

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: 2022

Vehicle Family Name: NPCR2TRACCH3

Vehicle Type: Tractor

Vehicle Service Class: Heavy HDV

Vehicle Subcategory: Mid-Roof Sleeper Cab

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

CO₂ FAMILY EMISSION LIMITS:

CO₂ Standard (g/ton-mile): 78.0

Highest Projected Family Emission Limit (g/ton-mile): 165.0

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), Expiring engine shutoff (IRTE), Engine shutoff - 5 min or less idling (IRT5)

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 June 27, 2019.

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 June 27, 2019.

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 28th day of December 2021.



Allen Lyons, Chief
Emissions Certification and Compliance Division

Vehicle Make and Models:**Vehicle Make****Models**

Peterbilt

Model 367, Model 520, Model 567, Model 579, Model 365, Model 389

Kenworth

C500, T440, T480, T380, W900, T680, T470, T800, T880, T370, W990

Engine Families in Vehicle Family:

MPCR10.8M21	NCEXH0540LCA	NCEXH0540LDA	MCEXH0921XCC
MPCR12.9M21	NCEXH0540LDB	NCEXH0921XCB	MCEXH0729XDA
NPCR10.8M21	NCEXH0921XCC	NCEXH0540LDC	MCEXH0408BDA
NPCR12.9M21	NCEXH0729XDA	NCEXH0408BCA	MCEXH0921XCA
NPCR10.8C21	NCEXH0408BDA	MCEXH0540LCA	MCEXH0540LDA
NPCR12.9C21	NCEXH0921XCA	MCEXH0540LDB	MCEXH0921XCB
MCEXH0540LDC	MCEXH0408BCA		

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 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