State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-120-A

Relating to Certification of New Medium-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 1995 model-year Cummins Engine Company, Inc. engine and exhaust emission control systems are certified as described below for use in medium-duty vehicles with a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds:

Fuel Type: Diesel

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
SCE359D6DABW (403G)	5.9	(359)	Turbocharger Charge Air Cooler Oxidation Catalytic Converter

Engine models and codes are listed on attachments.

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

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	5.0	0.10

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

Engine Family	Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
SCE359D6DABW (403G)	0.3	1.7	5.0	0.07

BE IT FURTHER RESOLVED: That, pursuant to Title 13, California Code of Regulations, Section 1960.1(h)(1)(3), the listed engine models are certified to the exhaust emission standards and test procedures applicable to 1994 model-year heavy-duty diesel-cycle engines (Title 13, California Code of Regulations, Section 1956.8) based on a phase-in compliance plan submitted by the manufacturer.

BE IT FURTHER RESOLVED: That for the listed engine models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model-year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed engine models are not subject to the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed engine models have been exempted from the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, Claifornia Code of Regulations, Section 1968.1(m)(2.0) for the aforementioned model year.

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.).

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 5th day of December, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-21-120-A

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

Manufacturer Cummins Engine Company, Inc. Engine Family (403G) SCE359D6DABW

Displacement: / 5.9 Liters / 359 Cubic Inches

Maximum Rated Power: 148 HP @ 2600 RPM Engine Configuration: I-6

Ignition: Compression X Compression with Glow Plug__ Spark__

Fuel Type(s): Dedicated__ Flex-Fuel__ Dual-Fuel__ Diesel X M100__ M85__

CNG__ LNG__ LPG__ Other (specify)__

Diesel Cert Fuel: 13 CCR 2282__ 40 CFR 86.1313-90__ 40 CFR 86.1313-94 X

Primary Intended Service Class: LHD X MHD X HHD__ Urban Bus__

Exhaust ECS (include.MFI, TC, CAC): OC (TC, CAC)

(use abbreviations per SAE J1930 SEP91)

Engine Model (Eng Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm3 / stroke (lbs/hr)	Fuel Pump & Injector Part No.	ECM/PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter Part No.
B5.9-160 (1959)	148 @ 2600	73 (64)	FP:3921918 IN:3926817	N/A	N/A	3926233

Date Issued:

Revisions: