

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.

| MODEL YEAR | VEHICLE FAMILY NAME | VEHICLE TYPE | VEHICLE SERVICE CLASS | SUBCATEGORY | VEHICLE MAKE & MODELS |
|------------|---------------------|--------------|-----------------------|-------------------|---|
| 2021 | MPCR2TRACCD2 | Tractor | Heavy HDV | High-Roof Day Cab | Peterbilt: Model 367; Model 389; Model 567; Model 365; Model 520; Model 579; Model 220; Model 535; Model 337; Model 536; Model 548; Model 348; Model 330; Model 537 Kenworth: T380; T480; T880; T440; T370; T680; C500; W990; T470; W900; T800 |

EMISSION CONTROL SYSTEMS

LRRD, LRRS, TPMS, ARF, ATS, VSL, WR, TGR, IRT5, IRTE, LRRR, IRT

*=not applicable; VSL = Vehicle speed limiter; VSLS = "Soft-top" vehicle speed limiter; VSLE = Expiring vehicle speed limiter; VSLED = Vehicle speed limiter with both "soft-top" and expiration; IRT = Engine shutoff; IRT5 = Engine shutoff after 5 minutes or less of idling; IRTE = Expiring engine shutoff; LRRR = Low rolling resistance tires (all); LRRD = Low rolling resistance tires (drive); LRRS = Low rolling resistance tires (steer); ATS = Aerodynamic side skirt and/or fuel tank fairing; ARF = Aerodynamic roof fairing; ARFR = Adjustable height aerodynamic roof fairing; TGR = Gap reducing tractor fairing (tractor to trailer gap); ADVH = Vehicle includes advanced hybrid technology components; ADVO = Vehicle includes other advanced-technology components (i.e., non-hybrid system); INV = Vehicle includes innovative (off-cycle) technology components; ATI = Automatic tire inflation system; TPMS = Tire pressure monitoring system; WR = Weight Reduction

Shown below are the CO₂ Greenhouse Gas Exhaust Emission Standard (STD) in g/ton-mile and/or the CO₂ Family Emission Limit(s) (FEL) of the listed vehicle family in g/ton-mile as applicable under 17 CCR 95663:

| GVWR (pounds) | STD [CO ₂ (in g/ton-mile)] | Highest Projected FEL [CO ₂ (in g/ton-mile)] | Lowest Projected FEL [CO ₂ (in g/ton-mile)] |
|---------------|---------------------------------------|---|--|
| GVWR > 33,000 | 85.6 | 206.2 | 57.5 |

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), and 13 CCR 2035 et seq. (emission control warranty).

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

This Executive Order hereby supersedes Executive Order A-384-0093 dated January 15, 2021.

Executed on this 26th day of April 2021



Allen Lyons, Chief
 Emissions Certification and Compliance Division

A/C PLATFORM SUMMARY TABLE

| | | |
|----------------|------------|--------------|
| Vehicle family | Date | EO |
| MPCR2TRACCD2 | 04/06/2021 | A-384-0093-1 |

| A/C Platform ID | Refrigerant Type | Refrigerant Capacity (g) | STD (HFC (g/year)) | Leakage Rate (HFC (g/year)) |
|---------------------------|------------------|--------------------------|--------------------|-----------------------------|
| STANDARD 0000370 | R134a | 1361 | 20.4 | 19.4 |
| STANDARD 0000410 | R134a | 1616 | 24.2 | 20.0 |
| STANDARD 0000500 | R134a | 1588 | 23.8 | 19.4 |
| 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 | 879 | 13.2 | 13.1 |
| STANDARD 0000380 | R134a | 879 | 13.2 | 13.1 |
| STANDARD 0000480 | R134a | 879 | 13.2 | 13.1 |
| 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 | 879 | 13.2 | 13.1 |
| STANDARD 0005361 | R134a | 879 | 13.2 | 13.1 |
| STANDARD 0005371 | R134a | 879 | 13.2 | 13.1 |
| STANDARD 0005481 | R134a | 879 | 13.2 | 13.1 |