

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: PPCR2TRACCA1

Vehicle Type: Tractor

Vehicle Service Class: Medium HDV

Vehicle Subcategory: High-Roof Sleeper Cab

Gross Vehicle Weight Rating (GVWR) of Vehicles (pounds): 26,000 < GVWR ≤ 33,000

CO₂ FAMILY EMISSION LIMITS:

CO₂ Standard (g/ton-mile): 113.5

Highest Projected Family Emission Limit (g/ton-mile): 218.9

Lowest Projected Family Emission Limit (g/ton-mile): 76.3

EMISSION CONTROL SYSTEMS:

Aero roof fairing (ARF), Aero side skirt/or fuel tank fairing (ATS), Low rolling resistance tires (all) (LRRA), Low rolling resistance tires (drive) (LRRD), Low rolling resistance tires (steer) (LRRS), Gap reducing tractor fairing (TGR), 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)(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 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 29th day of November 2022.



Robin U. Lang, Chief
Emissions Certification and Compliance Division

Vehicle Make and Models:

Vehicle Make

Models

Peterbilt

Model 325, Model 367, Model 537, Model 348, Model 579, Model 536, Model 330, Model 520, Model 389, Model 220, Model 535, Model 365, Model 567, Model 337, Model 548, **Model 589**

Kenworth

T270, T470, T370, T680, T280, T800, T380, T440, T480, T880, W990, **T180, T170, W900**

Engine Families in Vehicle Family:

| | | | |
|---------------------|---------------------|---------------------|---------------------|
| PPCRH10.8C21 | PCEXH0540LCA | PCEXH0540LDB | PCEXH0921XCA |
| PPCRH12.9C21 | PCEXH0540LDA | PCEXH0540LDB | PCEXH0921XCC |
| PCEXH0408BCA | PCEXH0540LDA | PCEXH0408BDA | PCEXH0921XCB |
| PCEXH0408BDA | PCEXH0540LDC | PCEXH0729XDA | PCEXH0540LDC |
| PCEXH0729XDA | RPCRH10.8C21 | RCEXH0408BCA | RCEXH0912XEB |
| RCEXH0540LDC | RPCRH12.9C21 | RCEXH0540LCA | RCEXH0912XEC |
| RCEXH0540LDB | 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 0000270 | R134a | 1361 | 20.4 | 19.4 |
| 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 0000280 | R134a | 907 | 13.6 | 13.1 |
| STANDARD 0000380 | R134a | 907 | 13.6 | 13.1 |
| STANDARD 0000480 | R134a | 907 | 13.6 | 13.1 |
| STANDARD 0003251 | R134a | 1315 | 19.7 | 16.3 |
| 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 ROOFVAP | R134a | 1361 | 20.4 | 19.6 |
| STANDARD 0005201 ROOFCOND | R134a | 1442 | 21.6 | 20.3 |