

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 10,000 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: PPCR2VOCVC5K

Vehicle Type: Vocational

Vehicle Service Class: Heavy HDV

Vehicle Subcategory: Heavy HDV / Diesel / Multi-Purpose

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

CO₂ FAMILY EMISSION LIMITS:

CO₂ Standard (g/ton-mile): 261

Highest Projected Family Emission Limit (g/ton-mile): 524

Lowest Projected Family Emission Limit (g/ton-mile): 172

EMISSION CONTROL SYSTEMS:

Low rolling resistance tires (all) (LRRRA), Low rolling resistance tires (drive) (LRRD), Low rolling resistance tires (steer) (LRRS), Tire pressure monitoring system (TPMS), Vehicle speed limiter (VSL), Expiring vehicle speed limiter (VSLE), Weight reduction (WR)

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)(1)(B)7 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 13th day of December 2022.



Robin U. Lang, Chief
Emissions Certification and Compliance Division

Vehicle Make and Models:

<u>Vehicle Make</u>	<u>Models</u>					
Peterbilt	Model 348	Model 579	Model 389	Model 365	Model 535	
	Model 548	Model 520	Model 220	Model 367	Model 337	
	Model 330	Model 537	Model 567	Model 536	Model 589	
Kenworth	T380	T440	W990	T370	T480	T680 L770
	T470	W900	T880	T800	T170	T180
	T270	T280	K270			

Engine Families in Vehicle Family:

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

A/C Platform Summary:

<u>A/C Platform ID</u>	<u>Refrigerant Type</u>	<u>Refrigerant Capacity (g)</u>	<u>STD (HFC (g/year))</u>	<u>Leakage Rate (HFC (g/year))</u>
STANDARD 0000301	R134a	953	14.3	13.4
STANDARD 0000370	R134a	1361	20.4	19.4
STANDARD 0000410	R134a	1616	24.2	20.0
STANDARD 0000610	R134a	1474	22.1	12.8
STANDARD 0000800	R134a	1588	23.8	19.3
ROOF-MTD-CONDENSER0000800	R134a	1588	23.8	21.7
STANDARD 0000810	R134a	1474	22.1	12.9
STANDARD 0000900	R134a	1446	21.7	19.7
STANDARD 0000990	R134a	1474	22.1	12.9
STANDARD 0000380	R134a	907	13.6	13.1
STANDARD 0000480	R134a	907	13.6	13.1
STANDARD 0002201	R134a	953	14.3	13.4
STANDARD 0003301	R134a	1315	19.7	16.3
STANDARD 0003371	R134a	1315	19.7	16.3
STANDARD 0003481	R134a	1315	19.7	16.3
STANDARD 0003651	R134a	1270	19.1	16.8
STANDARD 0003671	R134a	1270	19.1	16.8
STANDARD 0003891	R134a	1315	19.7	16.8
STANDARD 0005201	R134a	1315	19.7	19.7
STANDARD 0005671	R134a	1474	22.1	12.9
STANDARD 0005791	R134a	1474	22.1	12.8
STANDARD 0005351	R134a	907	13.6	13.1
STANDARD 0005361	R134a	907	13.6	13.1
STANDARD 0005371	R134a	907	13.6	13.1
STANDARD 0005481	R134a	907	13.6	13.1
STANDARD 0005201 DUAL DSD	R134a	1588	23.8	18.0
STANDARD 0005201 ROOFEVAP	R134a	1361	20.4	19.6
STANDARD 0005201 ROOFCOND	R134a	1442	21.6	19.6