

## CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.

EXECUTIVE ORDER U-U-082-0344 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)			
	NGQING ZONGSHEN GENERAL OWER MACHINE CO., LTD.	KCZHS.159	1V1 (U-U-082-0329)	159, 141	Gasoline			
TBC = To I	Be Certified	EQUIPME	NT DESCRIPTION					
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	E	PPLICATION				
2019	CPCC1	0.7	Walk-Behind Lawnmower					
EMISSIO	N CONTROL SYSTEMS (ECS)		ENGINE and/or E	QUIPMENT I	MODEL			
	Canister/HDPE	See Attachment						
Metai=M T	reated HDPE or PE=P Co-extruded=C	Selar=L Nylon=N Acetal=	A Other=O B EVAPORATIVE	FAMILY 2-Lette	ther=O 2. <u>Tank Barrier Type and Code</u> : r CODE (Venting Control Codes =C, S, O 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	PERFORMANCE BASED								
-not applicable		(grams HC/day)							
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL						
1.0	·	= (STANDARD) - (EFELD)	0.48						

BE IT FURTHER RESOLVED: That the evaporative model emission limit (EMEL), as applicable, is the diurnal emissions level declared by the manufacturer based on diurnal test results for a worst-case engine or equipment model within an evaporative family. No engine or equipment emissions within the evaporative family could be closer to its respective standard than the evaporative family emission limit differential (EFELD) calculated from the declared EMEL for the worst-case engine or equipment.

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission level differential between the effective standard level for a specific model representing the entire evaporative family and the EMEL declared for the specific model. It serves as the applicable evaporative emission standard for determining compliance on a corporate average basis of any equipment within this evaporative family under 13 CCR Sections 2754.1.

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 December 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	Sales Codes (check all appropriate)		(check all Clas		Fuel System (FI or CARB)			Fuel Tank Internal Surface	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
		CA Only	49- State	50- State			Total	Nominal	Area (m²)							Control Executive Order
X	1T65NU_ 1T65RU_ 1T65RW_ 5T65RU_ 5T65RW_			x		CARB	0.8	0.7	0.06	Multilayer	110	6.3	KCZHS.1591V1	N/A	G-05-018 or Q-14-008 or Q-15-010	N/A

(1) The nominal fuel line lengths can be grouped into increment of ± 3 inches (76 mm)
 (2) Postfix \_ of the model name is the designator(s) for future non-emission related revision change, may appears as other number or letter.