California Environmental Protection Agency AIR RESOURCES BOARD	CHONGQING SANDING GENERAL POWER MACHINERY CO., LTD	EXECUTIVE ORDER U-U-091-0009 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 Sanding General Power Machinery Co., Ltd	8CSGS.2081SC (U-U-091-0007) 8CSGS.4192SC (U-U-091-0008)	196, 208 389, 420	Gasoline

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

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2008	CM	See Attachment	Compressor, Pump, Pressure Washer, Generator Set

EMISSION CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL
Carbon Canister, Metal Tank	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 (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 EXCUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	C-U-05-012, G-08-005	2.5	*	1.4, 1.0	C-U-06-003, C-U-07-008, C-U-06-007, C-U-07-009, C-U-06-031, C-U-07-021, C-U-07-016, 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 27 day of March 2008.

Annette Hebert, Chief
Mobile Source Operations Division

ATTACHMENT 1 OF 1

重庆三鼎通用动力机械有限公司
CHONGQING SANDING GENERAL POWER MACHINERY CO., LTD

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 (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											
	SD170F			X	I	CARB	15L	0.52	multilayer	180±5	4.5	8CSGS.2081SC	N/A	C-U-05-012, Q-08-005	C-U-06-007, C-U-07-009
X	SD170F			X	I	CARB	3.6L	0.15	multilayer	180±5	4.5	8CSGS.2081SC	N/A	C-U-05-012, Q-08-005	C-U-06-003, C-U-07-008
	SD168F-2			X	I	CARB	15L	0.52	multilayer	180±5	4.5	8CSGS.2081SC	N/A	C-U-05-012, Q-08-005	C-U-06-007, C-U-07-009
	SD168F-2			X	I	CARB	3.6L	0.15	multilayer	180±5	4.5	8CSGS.2081SC	N/A	C-U-05-012, Q-08-005	C-U-06-003, C-U-07-008
	SD188F			X	II	CARB	6	0.21	multilayer	250	4.5	8CSGS.4192SC	N/A	C-U-05-012, Q-08-005	C-U-06-031, C-U-07-021
	SD188F			X	II	CARB	24	0.69	multilayer	250	4.5	8CSGS.4192SC	N/A	C-U-05-012, Q-08-005	C-U-07-016, C-U-07-022
	SD190F			X	II	CARB	6	0.21	multilayer	250	4.5	8CSGS.4192SC	N/A	C-U-05-012, Q-08-005	C-U-06-031, C-U-07-021
	SD190F			X	II	CARB	24	0.69	multilayer	250	4.5	8CSGS.4192SC	N/A	C-U-05-012, Q-08-005	C-U-07-016, C-U-07-022

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