

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-19-095;

**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 (U-U-169-0300)	389, 420, 438	Gasoline, Gasoline-LPG dual-fuel
	KCRPS.3012GA (U-U-169-0274-1)	301, 270	
	KCRPS.6702GA (U-U-169-0279)	670	
	KCRPS.3012GV (U-U-169-0272)	301	
	KCRPS.4202GV (U-U-169-0277)	420	
	KCRPS.4202GN (U-U-169-0276)	420	
	KCRPS.4202GP (U-U-169-0314)	389, 420	
	KCRPS.3382GP (U-U-169-0313)	338	
	KCRPS.6702GC (U-U-169-0294)	670	
	KCRPS.5002GV (U-U-169-0278-1)	500, 459	
	KCRPS.4202GE (U-U-169-0301)	420	
	KCRPS.3382GA (U-U-169-0291)	338	
	KCRPS.5002GN (U-U-169-0264-1)	500, 439, 459	
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, Leaf Blower/Vacuum
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Metal		See Attachment	
<small>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.</small>			

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<sup>2</sup>/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 <sup>2</sup> /day)		FUEL TANK PERMEATION (grams ROG/m <sup>2</sup> /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.**

This Executive Order hereby cancels and replaces Executive Order U-U-169-0265-1 dated April 12, 2019.

Executed at El Monte, California on this 8th day of August 2019



Allen Lyons, Chief  
 Emissions Certification and Compliance Division

Attachment, 1 of 4

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 <sup>2</sup> )	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-18-031A Q-18-018	Q-11-024 Q-19-022
											180	6				
											305	4				
							323	6								
							170	6								
							90	4								
	200						6									
	500						6									
	122						6									
	630						4.5									
	1700						6									
	122						6									
630	4.5															
	R12000DP-A, RP12000 E,RP12000						36	30	0.87							
	R11500DP-4			X	II	CARB	60	50	1.1			KCRPS.6702GC				Q-11-024 Q-19-022
	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-18-031A Q-18-018	Q-11-023 Q-19-020
	R9500DP, R9500P			X	II	CARB	27	24	0.74	Multi-layer	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-18-031A Q-18-018	Q-11-023 Q-15-008 C-U-07-022 Q-19-020 Q-18-016 C-U-07-022 Q-15-008 Q-11-023 Q-18-016
	R9500DP-M						30	27.5	0.68		195	4.5				
	R9500DP-6,R9500P-6, XP13000E, DS13000E						32.5	30	0.7		195	4.5				
							238	4.5								

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R9500DPN, R9500PN	X	II	CARB	27	24	0.74	Multi-layer	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-18-031A Q-18-018	Q-11-023
				32.5	30	0.7		195	4.5				238
238	4.5	C-U-07-022											
400	4.5	Q-19-020											
375	4.5	Q-18-016											
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 KCRPS.3382GP
				27	24	0.74		175	4	Q-15-008			
				27	24	0.67		195	4.5	C-U-07-022			
				30	27.5	0.68		175	4	Q-19-020			
				195	4.5	Q-18-016							
R5000P, R5000DP				27	24	0.74	Multi-layer	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 Q-18-031A Q-18-018	C-U-07-022
				31.5	28.5	0.75		195	4.5				Q-15-008
								300	4.5				Q-11-023
				27	24	0.67		175	4.5				Q-19-020
								220	4.5				Q-18-016
				31.5	30	0.70		175	4.5				C-U-07-022
175	4.5	Q-15-008											
R5500iDP,R5500iP				18.5	16	0.57	195	4.5	Q-11-023				
				195	4.5	Q-18-016							
R420/K420, R420-V, R420P, R390P R300/K300	X	II	CARB	4.7	3.86	0.162	Multi-layer	240	4.5	KCRPS.4382GA KCRPS.4202GV KCRPS.4202GP	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-18-031A Q-18-018	C-U-07-021
				27	24	0.74		195	4				Q-18-012
R8000P R8000DP, R8000DP-T	X	II	CARB	27	24	0.74	Multi-layer	400	4	KCRPS.4382GA KCRPS.4202GV KCRPS.4202GP	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-18-031A Q-18-018	C-U-07-022
				27	24	0.67		175	4				Q-15-008
R7100P-8, R7100DP-8, 68529, 68526, 68530, 68525	X	II	CARB	27	24	0.67	Multi-layer	175	4	KCRPS.4382GA KCRPS.4202GV KCRPS.4202GP	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-18-031A Q-18-018	Q-11-023
				31.5	30	0.7							C-U-07-022
													Q-15-008
													Q-11-023
													Q-18-016

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	R7100DP-9, EG-10000			X	II	CARB	30	28	0.71		195	4	KCRPS.4382GA KCRPS.4202GV KCRPS.4202GP	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-18-031A Q-18-018	C-U-07-022 Q-15-008 Q-11-023 Q-19-020 Q-18-016				
	R7100P, R7100DP, R7100DP-T WEN9000E			X	II	CARB	27	24	0.74		195	4							C-U-07-022 Q-15-008 Q-11-023 Q-19-020 Q-18-016	
	R7100DP-A, R7100P-A, RP6500E, RP7500E			X	II	CARB	31.5	29	0.75		400	4								
	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 KCRPS.4202GP	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-18-031A Q-18-018	C-U-07-022 Q-15-008 Q-11-023 Q-19-020 Q-18-016				
	R7100P-M, R7100DP-M			X	II	FI	30	27.5	0.68		370	7								
	R8000iDP			X	II	CARB	18.5	16	0.57		195	4.5								
	R7100DP-3			X	II	CARB	27	24	0.67		195	4								Q-13-004 Q-19-029
	R8000iEP-4			X	II	CARB	24	22.5	0.58	Multi-layer	195	4.5	KCRPS.4382GA KCRPS.4202GV KCRPS.4202GN KCRPS.4202GP	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-18-031A Q-18-018	C-U-07-022 Q-15-008 Q-11-023 Q-16-008 Q-19-020 Q-18-016				
	R7100DPN			X	II	CARB	29	26	0.74		260	4.5								
	R6000P-3, R6000DP-3			X	II	CARB	27	24	0.67		250	4.5								
	R6000DP-8			X	II	CARB	27	24	0.67		390	4.5								
	R6000D-9, R6000DP-9			X	II	CARB	30	28	0.71		260	4.5								
	R6000DP, R6000P			X	II	CARB	27	24	0.74		260	5.5								
	R6000P-M PR-G6000M GEN6000-0DM0 GEN6000-0MM0 GEN6000-0JM0 GEN-6000-RRM0			X	II	CARB	30	27.5	0.68	195	4.5	4	KCRPS.4382GA KCRPS.4202GP	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-18-031A Q-18-018	C-U-07-022 Q-15-008 Q-11-023 Q-18-016				
	R6000D-9, R6000DP-9			X	II	CARB	30	28	0.71	175	4								C-U-07-022 Q-15-008 Q-11-023 Q-18-016	
	R6000DP, R6000P			X	II	CARB	27	24	0.74	Multi-layer	195	4.5	KCRPS.4382GA KCRPS.4202GP	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-18-031A Q-18-018	C-U-07-022 Q-15-008 Q-11-023 Q-19-020 Q-18-016				
	R6000P-M PR-G6000M GEN6000-0DM0 GEN6000-0MM0 GEN6000-0JM0 GEN-6000-RRM0			X	II	CARB	30	27.5	0.68		195	4.5								

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	R9000DP-6 XP12000E DS12000E			X	II	CARB	32.5	30	0.7		195	4.5	KCRPS.5002GV				C-U-07-022
											238	4.5					Q-15-008
											195	4.5					Q-11-023
											27	24					0.74
	R9000DPN-6 XP12000EH,DS1200 0EH,			X	II	CARB	32.5	30	0.7		195	4.5	KCRPS.5002GN KCRPS.4382GA	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-18-031A Q-18-018		C-U-07-022
											238	4.5					Q-15-008
											195	4.5					Q-11-023
											27	24					0.74
	R8000DPN-6 XP10000EH,DS1 000EH R8000DP-6 XP10000E,DS10 00E			X	II	CARB	32.5	30	0.7		195	4.5					C-U-07-022
											238	4.5					Q-15-008
											195	4.5					Q-11-023
											27	24					0.74
	R8000DPN-6 XP10000EH,DS1 000EH R8000DP-6 XP10000E,DS10 00E			X	II	CARB	32.5	30	0.7		195	4.5					C-U-07-022
											238	4.5					Q-15-008
											195	4.5					Q-11-023
											27	24					0.74

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