

## CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD

EXECUTIVE ORDER U-U-082-0325 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 D	ESCRIPTION							
	MANUFACTURER	ENGINE FAMILY (I	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefled natural gas LPG=liquefled petroleum gas)						
	QING ZONGSHEN GENERAL WER MACHINE CO., LTD.	JCZHS.1491H1 (L JCZHS.2241H1 (L JCZHS.2241HG (L	J-U-082-0296)	132, 149 224, 212, 208, 196 224, 208, 196	Gasoline					
S.A. = See A TBC = To B	Attachment e Certified	EQUIPMENT	DESCRIPTION	N						
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	ICATION							
2018	Compressor, Pump, Stump Beater, Generator Set,									
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL								
	Canister/Metal	See Attachment								

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		DESIGN 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	OR EXECUTIVE ORDER							
15	G-05-018, Q-14-008, Q-08-005, C-U-05-013, Q-15-010	1.5	Q-16-024A, Q-16-027B, Q-17-022, Q-16-019A	1.0, 1.4	C-U-06-007A, Q-11-001, Q-13-004, C-U-06-031A, Q-11-002, Q-08-007, Q-13-008, Q-11-003							

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 March 2018.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

## Attachment, 1 of 2

# 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 (Chec k One)	Engine or Equipment Model	Sales Codes (check all appropriate)	(check all		(check all appropriate)		(I or	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)		Tank Type Internal Surface	Fuel Line Type Nominal Fuel Line Length <sup>(1)</sup> (mm)	e Inside	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Control Executive
				State			Total	Nominal	Area (m²)							Order	
	FH210-04_ KH3500_ SG4000_ GB210_ KB3300			X	I	CARB	15.5	13.0	0.379	multilayer	450	6.3 or 4.0	JCZHS.2241H1 JCZHS.2241HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004	
	FH210-07 PH3500_ GB225_ GB210_ PB3000_ PB3300_ PB3700_ PB4000			х	I	CARB	15.0	13.0	0.456	multilayer	126	6.3 or 4.0	JCZHS.2241H1 JCZHS.2241HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004	
	NH150_ NH130_ NH150-01_ NH150H_ NH150H-01_ NH150-02_ NH150-04_ NH150-05_ NH130-01_ NH130-02_ PH1200_ PH1800_			x	ı	CARB	5.5	4.5	0.19	multilayer	210	6.3 or 4.0	JCZHS.1491H1	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-031A or Q-11-002	
	GB225_ PB4000_ SPG3645 PB3300_			X	I	CARB	15.8	13.0	0.465	multilayer	126	6.3 or 4.0	JCZHS.2241H1 JCZHS.2241HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004	

### Attachment, 2 of 2

FH210 GB225 PB3300 10053			x	I	CARB	17	12.1	0.509	multilayer	126	6.3 or 4.0	JCZHS.2241H1 JCZHS.2241HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004 or Q-08-007
GB225 GB225- GB210 GB200- GB200- GB200- GB200- HP3200 WG20 WG30 TG20 TG30 HG15 HG20 MG20 HP2600 HP3300	2 - 1 11 12 13 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		x	I	CARB	4.2	2.6	0.16	multilayer	155	6.3 or 4.0	JCZHS.2241Hf JCZHS.2241HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-031A or Q-11-002 or Q-13-008 or Q-11-003
GH212 GH210- GH210- GH210- GH210- HP2600 VP2500 HP3200 WG20 VP2800	)1 )2 )3 )3 ) )		X	I	CARB	2.7	1.45	0.12	multilayer	108	6.3 or 4.0	JCZHS.2241H1	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-031A or Q-11-002 or Q-13-008 or Q-11-003
FH210-C FH210-C FH210-C FH210-C WH325 PH350C	03_ 07_ 09_ 0_ 0		x	I	CARB	16.5	11.0	0.475	multilayer	126	6.3 or 4.0	JCZHS.2241HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001 or Q-13-004
PH350 10055 10055 10055 10055 10052 FH210- FH210-	)_ 9 5 8 4 2 0_		x	C	CARB	23	17.8	0.539	multilayer	126 or 135 or 150	6.3 or 4.0	JCZHS.2241HG	Q-16-024A or Q-16-027B or Q-17-022 or Q-16-019A	G-05-018 or Q-14-008 or Q-08-005 or C-U-05-013 or Q-15-010	C-U-06-007A or Q-11-001

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