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State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-152

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-45-9;

IT IS ORDERED AND RESOLVED: That the following Cummins Engine Company, Inc. 1996 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	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
TCE855EJDARA (093X)	14	(855)	Powertrain Control module Turbocharger Charge Air Cooler

Engine models and codes are listed on attachments.

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

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

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

Engine	Total	Carbon	Nitrogen	<u>Particulates</u>
<u>Family</u>	<u>Hydrocarbons</u>	<u>Monoxide</u>	Oxides	
TCE855EJDARA (093X)	0.4	1.0	4.8	0.09

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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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 $\frac{\partial 7}{\partial y}$ day of November 1995.

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R. B. Summerfield Assistant Division Chief Mobile Source Division

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199<u>6</u> AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL-STANDARD ENGINES

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Manufacturer	Cummins E	ngine Company,	Inc.	Engine Fam	ily (093X) TC	E855EJDARA
		<u>/14</u> Lite			/ B55 (
Maximum Rated	l Power:	475 hp			ine Configur	
Ignition: Co	ompression <u>X</u>	_ Compre	ssion with GI	Low Plug	St	ark
Fuel Type(s):	Dedicated	KFlex-Fuel	Dual-Fuel	Diese	<u> </u>	
	CNG L	NGLPG	 Other (spe	=====		1105
Diesel Cert B	Tuel: 13 CCR	2282	40 CFR 86,13	13-90	40 CFR 8	5 1313-04 V
Primary Inter	ded Service	Class: LHD	MHD			an Bus
		TC, CAC):				
·	· · · · · · · · · · · · · · · · · · ·		(use abbrevi	ations per S	AE J1930 SE	P91)
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.
N14-475E+ (2026)	475 @ 1800	251 (152.4)	3083848 3087558	3090528 3096662	N/A	N/A
N14-410E+ (2026)	410 @ 1800	212 (128.8)	Same	Same	N/A	N/A
N14-410E+ (2026)	427 @ 1800	222 (134.6)	Same	Same	N/A	N/A
N14-370 ESP+ (2026)	370 @ 1800	192 (116.3)	Same	Same	N/A	N/A
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Date Issued:		₽ ¹				
Revisions:	I	ł	1	I		1
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