Law Department→

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## State of California AIR RESOURCES BOARD

## **EXECUTIVE ORDER A-21-127**

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: Compressed Natural Gas (CNG only)

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
SCE611FBCAAW (433A)	10.0	611	Charge Air Cooler Turbocharger Oxidation Catalytic Converter

Engine models and codes are listed on attachments.

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

Non-Methane Carbon Hydrocarbons Monoxide		Nitrogen <u>Oxides</u>	<u>Particulates</u>	
1.2	15.5	5.0	0.07	

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

Engine	Non-Methane	Carbon	Nitrogen	<u>Particulates</u>
<u>Family</u>	<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides	
SCE611FBCAAW (433A)	0.2	0.4	1.8	0.02

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 the listed engine family is certified for use in urban buses.

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 21st 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 <u>Cu</u>	mmins Engine Co	mpany, Inc. En	gine Family	433A SCE61	IFBCAAW	
Displace	ment: / 10	Liters				_Cubic Inches
Maximum Rated	Power: 260	HP@ 2100	RPM	En	gine Configura	tion: <u>I-6</u>
Ignition: Compre	ssion_	Compr	ession with Glow			Spark X
Fuel Type(s): Dedicated_ Flex-Fuel_ Dual-Fuel_ Diesel_ M100_ M85_						
		CNGX LN	G_ LPG_	Other (spec	cify)	
Diesel Cert Fuel: 13 CCR 2282 40 CFR 86.1313-90 40 CFR 86.1313-94						
Primary Intended	Service Class: L		MRD_			
Exhaust ECS (inc	lude.MFI, TC, C	AC):				
			(use abbreviatio	ns per SAE J193	00 SEP91)	
Engine Model (Eng Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm3/stroke	Fuel Pump & Injector Part No.	ECM/PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter
		(lbs/hr)				Part No.
L10-260G (1936) (1937) (1938)	260 @ 2100	(98)	<u>Mixer</u> 3090961	3080909	N/A	3077383
L10-240G (1936) (1937) (1938)	240 @ 2100	(90)	3090961	3080909	N/A	3077383
			· —			
Date Issued:						
Revisions:						