CALIFORNIA AIR RESOURCES BOARD	Chongqing Rato Technology Co., Ltd.	**EXECUTIVE ORDER U-U-169-0224-1** 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-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 FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Chongqing Rato Technology Co., Ltd.	HCRPS.1791GC (U-U-169-0208) HCRPS.2121GC (U-U-169-0210) HCRPS.2231GA (U-U-169-0200) HCRPS.0991GA (U-U-169-0198) HCRPS.2121GV (U-U-169-0211)	179 212 223 99 212	Gasoline

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

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2017	CM2121	See Attachment	Compressor, Pump, Generator Set, Pressure Washer, Tiller

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/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				
FUEL HOSE PERMEATION (grams ROG/m²/day)		**FUEL TANK PERMEATION** (grams 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	Q-08-005, Q-08-017, Q-10-003, Q-15-010, Q-15-011	1.5	Q-16-013, Q-16-014	1.0, 1.4	C-U-06-003, C-U-07-009, Q-13-004, Q-15-006, Q-11-002, Q-16-006

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.

This Executive Order hereby supersedes Executive Order U-U-169-0224 dated December 23, 2016.

Executed at El Monte, California on this 10th day of October 2017.

For 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. 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			Total	Nominal								
	R210III K210III R210-V			X	I	CARB	3.6	3.44	0.16	Multi-layer	160	4.5	HCRPS.2121GC HCRPS.2121GV	Q-16-013 Q-16-014	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	C-U-06-003
	R3100P-9			X	I	CARB	20	17	0.53		140	4.5				C-U-07-009 Q-15-006
	R3100P-8 R3100DP-8 69729 69728 055-0365			X	I	CARB	20	18	0.5		140	4.5				C-U-07-009
							15	14	0.46							
	R3100P-3 R3100DP-3 PM0103007.0 PC0103007.01 PMC103007.02 PC0103008.01 PM0103008.01			X	I	CARB	15	12	0.44		120	4.5				
	R3100P R3100DP POWERPRO 4050 WEN3500 WEN4050			X	I	CARB	14	12	0.43		140	4.5				C-U-07-009 Q-15-006 Q-13-004
							15	12.5	0.46							
	R3100P-A R3100DP-A RP3600			X	I	CARB	18.5	16	0.51		200 150 200	4.5 4.5 4.5				
	R30000iEP-2, R3000iSP-2			X	I	CARB	11	9.5	0.42		200 190	4.5 4.5				
	R3100P-M GEN3600-0DM0 GEN3600-0JM0 GEN3600-0MM0 PR-G3600M			X	I	CARB	17	15	0.5		140	4.5				

Attachment, 2 of 2

	R3000iSP R3000iEP			X	I	CARB	8.5	7	0.38	Multi-layer	120 200	4.5 4.5	HCRPS.2121GC HCRPS.2121GV	Q-16-013 Q-16-014	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	Q-13-004 Q-16-006
	R3500iP			X	I	CARB	8	7	0.25		200	4.5				
	R225, R3500P, R3500DP, WEN4750			X	I	CARB	14 15	12 12.5	0.43 0.43	Multi-layer	140	4.5	HCRPS.2231GA	Q-16-013 Q-16-014	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	Q-13-004
×	R100-III, R100-V, R1000P			X	I	CARB	6	4	0.29	Multi-layer	140 200	4.5	HCRPS.0991GA	Q-16-013 Q-16-014	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	Q-11-002
	R180-3III			X	I	CARB	3.6	3.44	0.16	Multi-layer	160	4.5	HCRPS.1791GC	Q-16-013 Q-16-014	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	C-U-06-003

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