State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-127-1

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) and Liquid Natural Gas (LNG)

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

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>	<u>Oxides</u>	
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.).

BE IT FURTHER RESOLVED: That the listed engine family is certified for use in urban buses.

Executive Order A-21-127 dated December 21, 1994, is hereby superseded by Executive Order A-21-127-1.

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 March,

(R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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

Page <u>1</u> of <u>2</u>

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	Da 260	нр ю	2100	Kali rua ine	Colli Igai a		
Displacement:							
Fuel Type(s): Dedicated Flex-Fuel Dual-Fuel Diesel M100 M85							
ANA IDO (14KAM / CDGC1TVI							
Di 1 Cont Eu	.1. 13 CCP 2	282 40	CFR 86.1313-	.90 4	0 CFK 80.1	313-94	
Diesel Cert ru	CNG_xx						
Primary Intend	ncl MFI TC.	CAC): ECM, C	C, TC, CAC		CEN		
EXHAUST ECS (1	HC1. H11, 10,	CAC): <u>ECM, C</u>	use abbreviat	tions per SAE	J1930 2EF:		
		Fuel Rate	Fuel Pump	(P.514	EGR	PTOX / Catalytic	
Engine Model	Rated HP	@_Rated HP	& Injector Part No.	ECM/PCM Part No.	Valve Part No.	· • .	
(Ĕng Code)	@ RPM	mm ³ / stroke (l <u>bs/hr)</u>		14,5 1.5		Part No.	
	262 0 0100		MIXER 3090961	3080909	N/A	3077383	
L10-260G ** (1936)	260 @ 2100	(98)	3030301			1	
(1937)							
(1938)				3080909	N/A	3077383	
L10-240G*	240 @ 2100	(90)	3090961	3080909	177	3077000	
(1936) (1937)							
(1938)			-				
		i					
	1	Tem 7/N 308	827 , IS LI	STED IN APP	LICATION A	ND IT IS	
* NOTE : LNE	1 Component / 54	TEM FIN 000			1		
Calv	MINS CORTIF	ED USING MUL	comprets.				
	1						
Date Issued:							
Revisions:							