

Pursuant to the authority vested in California Air Resources Board by Health and Safety Code Divisions 25.5 and 26, Part 5, Chapter 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:** The following on-road motor vehicles with a manufacturer's GVWR over 26,000 pounds are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

**VEHICLE FAMILY INFORMATION:**

Model Year: 2023

Vehicle Family Name: PPCR2TRACCJ3

Vehicle Type: Tractor

Vehicle Service Class: Heavy HDV

Vehicle Subcategory: Low-Roof Sleeper Cab

Gross Vehicle Weight Rating (GVWR) of Vehicles (pounds): GVWR > 33,000

**CO<sub>2</sub> FAMILY EMISSION LIMITS:**

CO<sub>2</sub> Standard (g/ton-mile): 72.3

Highest Projected Family Emission Limit (g/ton-mile): 158.4

Lowest Projected Family Emission Limit (g/ton-mile): 45.5

**EMISSION CONTROL SYSTEMS:**

Automatic engine shutdown system (AES), Aero roof fairing (ARF), Aero side skirt/or fuel tank fairing (ATS), Low rolling resistance tires (all) (LRRRA), Low rolling resistance tires (drive) (LRRD), Low rolling resistance tires (steer) (LRRS), Gap reducing fairing (TGR), Tire pressure monitoring system (TPMS), Vehicle speed limiter (VSL), Expiring vehicle speed limiter (VSLE), Weight reduction (WR), Engine shutoff - 5 min or less idling (IRT5), Expiring engine shutoff (IRTE)

**BE IT FURTHER RESOLVED:** The manufacturer has demonstrated certification compliance with the Greenhouse Gas Emission Standards as specified in Title 17 CCR 95663 and the incorporated "California Greenhouse Gas Exhaust Emission Standards and Test Procedures for 2014 and Subsequent Model Heavy-Duty Vehicles" (HDV Test Procedures) adopted October 21, 2014 as last amended September 9, 2021.

**BE IT FURTHER RESOLVED:** For the listed air conditioning platform(s) in the attachment, the manufacturer has demonstrated certification compliance with the AC Leakage Standard specified in 17 CCR 95663(a)(2)(B)3 and Section 1037.115 of the incorporated "California Greenhouse Gas Exhaust Emission Standards and Test Procedures for 2014 and Subsequent Model Heavy-Duty Vehicles (HDV Test Procedures) adopted October 21, 2014, as last amended September 9, 2021.

**BE IT FURTHER RESOLVED:** For the listed vehicle models, the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1978 (complete vehicles) (vehicle refueling emissions standards), and 13 CCR 2035 et seq. (emission control warranty).

**BE IT FURTHER RESOLVED:** The engine families that are approved for installation within the vehicle family are listed in the attachment.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

Executed on this 6th day of December 2022.



Robin U. Lang, Chief  
Emissions Certification and Compliance Division

**Vehicle Make and Models:**

<b><u>Vehicle Make</u></b>	<b><u>Models</u></b>					
Peterbilt	Model 325	Model 220	Model 367	Model 537	Model 535	
	Model 348	Model 567	Model 579	Model 536	Model 337	
	Model 330	Model 589	Model 520	Model 389	Model 548	Model 365
Kenworth	T270	T470		T370	W990	T880
	T680	T280		T800	<b>W900</b>	<b>T170</b>
	T380	T440		T480	<b>T180</b>	

**Engine Families in Vehicle Family:**

PPCRH10.8C21	PCEXH0408BDA	PCEXH0540LDB	PCEXH0921XCA
PPCRH12.9C21	PCEXH0540LCA	PCEXH0540LDC	PCEXH0921XCB
PCEXH0408BCA	PCEXH0540LDA	PCEXH0729XDA	PCEXH0921XCC
<b>RPCRH10.8C21</b>	<b>RCEXH0408BCA</b>	<b>RCEXH0912XEB</b>	<b>RCEXH0540LDC</b>
<b>RPCRH12.9C21</b>	<b>RCEXH0540LCA</b>	<b>RCEXH0912XEC</b>	<b>RCEXH0540LDB</b>
<b>RPCRH12.9C01</b>	<b>RCEXH0912XEA</b>	<b>RCEXH0540LDA</b>	

**A/C Platform Summary:**

<b><u>A/C Platform ID</u></b>	<b><u>Refrigerant Type</u></b>	<b><u>Refrigerant Capacity (g)</u></b>	<b><u>STD (HFC (g/year))</u></b>	<b><u>Leakage Rate (HFC (g/year))</u></b>
STANDARD 0000610 SLEEPER	R134a	1758	26.4	14.0
NOIDLE 0000610 SLEEPER_NI	R134a	2353	35.3	22.2
STANDARD 0000800 SLEEPER	R134a	1899	28.5	23.7
STANDARD 0000810 SLEEPER	R134a	1758	26.4	14.1
NOIDLE 0000810 SLEEPER_NI	R134a	2353	35.3	22.3
STANDARD 0000900 SLEEPER	R134a	1814	27.2	24.0
STANDARD 0000990 SLEEPER	R134a	1758	26.4	14.1
NOIDLE 0000990 SLEEPER_NI	R134a	2353	35.3	22.3
STANDARD 0003651 SLEEPER	R134a	1950	29.3	19.3
STANDARD 0003671 SLEEPER	R134a	1950	29.3	19.3
STANDARD 0003891 SLEEPER	R134a	1814	27.2	19.3
STANDARD 0005671 SLEEPER	R134a	1758	26.4	14.1
NOIDLE 0005671 SLEEPER_NI	R134a	2353	35.3	22.3
STANDARD 0005791 SLEEPER	R134a	1758	26.4	14.0
NOIDLE 0005791 SLEEPER_NI	R134a	2353	35.3	22.2