CALIFORNIA AIR RESOURCES BOARD	Chongqing Rato Technology Co., Ltd.	**EXECUTIVE ORDER U-U-169-0265** 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.	KCRPS.4382GA (TBC) KCRPS.3012GA (TBC) KCRPS.6702GA (TBC) KCRPS.3012GV (TBC) KCRPS.4202GV (TBC) KCRPS.4202GN (TBC) KCRPS.6702GC (TBC) KCRPS.5002GV (TBC) KCRPS.4202GE (TBC) KCRPS.3382GA (TBC) KCRPS.5002GN (U-U-169-0264)	389, 420, 438 301, 270 670 301 420 420 670 500 420 338 500	Gasoline

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

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2019	CM4202	See Attachment	Compressor, Pump, Hedge Trimmer, Generator Set, Line Trimmer, 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	See Attachment	1.5	See Attachment	1.4	See Attachment

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 25th day of September 2018.

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

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	R12000DP-2 WX11000, PCC141100 61725			X	II	CARB	30	28	0.59	Multi-layer	1700	6	KCRPS.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-17-043	Q-11-024
											180	6				
											305	4				
											323	6				
							45	35	0.97		170	6				
											90	4				
											200	6				
											500	6				
											122	6				
											630	4.5				
	R12000DP-A, RP12000 E ,RP12000						36	30	0.87		1700	6				
											122	6				
											630	4.5				
	R11500DP-4			X	II	CARB	60	50	1.1		180	6	KCRPS.6702GC			Q-11-024
											122	6				
											630	4.5				
	R670			X	II	CARB	16.5	15	0.37	Multi-layer	200	6	KCRPS.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-17-043	Q-11-023
											500	6				
											122	6				
											305	4				
	R9500DP, R9500P			X	II	CARB	27	24	0.74		175	4	KCRPS.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-17-043	Q-11-023 Q-15-008 C-U-07-022
											195	4.5				
	R9500DP-6, R9500P-6						34	31	0.7		260	4.5				C-U-07-022 Q-15-008
											195	4.5				

Attachment, 2 of 3

	R9500DPN, R9500PN			X	II	CARB	27	24	0.74		175	4	KCRPS.5002GN	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-17-043	Q-11-023 Q-15-008 C-U-07-022
											195	4.5				
	R9500DPN-6, R9500PN-6,						34	31	0.7		260	4.5				C-U-07-022 Q-15-008
											400	4.5				
	R6000P-3, R6000DP-3, R6000P,R6000DP, R6000DP-8, R6000D-9, R6000DP-9, R6000P-M, R5500P, R5500DP			X	II	CARB	27	24	0.67	Multi-layer	195	4.5	KCRPS.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-17-043	C-U-07-022 Q-15-008 Q-11-023
							27	24	0.74		175	4				
											195	4.5				
							27	24	0.67		175	4				
							30	27.5	0.68		195	4.5				
	R5000P, R5000DP						27	24	0.74		190	4.5	KCRPS.3012GA KCRPS.3012GV	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-17-043	C-U-07-022 Q-15-008 Q-11-023
											195	4.5				
	R5000P-A, R5000DP-A, RP5500						31.5	28.5	0.75		300	4.5				
											175	4.5				
											220	4.5				
	R5000P-8, R5000DP-8						31.5	30	0.70		175	4.5				
							27	24	0.67		175	4.5				
	R5500iDP						18.5	16	0.57		195	4.5				Q-13-004
	R420, R420-V			X	II	CARB	4.7	3.86	0.162	Multi-layer	240	4.5	KCRPS.4382GA KCRPS.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-17-043	C-U-07-021
	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				
	R7100P-8, R7100DP-8, 68529, 68526, 68530, 68525			X	II	CARB	27	24	0.67		175	4				
							31.5	30	0.7							
	R7100DP-9			X	II	CARB	30	28	0.71		195	4				
	R7100P R7100DP, R7100DP-T WEN9000E			X	II	CARB	27	24	0.74		195	4				
											400	4				
	R7100DP-A, R7100P-A, RP6500E, RP7500E			X	II	CARB	31.5	29	0.75		300	4.5				
											175	4.5				
											220	4.5				

	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	KCRPS.4382GA KCRPS.4202GV KCRPS.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-17-043	C-U-07-022 Q-15-008 Q-11-023
	R7100P-M, R7100DP-M			X	II	FI	30	27.5	0.68		370	7				C-U-07-022 Q-15-008 Q-11-023
											195	4.5				
	R8000iDP			X	II	CARB	18.5	16	0.57		195	4.5				Q-13-004
											160	4				
	R7100DP-3			X	II	CARB	27	24	0.67	Multi-layer	195	4.5	KCRPS.4382GA KCRPS.4202GV KCRPS.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-17-043	C-U-07-022 Q-15-008 Q-11-023 Q-16-008
	R8000iEP-4			X	II	CARB	26	24	0.58		260	4.5				
											250	4.5				
	R7100DPN			X	II	CARB	29	26	0.74		390	4.5				
											260	5.5				
	R6000P-3, R6000DP-3			X	II	CARB	27	24	0.67		195	4.5				
	R6000DP-8			X	II	CARB	27	24	0.67		175	4				
							31.5	30	0.7							
	R6000D-9, R6000DP-9			X	II	CARB	30	28	0.71		195	4.5	KCRPS.4382GA		Q-08-005 Q-10-003 Q-15-010 Q-17-043	C-U-07-022 Q-15-008 Q-11-023
	R6000DP, R6000P			X	II	CARB	27	24	0.74		195	4.5				
	R6000P-M PR-G6000M GEN6000-0DM0 GEN6000-0MM0 GEN6000-0JM0 GEN-6000-RRM0			X	II	CARB	30	27.5	0.68	Multi-layer	195	4.5				

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