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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-126

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. 1995 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	Liter <u>s</u>	(Cubic Inches)	Exhaust Emission Control <u>Systems and Special Features</u>
SCE661EJDARW (353A)	10.8	(661)	Powertrain Control Module Turbocharger Charge Air Cooler

Engine models and codes are listed on attachments.

The certification exhaust emission standards and, in accordance with the manufacturer's particulates averaging program, the particulates emission limit for this engine family in grams per brake horsepower-hour are:

			Particulates			
Total Hydrocarbons	Carbon Monoxi <u>de</u>	Nitrogen Oxides	Emission <u>Standard</u>	Averaging <u>Value</u>	Family Limit	
1.3	15.5	5.0	0.10	0.10	0.09	

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

Engine	Total	Carbon	Nitrogen	<u>Particulates</u>
Famil <u>y</u>	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	
SCE661EJDARW (353A)	0.2	1.3	4.2	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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BE IT FURTHER RESOLVED: That these engines are included in a diesel heavy-duty particulates averaging program as permitted in the "California Exhaust Emission Standards for 1985 and Subsequent Model Heavy-Duty Engines and Vehicles, amended July 12, 1991", referenced section 86.091-11(a)(1)(iv)(c).

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 _

day of December, 1994.

R. B. Summerfield Assistant Division Chief Mobile Source Division

SENT BY:Cummins Engine Company:11-14-94 ;10:01AM ; Law Department→ 8185756685;#16

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

		dine Company, / 10.8 L			/ 661	
		370				
Ignition: Com	mpression <u>X</u>	Compres	sion with G	low Plug	SI	ark
Fuel Type(s):	Dedicated	Flex-Fuel	_ Dual-Fuel	Diese	1 <u>х</u> м100_	мө 5
	CNGL	NGLPG	Other (sp	ecify)		
Diesel Cert F	uel: 13 CCR	2282	40 CFR 86.13	13-90	40 CFR 8	6.1313-94 <u>x</u>
		lass: LHD				
Exhaust ECS (include.MFI,	TC, CAC):	PCM (TC, OC))		
			(use abbrevi	ations per		
Engine Model (Eng Code)	Rated HP © RPM	Fuel Rate @ Rated HP mm3 / stroke (lbs/hr)	<u></u>	ECM/PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter Part No.
M11-370E (1856)	370 @ 1800	194 (118)	3084589	3064473	N/A	N/A
M11-350E (1856)	350 @ 1800	183 (111)	3084589	3064473	N/A	N/A
M11-330E (1856)	330 @ 1800	172 (105)	3084589	3084473	N/A	N/A
M11-335E (1856)	335 @ 1800	176 (107)	3084589	3084473	N/A	N/A
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Date Issued:

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Revisions: _____ 1 T 1