

## CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD

EXECUTIVE ORDER U-U-082-0310 New Off-Road Small Spark-Ignition Equipment

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 FAI	MILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)				
	IGQING ZONGSHEN GENERAL OWER MACHINE CO., LTD.		1H1 (U-U-082-0278) 1H4 (U-U-082-0279)	208 208	Gasoline				
	Attachment Be Certified	EQUIPME	NT DESCRIPTION						
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	E	QUIPMENT APPLICATION					
2018	СММЗ	Compressor, Pump, Stump Beater, Generator Set, 1.45 Snowblower, Non-Backpack Blower, Pressure Washer, Tiller, Edger, Brushcutter, Other Industrial Equipment							
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL							
	Canister/Metal	See Attachment							
Metal=M Tr	E (Venting Control Type/Tank Barrier Ty reated HDPE or PE=P Co-extruded=C S r Codes = M, P, C, L, N, A, O). <u>Note</u> : Al	Selar=L Nylon=N Acetal=A	A Other=O B. EVAPORATIVE	FAMILY 2-Letter CO	DE (Venting Control Codes =C, S, C				

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		DE	SIGN BASED			
	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams ROG/m²/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	15 G-05-018, Q-14-008, Q-15-010, C-U-05-013		Q-16-024A, Q-16-027A, Q-17-022	1.0	C-U-06-003, C-U-07-008, Q-11-003, Q-13-008	

**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 \_\_\_\_\_ day of January 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

## Attachment, 1 of 1

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

## MODEL SUMMARY

S1.	S2.		S3.	,	S4.	S5.	S6.		S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Engine or Equipment Model	1	Codes of appropriate 49-State		Engine Class (1 or II)	Fuel System (Fl or CARB)	(1	Tank Vol. Liters)  Nominal	Fuel Tank Internal Surface Area (m²)	Fuel Line Type	Nominal Fuel Line Length <sup>(1)</sup> (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control Executive Order
	170-AU_ 170-PU_ 170-DU_ 170-CU_ 270-BU_			X	I	CARB	2.7	1.45	0.12	multilayer	113 or 115 or 123 or 132	6.3	JCZHS.2081H1	Q-16-024A or Q-16-027A or Q-17-022		C-U-06-003 or C-U-07-008 or Q-11-003 or Q-13-008
	170-NU_ 170F_			X	1	CARB	2.7	1.45	0.12	multilayer	123	6.3	JCZHS.2081H4	Q-16-024A or Q-16-027A or Q-17-022		C-U-06-003 or C-U-07-008 or Q-11-003 or Q-13-008

<sup>(1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm 3$  inches (76 mm)

<sup>(2)</sup> Postfix "\_" is the designator(s) for future non-emission related revision change, may appears as other number or letter.