	G-05-018 or Q-14-008 or Q-08-005 or Q-10-003 or C-U-05-013	C-U-07-021 or C-U-06-031A or Q-11-002 or C-U-06-005
	KH5500_ KH6500_ KH8000_			X	II	CARB	28	0.60	multilayer	565	6.3 or 4.0	GCZHS.4202H1 GCZHS.2922H1 GCZHS.4202H2 GCZHS.2922H2	N/A	Q-08-005 or Q-14-008 or Q-10-003 or C-U-05-013	C-U-07-022 or Q-11-023 or Q-13-005



190F_ 183F_ 180F_ FH420_ FH360_ FH300_ X-MAN5_ X-MAN6_ X-MAN7_ 5KPRO_ 6KPRO_ 7KPRO_ 8KPRO_ XH5500_ XH6500_ XH8000_				X	II	CARB	30	0.81	multilayer	165	6.3 or 4.0	GCZHS.4202H1 GCZHS.2922H1 GCZHS.4202H2 GCZHS.2922H2	N/A	Q-08-005 or Q-14-008 or Q-10-003 or C-U-05-013	C-U-07-022 or Q-11-023 or Q-13-005
WH5500_ WH7500_ WH6500_ WH7000_ GN-5000_ MH8000_ PH7500_ PH5500_ PH6500_ PH8000_				X	II	CARB	23 or 21.5	0.57 or 0.70	multilayer	165 or 155	6.3 or 4.0	GCZHS.4202H1 GCZHS.2922H1 GCZHS.4202H2 GCZHS.2922H2	N/A	G-05-018 or Q-14-008 or Q-08-005 or Q-10-003 or C-U-05-013	C-U-07-016A or C-U-07-022 or Q-11-023 or Q-12-011 or Q-13-005
2V78_ GB680_ PB12000_ PB15000_ GB620_ 196F_ PH13500_				X	II	CARB	48	1.04	multilayer	190 or 210	6.3 or 4.0	GCZHS.6792H1 GCZHS.6792H2 GCZHS.6252H1	N/A	G-05-018 or Q-14-008 or Q-08-005 or Q-10-003 or C-U-05-013	Q-11-024 or C-U-07-023 or Q-09-027

(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.