

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.	LCRPS.5002GV (U-U-169-0340)	500, 459, 439	Gasoline, Gasoline-LPG dual-fuel
	LCRPS.5002GN (U-U-169-0339)	500, 459, 439	
	LCRPS.4202GA (U-U-169-0335)	420, 389	
	LCRPS.4202GP (U-U-169-0336)	420, 389	
	LCRPS.3012GA (U-U-169-0332)	301	
	LCRPS.6702GC (U-U-169-0352)	670	
	LCRPS.6702GA (U-U-169-0351)	670	
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2020	CRPCM670	See Attachment	Compressor, Generator Set
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
CM		See Attachment	
<small>A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. <u>Venting Control Type and Code</u>: Canister=C Sealed Tank=S Other=O 2. <u>Tank Barrier Type and Code</u>: Metal=M Treated HDPE or PE=P Co-extruded=C Sealar=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). <u>Note</u>: 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, as applicable), and certification levels in g organic material hydrocarbon equivalent·day⁻¹ or g ROG·m⁻²·day⁻¹ or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent·day ⁻¹)					
1.20 + 0.056 × Nominal Capacity (L)					
FUEL LINE PERMEATION (g ROG·m ⁻² ·day ⁻¹)		FUEL TANK PERMEATION (g ROG·m ⁻² ·day ⁻¹)		CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	See Attachment	1.5	Q-19-132	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), Section 2774 (bond requirements) 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 evaporative 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 19th day of February 2020.


 Allen Lyons, Chief
 Emissions Certification and Compliance Division

Small Off-Road Evaporative Certification Database Form

MODEL SUMMARY

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m ²)	S8. Fuel Line Type (e.g. Single or Multi-layer)	S9. Nominal Fuel Line Length ⁽¹⁾ (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L))/ Other Venting Control Executive Order		
		CA Only	50-State			Total	Nominal										
	R9500DP, R9500P		X	II	CARB	27	24	0.74	Multi-layer	195	4.5	LCRPS.5002GV	Q-19-132	Q-18-031A (Q-10-003) Q-18-018 (Q-17-043) Q-19-119 (Q-15-010)	Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)		
	R9500DP-M		X	II	CARB	30	27	0.68	Multi-layer	195	4.5				Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)		
	R9500DP-6, R9500P-6, XP13000E, DS13000EH		X	II	CARB	34	31	0.7	Multi-layer	238	4.5				Q-18-016 (C-U-07-022) Q-19-021 (Q-17-061)		
	R9000DP-6, XP12000E, DS12000E		X	II	CARB	34	31	0.7		390	4.5				Q-18-016 (C-U-07-022) Q-19-021 (Q-17-061)		
											195					4.5	
										238	4.5					190	4.5
			X	II	CARB	34	31	0.7	Multi-layer	195	4.5						Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)
						27	25	0.69	Multi-layer	195	4.5						

R8000P,R8000DP,R8000DP-T	X	II	CARB	27	24	0.74	Multi-layer	195	4.5	LCRPS.5002GV	Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)								
				27	25	0.69	Multi-layer	400	4.5										
R8000DP-6, XP10000E DS1000E	X	II	CARB	34	31	0.7	Multi-layer	190	4.5			LCRPS.5002GN	Q-18-016 (C-U-07-022) Q-19-021 (Q-17-061) Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)						
				27	25	0.69	Multi-layer	238	4.5										
R9500DPN, R9500PN	X	II	CARB	27	24	0.74	Multi-layer	195	4.5					Q-19-132	Q-18-031A (Q-10-003) Q-18-018 (Q-17-043) Q-19-119 (Q-15-010)				
				27	25	0.69	Multi-layer	238	4.5										
R9500DPN-6, R9500PN-6, DS13000E H, XP13000E H	X	II	CARB	34	31	0.7	Multi-layer	238	4.5							LCRPS.5002GN	Q-18-016 (C-U-07-022) Q-19-021 (Q-17-061)		
				34	31	0.7	Multi-layer	195	4.5										
R9000DPN-6, XP12000EH, DS12000EH	X	II	CARB	34	31	0.7	Multi-layer	238	4.5									LCRPS.5002GN	Q-18-016 (C-U-07-022) Q-19-021 (Q-17-061)
				34	31	0.7	Multi-layer	190	4.5										
R8000DPN-6, XP10000EH	X	II	CARB	27	25	0.69	Multi-layer	195	4.5	LCRPS.5002GN	Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)								
				34	31	0.7	Multi-layer	238	4.5										
R8000DPN-6, XP10000EH	X	II	CARB	34	31	0.7	Multi-layer	195	4.5			LCRPS.5002GN	Q-18-016 (C-U-07-022) Q-19-021 (Q-17-061)						
				27	25	0.69	Multi-layer	238	4.5										
R8000DPN-6, XP10000EH	X	II	CARB	34	31	0.7	Multi-layer	195	4.5					LCRPS.5002GN	Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)				
				27	25	0.69	Multi-layer	238	4.5										

	R420/K420, R390,R420 P, R390P		X	II	CARB	4.78	3.9	0.16	Multi- layer	240	4.5	LCRPS.4202GA LCRPS.4202GP	Q-19-132	Q-18-031A (Q-10-003) Q-18-018 (Q-17-043) Q-19-119 (Q-15-010)	Q-18-012 (C-U-07-021)
	R8000iDP		X	II	CARB	18.5	16	0.57	Multi- layer	195	4.5				Q-19-029
						24	22.5	0.58	Multi- layer	82.5	4.5				Q-19-019 (Q-16-008)
	R7100P-8, R7100DP-8, 68529,6852 6, 68530, 68525		X	II	CARB	27	24	0.67	Multi- layer	175	4.5				Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)
						31.5	30	0.7		175	4.5				Q-19-019 (Q-16-008) Q-18-016 (C-U-07-022)
	R7100DP-9		X	II	CARB	30	28	0.71	Multi- layer	195	4.5				Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)
	R7100P,R71 00DP, R7100DP-T, WEN9000E		X	II	CARB	27	24	0.74	Multi- layer	195	4.5				Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)
						27	25	0.69		Multi- layer	400				
						400	4.5								
	R7100DP- M,PR- G8000M-E, GEN8000 - XXXX*		X	II	CARB	30	27	0.68	Multi- layer	195	4.5				Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)
	R7100DP-3		X	II	CARB	27	24	0.67	Multi- layer	195	4.5	Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)			
	R6000P-3, R6000DP-3		X	II	CARB	27	24	0.67	Multi- layer	195	4.5	Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)			

	R6000P, R6000DP		X	II	CARB	27	24	0.74	Multi-layer	195	4.5	LCRPS.4202GA LCRPS.4202GP	Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)			
										195	4.5					
	R6000DP-8		X	II	CARB	27	24	0.67	Multi-layer	175	4.5			Q-19-019 (Q-16-008) Q-18-016 (C-U-07-022)		
										175	4.5					
	R6000P-9, R6000DP-9		X	II	CARB	30	28	0.71	Multi-layer	195	4.5				Q-19-020 (Q-11-023) Q-18-016 (C-U-07-022)	
	R6000P-M, R6000DP-M, PR-G6000M, GEN6000- XXXX*		X	II	CARB	30	27	0.68	Multi-layer	195	4.5					
	R300/K300		X	II	CARB	4.78	3.9	0.16	Multi-layer	240	4.5					Q-18-031A (Q-10-003) Q-18-018 (Q-17-043) Q-19-119 (Q-15-010)
	R5000P, R5000DP		X	II	CARB	27	24	0.74	Multi-layer	175	4.5					
										195	4.5					
	R5000P-8, R5000DP-8		X	II	CARB	31.5	30	0.7	Multi-layer	175	4.5					
										175	4.5					
	R5500iDP, R5500iP		X	II	CARB	18.5	16	0.57	Multi-layer	195	4.5	Q-19-029				

	R12000DP-2, WX11000, PCC141100, 61725		X	II	CARB	31	28	0.59	Multi-layer	1700 180 291 305	6 6 6 6	LCRPS.6702GA	Q-19-022 (Q-11-024)
	R12000DP-A, RP12000E, RP12000		X	II	CARB	36	30	0.87	Multi-layer	170 630 122	6 6 6		
	R12000DP-A, RP12000E, RP12000		X	II	CARB	47	42	0.97	Multi-layer	6 6 6 6 6 6	180 90 180 500 630 122	LCRPS.6702GA	Q-18-031A (Q-10-003) Q-18-018 (Q-17-043) Q-19-119 (Q-15-010)
	R670		X	II	CARB	16.5	15	0.37	Multi-layer	200 500 122 305	6 6 6 6		
X	R11500DP-4		X	II	CARB	60	50	1.1	Multi-layer	180 122 630	6 6 6	LCRPS.6702GC	Q-19-022 (Q-11-024)

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

* xxxx is a suffix composed of 4 letters, like ODME. Different suffixes indicate different brands and external colors, no effect on performance or emissions.