

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-74-1

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

CUMMINS ENGINE COMPANY, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Cummins Engine Company, Inc. 1992 model diesel engine is certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

| <u>Engine Family</u> | <u>Liters (Cubic Inches)</u> | | <u>Exhaust Emission Control Systems and Special Features</u> |
|-----------------------|------------------------------|-------|--|
| NCE0855FZC7 (093P) | 14.0 | (855) | Powertrain Control Module Turbocharger Charge Air Cooler |

Engine models and codes are listed on attachments.

The certification emission standards for this engine family in grams per brake-horsepower-hour are as follows:

| <u>Total Hydrocarbons</u> | <u>Carbon Monoxide</u> | <u>Nitrogen Oxides</u> | <u>Particulates</u> |
|---------------------------|------------------------|------------------------|---------------------|
| 1.3 | 15.5 | 5.0 | 0.25 |

The certification emission values for this engine family in grams per brake-horsepower-hour are as follows:

| <u>Engine Family</u> | <u>Total Hydrocarbons</u> | <u>Carbon Monoxide</u> | <u>Nitrogen Oxides</u> | <u>Particulates</u> |
|-----------------------|---------------------------|------------------------|------------------------|---------------------|
| NCE0855FZC7 (093P) | 0.4 | 2.3 | 4.9 | 0.21 |

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.)

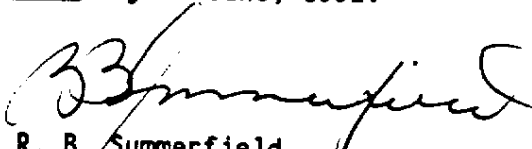
CUMMINS ENGINE COMPANY, INC.

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

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 15th day of June, 1992.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-21-74-11992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINESPage 1 of 2Manufacturer Cummins Engine Company, Inc. Engine Family (093P) NCE0855FZC7Liter (CID) 14 (855) Eng. Type I-6Emission Control Sys. & Special Features PCME, TC, CAC
(Use abbreviations per SAE J1930 Jun88)

| Engine Model (Eng. Code) | Fuel Injection Pump Mfr. Part Number | Injector Mfr. Part Number | Maximum Rated HP and RPM | Fuel Rate at Maximum HP mm ³ /stroke | Particulate Trap Mfr. Part Number |
|-----------------------------|--|---------------------------------|--------------------------------|--|---|
| N14-330E (1540) | Cummins | Cummins 3070739 | 330@1600 | 196 | NA |
| N14-330E (1536) | Cummins | Cummins 3070739 | 330@1600 | 200 | NA |
| N14-330E (1537) | Cummins | Cummins 3070739 | 330@1600 | 200 | NA |
| N14-350E (1535) | Cummins | Cummins 3070739 | 350@1600 | 213 | NA |
| N14-310E (1538) | Cummins | Cummins 3070739 | 310@1600 | 189 | NA |

Revisions:

031390

030186

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINESManufacturer Cummins Engine Company, Inc. Engine Family (093P) NCE0855FZC7Liter (CID) 14 (855) Eng. Type I-6Emission Control Sys. & Special Features PCME, TC, CAC
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|-----------------------------|---|------------------------------|-----------------------------|---|---|
| (1) N14-350E (1574) | Cummins | Cummins 3073995 | 350@1600 | 208 | NA |
| (1) N14-330E (1574) | Cummins | Cummins 3073995 | 330@1600 | 196 | NA |
| (1) N14-310E (1574) | Cummins | Cummins 3073995 | 310@1600 | 184 | NA |

Revisions: (1) RC2-093P-92
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JAN 21 1992