California Environmental Protection Agency AIR RESOURCES BOARD	CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD	EXECUTIVE ORDER U-U-082-0076 New Off-Road Small Spark-Ignition Equipment

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 (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.	CCZHS.2772HU (TBC) CCZHS.2922HC (U-U-082-0063) CCZHS.4202HC (U-U-082-0075) CCZHS.4202H1 (U-U-082-0064)	277 277, 292 357, 383, 420 357, 383, 420	Gasoline

S.A. = See Attachment
TBC = To Be Certified

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2012	CMH2	4.2, 23	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

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^2/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 (g/m^2/day)		FUEL TANK PERMEATION (g/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-08-005, Q-08-017, C-U-05-013	*	*	1.4	Q-09-003, C-U-07-021, C-U-06-031, C-U-07-016, C-U-06-009, Q-09-004, C-U-07-022

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 30 day of September 2011.

Annette Hebert, Chief
Mobile Source Operations Division

Attachment, 1 of 1

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	178-LU_			X	II	CARB	4.2	0.21	multilayer	270	6.3	CCZHS.2772HU	N/A	G-05-018	Q-09-003 or C-U-07-021 or C-U-06-031
	190F_/ZH420 186F_/ZH390 183F_/ZH360			X	II	CARB	4.2	0.21	multilayer	115 or 270	6.3	CCZHS.4202HC	N/A	G-05-018 or Q-08-005 or Q-08-017 or C-U-05-013	Q-09-003 or C-U-07-021 or C-U-06-031
	180F_/ZH300 178F_/ZH280			X	II	CARB	4.2	0.21	multilayer	115 or 270	6.3	CCZHS.2922HC	N/A	G-05-018 or Q-08-005 or Q-08-017 or C-U-05-013	Q-09-003 or C-U-07-021 or C-U-06-031
	190F_/ZH420 186F_/ZH390 183F_/ZH360			X	II	CARB	4.2	0.21	multilayer	115 or 270	6.3	CCZHS.4202H1	N/A	G-05-018 or Q-08-005 or Q-08-017 or C-U-05-013	Q-09-003 or C-U-07-021 or C-U-06-031
	180F_(Generator) 178F_(Generator)			X	II	CARB	23	0.71	multilayer	165	4.0	BCZHS.2922HC	N/A	G-05-018 or Q-08-005 or Q-08-017 or C-U-05-013	C-U-07-016 or C-U-06-009 or Q-09-004 or C-U-07-022
	190F_(Generator) 186F_(Generator) 183F_(Generator)			X	II	CARB	23	0.71	multilayer	165	4.0	BCZHS.4202HC	N/A	G-05-018 or Q-08-005 or Q-08-017 or C-U-05-013	C-U-07-016 or C-U-06-009 or Q-09-004 or C-U-07-022
	190F_(Generator) 186F_(Generator) 183F_(Generator)			X	II	CARB	23	0.71	multilayer	165	4.0	BCZHS.4202H1	N/A	G-05-018 or Q-08-005 or Q-08-017 or C-U-05-013	C-U-07-016 or C-U-06-009 or Q-09-004 or C-U-07-022

(1) The nominal fuel line lengths can be grouped into increment of ± 3 inches (76 mm)

U-11-082-0076