## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-21-120-B

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	<u>Liters</u>	(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 as follows:

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

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

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

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 5

day of December, 1994.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

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

Manufacturer Cuny		manu Ina Engi	ne Pamily 403G)	CE359D6DAB	<u>w</u>	
Manufacturer Cum	mins Engine Con	T itans			/ 359	Cubic Inches
Displacem	ent:/ 5.9	Liters	DN	Engi	nc Configurati	on: <u>I-6</u>
Maximum Rated Po		1P @ A	ssion with Glow P	hio		Spark
Ignition: Compress				piesel <u>X</u> N	/100_ N	185
Fuel Type(s): Dedi		ex-Fuel Di	LPG			
		<del></del>	1PG 40 CFR 86.1313-9	v Office (observ	40 CFR 86.1	313-94 X
Diesel Cert Fuel: 1	3 CCR 2282			U	Urb	an Bus
Primary Intended S	Service Class: LI	łD <u>X</u>	MHD <u>X</u>		_ 010	MII 2740
Exhaust ECS (incl	ude.MFI, TC, CA	LC):	OC (TC, CAC) (use abbreviation	s per SAE J1930	0 SEP91)	
			(440 4001	13 por 67 22 2 2 2 2	EGR	PTOX /
	D.(	Fuel Rate  @ Rated HP	Fuel Pump & Injector	ECM/PCM	Valve	Catalytic
Engine Model (Eng Code)	Rated HP @ RPM	mm3 / stroke	Part No.	Part No.	Part No.	Converter Part No.
(Eng Code)		(lbs/hr)				
B5.9-160	148 @ 2600	73 (64)	FP:3921918	N/A	N/A	3926233
(1959)	140 @ 20112	,	IN:3926817			
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