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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-150

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-45-9;

IT IS ORDERED AND RESOLVED: That the following Cummins Engine Company, Inc. 1996 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

Engine Family	<u>Liters</u>	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
TCE855EJDASW (093V)	14	(855)	Powertrain Control module Turbocharger Charge Air Cooler

Engine models and codes are listed on attachments.

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

Total	Carbon	Nitrogen	<u>Particulates</u>	
Hydr <u>ocarbons</u>	<u>Monoxide</u>	Oxides		
1.3	15.5	5.0	0.10	

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

Engine	Total	Carbon	Nitrogen	<u>Particulates</u>
<u>Family</u>	<u>Hydrocarbons</u>	<u>Monoxide</u>	_Oxides	
TCE855EJDASW (093V)	0.4	0.9	4.7	0.06

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 29 day of November 1995. R. B./Summerfield

Assistant Division Chief Mobile Source Division

E.O. # A-21-150

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1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL-STANDARD ENGINES

Engine Model (Eng Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm3 / stroke (lbs/hr)	Fuel Pump & Injector Part No.	ECM/PCM Part No.	Valve Part No.	Catalytic Converter Part No.
N14-370E (1807)	350 @ 1800	190 (115.2)	3083846 3087733 3087560	3084473	N/A	N/A
N14 ESP II N14-350E (1807)	350 @ 1800	190 (115.2)	Same	Same	Same	Same
N14-330E (1807)	330 @ 1800	178 (108.2)	Same	Same	Same	Same
N14 ESP I N14-310E (1807)	310 @ 1800	167 (101.4)	Same	Same	Same	Same
N14-390E (1807)	370 @ 1800	203 (123.1)	Same	Same	Same	Same
N14-350ESP (1987)	350 @ 1800	186 (113)	3083848 3087734 3087558	Same	Same	Same
N14-400E (1807)	370 @ 1800	205 (124.2)	3083846 3087733 3087558	Same	Same	Same
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Date Issued:

Revisions: