CALIFORNIA AIR RESOURCES BOARD	Chongqing Rato Technology Co., Ltd.	**EXECUTIVE ORDER U-U-169-0254-1** 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 FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Chongqing Rato Technology Co., Ltd.	JCRPS.4382GA (U-U-169-0246) JCRPS.3012GA (U-U-169-0245) JCRPS.6702GA (U-U-169-0230) JCRPS.3012GV (U-U-169-0241) JCRPS.4202GV (U-U-169-0247) JCRPS.4202GN (U-U-169-0229) JCRPS.6702GC (U-U-169-0231) JCRPS.5002GV (U-U-169-0262) JCRPS.4202GE (U-U-169-0263) JCRPS.3382GA (U-U-169-0260)	389, 420, 438 301, 270 670 301 420 420 670 500 420 338	Gasoline

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

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2018	CM4202	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/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-10-003, Q-15-010, Q-15-011, Q-17-043	1.5	Q-16-013, Q-16-014, Q-17-025, Q-17-11, Q-17-001, Q-17-022, Q-16-019A, Q-16-017	1.4	C-U-07-022, C-U-07-021 Q-11-023, Q-15-008, Q-11-024, Q-13-004, Q-16-008

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.

This Executive Order hereby supersedes Executive Order U-U-169-0254 dated December 27, 2017.

Executed at El Monte, California on this 12TH day of September 2018.

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

M-M-169-0254-1

Attachment, 1 of 3

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								
X	R670, R12000DP-2 WX11000, PCC14110061725			X	II	CARB	30	28	0.59	Multi-layer	170	6	JCRPS.6702GA	Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-001 Q-17-022 Q-16-019A Q-16-017	Q-08-005 Q-10-003 Q-15-010 Q-15-011 Q-17-043	Q-11-024
											200					
											323					
	R670, R12000DP-A, RP12000 E ,RP12000						36	30	0.87		500					
							45	35	0.97		122					
											90	4				
	R670-A, R11500DP-4			X	II	CARB	60	50	1.1		180	6	JCRPS.6702GC			Q-11-024
	R420III, R420-V			X	II	CARB	4.9	4.2	0.176	Multi-layer	240	4	JCRPS.4382GA JCRPS.4202GV	Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-022 Q-16-019A Q-16-017	Q-08-005 Q-10-003 Q-15-010 Q-15-011 Q-17-043	C-U-07-021
	R440, R8000P R8000DP, R8000DP-T			X	II	CARB	27	24	0.74		195	4		Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-001 Q-17-022 Q-16-019A Q-16-017		C-U-07-022 Q-15-008 Q-11-023
											400	4				
	R420III, R420-V, R7100P-8, R7100DP-8, 68529, 68526, 68530, 68525			X	II	CARB	27	24	0.67		175	4				
							31.5	30	0.7							
	R420III, R420-V, R7100DP-9			X	II	CARB	30	28	0.71		195	4				
	R420III, R420-V, R7100P R7100DP, R7100DP-T WEN9000E			X	II	CARB	27	24	0.74		195	4				
											400					
	R420III, R420-V, R7100DP-A, R7100P-A, RP6500E, RP7500E			X	II	CARB	31.5	29	0.75		300	4.5				

Attachment, 2 of 3

	R420III, R420-V, R7100DP-M PR-G8000M-E GEN8000-0JME GEN8000-0MME, GEN8000-0DME GEN-8000-RRME			X	II	CARB	30	27.5	0.68	Multi-layer	195	4	JCRPS.4382GA JCRPS.4202GV JCRPS.4202GE	Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-001 Q-17-022 Q-16-019A Q-16-017	Q-08-005 Q-10-003 Q-15-010 Q-15-011 Q-17-043	C-U-07-022 Q-15-008 Q-11-023
	R420III, R420-V, R8000iDP			X	II	CARB	19	16	0.57		195	4				Q-13-004
	R420E, R7100P-M, R7100DP-M			X	II	CARB	30	27.5	0.68		370	7				C-U-07-022 Q-15-008 Q-11-023
											195	4				
	R420III, R420-V, R7100DP-3 PM0106507.02 PC0106507 PMC106507.01			X	II	CARB	27	24	0.67	Multi-layer	195	4	JCRPS.4382GA JCRPS.4202GV JCRPS.4202GN	Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-001 Q-17-022 Q-16-019A Q-16-017	Q-08-005 Q-10-003 Q-15-010 Q-15-011 Q-17-043	C-U-07-022 Q-15-008 Q-11-023 **Q-16-008**
	R420-V, R8000iEP-4			X	II	CARB	26	24	0.58		4.5	260				
											4.5	250				
	R420N-V,R7100DPN			X	II	CARB	29	26	0.74		390	4.5				
											260	5.5				
	R390III, R6000P-3, R6000DP-3 PM0105007.02 PC0105007 PMC0105007.01			X	II	CARB	27	24	0.67		195	4				
	R390III, R6000DP-8			X	II	CARB	27	24	0.67		175	4.5				
	R390III, R6000D-9 R6000DP-9			X	II	CARB	30	28	0.71	Multi-layer	195	4.5	JCRPS.4382GA		Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011 Q-17-043	C-U-07-022 Q-15-008 Q-11-023
	R390III, R6000DP R6000P			X	II	CARB	27	24	0.74		195	4				
	R390III, R6000P-M PR-G6000M GEN6000-0DM0 GEN6000-0MM0 GEN6000-0JM0 GEN-6000-RRM0			X	II	CARB	30	27.5	0.68		195	4.5				
	R300, R300-V , R5000P, R5000DP R5000P-A, R5000DP-A, RP5500, R5000P-8, R5000DP-8, R5500DP-8			X	II	CARB	27	24	0.74	Multi-layer	190	4.5	JCRPS.3012GA JCRPS.3012GV		Q-08-005 Q-08-017 Q-10-003 Q-15-010 Q-15-011 Q-17-043	Q-11-023
							31.5	28.5	0.75		300					
							31.5	30	0.70							
							27	24	0.67							
	R5500iDP						19	16	0.57		220					
											195	4				Q-13-004

Attachment, 3 of 3

	R670			X	II	CARB	16.5	15	0.37	Multi-layer	500	6	JCRPS.6702GA	Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-022 Q-16-019A Q-16-017	Q-08-005 Q-10-003 Q-15-010 Q-15-011 Q-17-043	Q-13-004 Q-11-023 Q-15-008 C-U-07-022
	R500-V, R9500DP, R9500P			X	II	CARB	27	24	0.74	Multi-layer	175 195	4 4	JCRPS.5002GV	Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-001 Q-17-022 Q-16-019A Q-16-017	Q-08-005 Q-10-003 Q-15-010 Q-15-011 Q-17-043	Q-11-023 Q-15-008 C-U-07-022
	R338,R6000P-3, R6000DP-3, R6000P,R6000DP,R6000DP-8,R6000D-9, R6000DP-9,R6000P-M,R5500P, R5500DP			X	II	CARB	27 27 30 30	24 24 28 27.5	0.67 0.74 0.71 0.68	Multi-layer	195 175	4.5 4.5	JCRPS.3382GA	Q-16-013 Q-16-014 Q-17-025 Q-17-011 Q-17-001 Q-17-022 Q-16-019A Q-16-017	Q-08-005 Q-10-003 Q-15-010 Q-15-011 Q-17-043	C-U-07-022 Q-15-008 Q-11-023

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