California Environmental Protection Agency **Air Resources Board**	Chongqing Rato Technology Co., Ltd.	**EXECUTIVE ORDER U-U-169-0175-1** 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.	GCRPS.4382GA (U-U-169-0181-1) GCRPS.3012GA (U-U-169-0180-1) GCRPS.6702GA (U-U-169-0182) GCRPS.3012GV (U-U-169-0170) GCRPS.4202GV (U-U-169-0171)	389, 420, 438 301, 270 670 301 420	Gasoline

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

EQUIPMENT DESCRIPTION			
MODEL YEAR	**EVAPORATIVE FAMILY**	**FUEL TANK SIZE (liters)**	**EQUIPMENT APPLICATION**
2016	CM4202	4.2, 15, 25, 27, 28, 28.5, 29, 30, 35	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/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 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	*	1.4	C-U-07-022, C-U-07-021 Q-11-023, Q-15-008, Q-11-024

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 cancels and replaces Executive Order U-U-169-0175 dated June 06, 2016.

Executed at El Monte, California on this 31 day of August 2016.

Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

SUPERSEDED

Attachment, 1 of 2

U-U-169-0145-1

DRAFT

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											
X	R670, R12000DP-2 WX11000, PCC14110061725			X	II	CARB	28	0.59	Multi-layer	1700	6	GCRPS.6702GA	N/A	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	Q-11-024
	R670, R12000DP-A, RP12000EM,RP12000						30	0.87		135			N/A		
							35	0.97		950					
	R440, R8000P R8000DP, R8000DP-T			X	II	CARB	25	0.74	Multi-layer	195	4	GCRPS.4382GA GCRPS.4202GV	N/A	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	C-U-07-021 C-U-07-022 Q-15-008 Q-11-023
										400	4				
	R420III, R420-V			X	II	CARB	4.2	0.176		240	4				
	R420III, R420-V, R7100P-8, R7100DP-8, 68529, 68526, 68530, 68525			X	II	CARB	25	0.67		175	4				
	R420III, R420-V, R7100DP-9			X	II	CARB	29	0.71		195	4				
	R420III, R420-V, R8000iDP			X	II	CARB	15	0.57		195	4				
	R420III, R420-V, R7100P R7100DP, R7100DP-T WEN9000E			X	II	CARB	25	0.74		195	4				
										400					
	R420III, R420-V, R7100DP-A, R7100P-A, RP6500E, RP7500E			X	II	CARB	29	0.75		300	4.5				
	R420III, R420-V, R7100DP-M PR-G8000M-E GEN8000-0JME GEN8000-0MME, GEN8000-0DME			X	II	CARB	27	0.68		195	4				

SUPERSEDED

Attachment, 2 of 2

DRAFT

	R420III, R420-V, R7100DP-3 PM0106507.02 PC0106507 PMC106507.01			X	II	CARB	25	0.67		195	4	GCRPS.4382GA GCRPS.4202GV	N/A	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	C-U-07-021 C-U-07-022 Q-15-008 Q-11-023
	R390III, R6000P-3 PM0105007.02 PC0105007 PMC0105007.01			X	II	CARB	25	0.67		195	4				
	R390III, R6000DP-8			X	II	CARB	25	0.67		175	4.5				
	R390III, R6000D-9 R6000DP-9			X	II	CARB	29	0.71	Multi-layer	195	4.5	GCRPS.4382GA	N/A	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	C-U-07-022 Q-15-008 Q-11-023
	R390III, R6000P-M PR-G6000M GEN6000-0DM0 GEN6000-0MM0 GEN6000-0JM0			X	II	CARB	27	0.68		195	4.5				
	R300, R300-V , R5000P, R5000DP R5000P-A, R5500iDP, R5000DP-A, RP5500			X	II	CARB	25	0.74	Multi-layer	190	4.5	GCRPS.3012GA GCRPS.3012GV	N/A	Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011	Q-11-023
							28.5	0.75		300					
							15	0.57		220					
										195	4				

SUPERSEDED