EXECUTIVE ORDER U-U-169-0083-1 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-02-003:

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 FAM	IILY (E.O. NUMBER)	ENGINE SIZE	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)					
	Chongqing Rato Power Manufacturing Corporation	DCRPS.2121 DCRPS.1791	IGC (U-U-169-0078) IGA (U-U-169-0077) IGA (U-U-169-0075) .2231GA (TBC)	212 212 179 223	Gasoline					
S.A. = See TBC = To E	Attachment Be Certified	EQUIPME	NT DESCRIPTION							
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE EQUIPMENT APPLICATION								
2013	CM2121	3.0, 3.6, 14, 15, 17 Compressor, Pump, Generator Set, Pressure Washer, Tiller								
EMISSIO	N CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL								
	СМ	See Attachment								
Metal=M T	E (Venting Control Type/Tank Barrier Tyj eated HDPE or PE=P Co-extruded=C \$ r Codes = M, P, C, L, N, A, O). <u>Note</u> : Al	Selar=L Nylon=N Acetal=/	A Other=O B. EVAPORATIV	E FAMILY 2-Letter C	ODE (Venting Control Codes =C, S, O);					

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/m²/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		DE	SIGN BASED				
	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams ROG/m²/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	15 Q-08-005, Q-08-017, Q-10-003, Q-12-003 1.5		*	1.0, 1.4	C-U-06-003, C-U-07-008, Q-07-020, Q-09-005, Q-11-003, Q-07-004, Q-07-005, C-U-07-009, C-U-06-007, Q-07-021, Q-07-008		

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-169-0083 dated January 10, 2013.

Executed at El Monte, California on this \_\_\_\_\_

\_ day of February 2010

Annette Hebert, Chief

Mobile Source Operations Division

## Attachment, 1 of Z

#### DRAFT

# Small Off-Road Evaporative Certification Database Form (Supplementary Information)

	MODEL SUMMARY													·	
S1.	S2.		S3.		S4.	S5.	S6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	Engine or Equipment Model	all a	Codes (appropri	ate)	Engine Class (I or II)	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)	Fuel Tank Internal Surface Area	Fuel Line Type	Nominal Fuel Line Length (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control
		Only	State	State				(m <sup>2</sup> )		()	()				Executive Order
	R180-3-III、K180-III R210III、K210III、 R210、R210-III、K210-III RT50ZB26-3.6Q、 RT80ZB26-3.6Q、 RT40YB55-3.6Q、 RT40YB75-3.6Q、 RT50YB50-3.8Q、 RT50HB35-3.8Q、 RT50YB80-3.8Q、 RT50ZB26-3.6Q、 RT50ZB26-3.6Q、 RT40YB55-3.6Q、 RT40YB55-3.6Q、			x	1	CARB	3.6 or 3.0	0.15 or 0.12	Multi-layer	160 or 140	4.0	DCRPS.1791GA DCRPS.2121GA DCRPS.2121GC	N/A	Q-08-005 or Q-08-017 or Q-10-003 or Q-12-003	C-U-06- 003 or Q-07-020 or C-U-07- 008 or Q-09-005 or Q-11-003 or Q-07-004 or
	R2000DP, R2000DP-3, R2000DP-E1, R2000DP-E2, R2000P, R2000P-3, R2000P-8, R2000P-9, R2000P-E, R2000P-E, R2000P-E1, R2000PN-E, R2000PN-W;			X	i	CARB	14	0.48	Multi- layer	160 or 140	4.0 or 4.5	DCRPS.1791GA DCRPS.2121GC DCRPS.2121GA	N/A		C-U-07-009 or Q-07-021 or C-U-06-007 or Q-07-008

### Attachment, 2 of 2

# DRAFT

R2500P, R2500DP, R2500P-3, R2500DP-3, R2500P-E, R2800i, R2800iP; R3100P, R3100P-3, R3100P-6, R3100P-8, R3100P-9, R3200P, R3100DP-3, R3100DP, R3200DP; R3100DP-E, R3100DP-E1, R3100DP-E1, R3100DP-E2; R3100DP-E1, R3100DP-E2; R3100DP-E, R3200P; PMC103004, PMC103005, PMC103005, 01, PMC103007, PMC105007, PMC103004, 01, PM0103004, 02, PM0103005, 02, PM0103007; 01, PC0103007; 56352, 56405, 56415	X 1	CARB	17 or 15	0.54 or 0.5	Multi- layer	140 or 120 or 150	4.0 or 5.0	DCRPS.2121GC DCRPS.2121GA	N/A	Q-08-005 or Q-08-017 or Q-10-003 or Q-12-003	C-U-07-009 or Q-07-021 or Q-07-008
R225 R3100P	X 1	CARB	3.6	0.15	Multi- layer	or 140 or 150 or 160 or 200	4.0 or 5.0 or 8.0 or 12.7	DCRPS.2231GA	N/A	Q-08-005 or Q-08-017 or Q-10-003 or Q-12-003	C-U-06-003