

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)					
LC	ONCIN MOTOR CO., LTD.	MCGPS.4202GS (U	-U-145-0467)	420	Gasoline					
S.A. = See Attachment TBC = To Be Certified EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)		EQUIPMENT APPLICATION						
2021	CGPCM420S	See Attachment	Compressor, Generator Set, Pump							
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: 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, as applicable), and certification levels in g organic material hydrocarbon equivalent day or g ROG·m²-day 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 day¹) 1.20 + 0.056 × Nominal Capacity (L)									
	LINE PERMEATION ROG·m ⁻² ·day ⁻¹)		FANK PERMEATION ROG·m ⁻² ·day ⁻¹)	CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)					
STANDARD	ARD CERTIFICATION LEVEL STANDARD CERTIFICATION LEVEL OR EXECUTIVE ORDER STAND		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), 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 on this 15th day of November 2020.

Allen Lyons, Chief

Emissions Certification and Compliance Division

Date: __11/09/2020____ Evaporative Family: __CGPCM420S_____ For CARB Use Only
Executive Order: U-U-145-0492
Attachment _1__of_1_

Model Summary

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		Sales Codes	(Check all			Fuel Tank Vol									
S1. Worst Case (Check One)	S2. Model	approp Calif. Only	50-State	S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	Total	Nominal	S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (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)
	LC190FD-2		х	11	CARB	28.6	24.3	0.5848	multilayer	<=300	4 or greater	MCGPS.4202GS	Q-19-023	Q-18-024 Q-19-013A Q-19-002	Q-19-066(30.70L) Q-20-032(32.5L)
x	LC190FD-2		х	11	CARB	28.5	25	0.597	multilayer	<=300	4 or greater	MCGPS.4202GS	Q-19-136A	Q-18-024 Q-19-013A Q-19-002	Q-19-066(30.70L) Q-20-032(32.5L)
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