

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-02-003;

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 <small>(CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)</small>
CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.	DCZHS.2922H1 (U-U-082-0087)	292, 277	Gasoline
	DCZHS.4202H1 (U-U-082-0084)	420, 383, 357	
	DCZHS.6792H1 (U-U-082-0086)	679	
	DCZHS.2922H2 (U-U-082-0100)	292, 277	
	DCZHS.4202H2 (U-U-082-0095)	420, 383, 357	
	DCZHS.2772HU (U-U-082-0096)	277	
	DCZHS.2922H3 (U-U-082-0111)	292	
<small>S.A. = See Attachment TBC = To Be Certified</small>			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2013	CMH2	4.2, 23, 23.5, 26, 47	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 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(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.

DESIGN BASED					
FUEL HOSE PERMEATION <small>(grams ROG/m²/day)</small>		FUEL TANK PERMEATION <small>(grams ROG/m²/day)</small>		CARBON CANISTER BUTANE WORKING CAPACITY <small>(grams HC/liter)</small>	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-018, Q-08-005, C-U-05-013	1.5	*	1.4	C-U-07-021, C-U-06-031, Q-11-002, C-U-06-005, C-U-07-016, C-U-07-022, Q-11-023, Q-11-024, Q-13-005

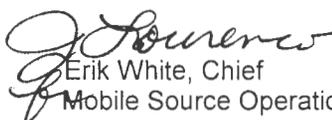
BE IT FURTHER RESOLVED: That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

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-082-0088-1 dated November 29, 2012.

Executed at El Monte, California on this 28th day of June 2013.


 Erik White, Chief
 Mobile Source Operations Division

Attachment, 1 of 2



重庆宗申通用动力机械有限公司
CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.
Zongshen Industry Zone, Ba'nan District, Chongqing 400054, China

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											
X	190F_ 186F_ 183F_ 180F_ 178F_ 178-LU_			X	II	CARB	4.2	0.21	multilayer	245 or 270	6.3	DCZHS.4202H1 DCZHS.2922H1 DCZHS.4202H2 DCZHS.2922H2 DCZHS.2772HU DCZHS.2922H3	N/A	G-05-018 or Q-08-005 or C-U-05-013	C-U-07-021 or C-U-06-031 or Q-11-002 or C-U-06-005
	GH420_ GH390_ GH360_ GH300_ GH280_			X	II	CARB	4.2	0.21	multilayer	300	6.3	DCZHS.4202H1 DCZHS.2922H1 DCZHS.4202H2 DCZHS.2922H2 DCZHS.2922H3	N/A	G-05-018 or Q-08-005 or C-U-05-013	C-U-06-005
	ZH420_ ZH390_ ZH360_ ZH300_ ZH280_			X	II	CARB	4.2	0.21	multilayer	115	6.3	DCZHS.4202H1 DCZHS.2922H1	N/A	G-05-018 or Q-08-005 or C-U-05-013	C-U-07-021 or C-U-06-031 or Q-11-002
	2V78_			X	II	CARB	23.5	0.57	multilayer	1500	4.0	DCZHS.6792H1	N/A	G-05-018 or Q-08-005 or C-U-05-013	C-U-07-016 or C-U-07-022 or Q-11-023
	QF12_ QF12000_			X	II	CARB	26	0.68	multilayer	1500	4.0	DCZHS.6792H1	N/A	G-05-018 or Q-08-005 or C-U-05-013	C-U-07-016 or C-U-07-022 or Q-11-023 or Q-11-005
	QF12_ QF12000_			X	II	CARB	47	0.91	multilayer	1000	4.0	DCZHS.6792H1	N/A	G-05-018 or Q-08-005 or C-U-05-013	Q-11-005 Q-11-024



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 CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.
 Zongshen Industry Zone, Ba'nán District, Chongqing 400054, China

WH4500C															
WH5500C															
WH6000C															
WH6000SC															
WH6500EC															
WH7000C															
WH7000EC															
WH7500EC															
21R164															
21R165															
21R166															
41030															
41031															
41032			X	II	CARB	23 or 26	0.71 or 0.68	multilayer	165 or 520	4.0	DCZHS.4202H1 DCZHS.2922H1 DCZHS.4202H2 DCZHS.2922H2 DCZHS.2922H3	N/A	G-05-018 or Q-08-005 or C-U-05-013	C-U-07-016 or C-U-07-022 or Q-11-023 or Q-13-005	
41430															
41431															
41432															
QF4.0_															
QF4.5_															
QF5.0_															
QF6.0_															
QF7.0_															
QF4000_															
QF4500_															
QF5000_															
QF6000_															
QF7000_															

(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.