

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.

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TYPE
2024	CHDCP1601	Gasoline, Gasoline-Liquefied Petroleum Gas (LPG) Dual Fuel
EVAPORATIVE EMISSION CONTROL SYSTEMS		EQUIPMENT APPLICATION
Canister (C), Treated HDPE (P)		Generator Set

Equipment/evaporative systems certified by this Executive Order are further described in Attachment.

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)					
0.95 + 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	See Attachment	1.0, 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 Title 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and Sections 2760 and 2764 (emission control system warranty).

BE IT FURTHER RESOLVED: That the listed engine models are certified based on the information provided by the manufacturer in its application for certification, the manufacturer's attestation that the listed engine models meet all applicable certification requirements for 2024 model year small off-road engines in the 13 CCR Sections 2400 through 2409, and Sections 2750 through 2774, and on CARB staff's review of the information and documents submitted by the manufacturer in support of that attestation.

On December 20, 2022, CARB submitted a request that the United States Environmental Protection Agency (U.S. EPA) grant California an authorization for 2021 Amendments to its Small Off-Road Engine regulation, which establishes emission standards and other emission-related requirements for off-road spark-ignition engines rated at or below 19 kilowatts. If U.S. EPA grants California the authorization for the 2021 Amendments to the Small Off-Road Engine regulation, this Executive Order terminates on the date that U.S. EPA's authorization decision is published in the Federal Register.

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 17th day of June 2024.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

Date: _5/13/2024_____
 Evaporative Family: ____CHDCP1601_____

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 (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)
		Calif. Only	50-State			Total	Nominal								
	164F/P DK164F/P DK145i SP3200i DK165F/P-1 165F/P-1		X	I	CARB	3.8	3.7	0.181	Multi-layer	130-600	4.5	RCHDS.1601EI	Q-22-039	Q-22-033 Q-22-032	Q-22-021
X	164F/P DK164F/P DK145i SP3200i DK165F/P-1 165F/P-1		X	I	CARB	5.9	5.7	0.260386628	Multi-layer	130-600	4.5	RCHDS.1601EI	Q-22-049	Q-22-033 Q-22-032	Q-22-022 Q-22-024 Q-22-013
	164F/P DK164F/P DK145i SP3200i DK165F/P-1 165F/P-1		X	I	CARB	4.4	4.3	0.237473149	Multi-layer	130-600	4.5	RCHDS.1601EI	Q-22-049	Q-22-033 Q-22-032	Q-22-022 Q-22-024 Q-22-013
	164F/P DK164F/P DK145i SP3200i DK165F/P-1 165F/P-1		X	I	CARB	3.8	3.7	0.181267082	Multi-layer	130-600	4.5	RCHDS.1601EI	Q-22-049	Q-22-033 Q-22-032	Q-22-021 Q-22-044
	164F/P DK164F/P DK145i DK165F/P-1 165F/P-1		X	I	CARB	3.8	3.7	0.181	Multi-layer	130-600	4.5	RCHDS.1601EC	Q-22-039	Q-22-033 Q-22-032	Q-22-021

Date: _5/13/2024_____
 Evaporative Family: ____CHDCP1601_____

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 (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)
		Calif. Only	50-State			Total	Nominal								
	164F/P DK164F/P DK145i DK165F/P-1, 165F/P-1		X	I	CARB	5.9	5.7	0.260386628	Multi-layer	130-600	4.5	RCHDS.1601EC	Q-22-049	Q-22-033 Q-22-032	Q-22-022 Q-22-024 Q-22-013
	164F/P DK164F/P DK145i DK165F/P-1 165F/P-1		X	I	CARB	4.4	4.3	0.237473149	Multi-layer	130-600	4.5	RCHDS.1601EC	Q-22-049	Q-22-033 Q-22-032	Q-22-022 Q-22-024 Q-22-013
	164F/P DK164F/P DK145i DK165F/P-1 165F/P-1		X	I	CARB	3.8	3.7	0.181267082	Multi-layer	130-600	4.5	RCHDS.1601EC	Q-22-049	Q-22-033 Q-22-032	Q-22-021 Q-22-044
	164F/GL, DK164F/GL DK165F/GL-1, 165F/GL-1		X	I	CARB	3.8	3.7	0.181	Multi-layer	130-600	4.5	RCHDS.1601GL	Q-22-039	Q-22-033 Q-22-032	Q-22-021
	164F/GL, DK164F/GL DK165F/GL-1, 165F/GL-1		X	I	CARB	5.9	5.7	0.260386628	Multi-layer	130-600	4.5	RCHDS.1601GL	Q-22-049	Q-22-033 Q-22-032	Q-22-022 Q-22-024 Q-22-013
	164F/GL, DK164F/GL DK165F/GL-1, 165F/GL-1		X	I	CARB	4.4	4.3	0.237473149	Multi-layer	130-600	4.5	RCHDS.1601GL	Q-22-049	Q-22-033 Q-22-032	Q-22-022 Q-22-024 Q-22-013
	164F/GL, DK164F/GL DK165F/GL-1, 165F/GL-1		X	I	CARB	3.8	3.7	0.181267082	Multi-layer	130-600	4.5	RCHDS.1601GL	Q-22-049	Q-22-033 Q-22-032	Q-22-021 Q-22-044

