

Pursuant to the authority vested in the California Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

**IT IS ORDERED AND RESOLVED:** The engines and emission control systems produced by the manufacturer as described below are certified for use in diesel or incomplete medium-duty vehicles (MDV) with a manufacturer's Gross Vehicle Weight Rating (GVWR) from 10,001 to 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

Model Year	Engine Family	Combustion Cycle	Fuel Operation	Fuel Type(s)	Intended GHG Vehicle Type	Intended Vehicle Service Class
2024	RGMXE06.6003	Otto	Dedicated	Gasoline	Vocational	Medium-Duty

Emission Control Systems	Special Features
[1]: Three-way catalysts (TWC), Direct Fuel Injection (DFI), Heated Oxygen Sensors (HO2S)	None

The certified engine models are attached.

The listed engine models comply with the following: 1) emission standard limits (STD) as demonstrated on the Federal Test Procedure (FTP) cycle and 2) Conformity Factors (CF) as demonstrated using the Moving Average Window (MAW) method, as applicable, for exhaust criteria pollutants non-methane hydrocarbons (NMHC), nitrogen oxides (NOx), Formaldehyde (HCHO), carbon monoxide (CO), and particulate matter (PM), and for exhaust greenhouse gas (GHG) pollutants carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), and nitrous oxide (N<sub>2</sub>O), as set forth in 13 CCR 1956.8 and the applicable California test procedures for heavy-duty Otto cycle engines, 2) family emission limits (FEL) and family certification levels (FCL) declared by the manufacturer as allowed by the applicable California test procedures, stated in units of gram per brake horsepower-hour (g/bhp-hr), except as noted, or designated as not applicable (\*).

Applicable Standard		Criteria					GHG		
		NMHC	NOx	CO	PM	HCHO	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Medium-Duty Otto Ultra-Low-Emission Vehicle	STD	0.14	0.050	14.4	0.005	0.01	627	0.10	0.10
	FEL	*	0.080	*	*	*	624	0.10	0.10
	MAW CF	2.0	2.0	2.0	2.0	*	*	*	*

**BE IT FURTHER RESOLVED:** Any declared FEL or FCL is the emission limit to which all engines must comply in lieu of the standard limit for certification purposes, subject to the restrictions of averaging, banking, or trading (ABT) programs allowed by the applicable California test procedures.


**BE IT FURTHER RESOLVED:** For the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1968.2 (on-board diagnostic, full or partial compliance), and 13 CCR 2035 et seq. (emission control warranty).

**BE IT FURTHER RESOLVED:** The listed engine models have been certified to the optional emission standards and test procedures in 13 CCR 1956.8 applicable to diesel or incomplete MDV with 10,001-14,000 pounds GVWR and shall be subject to 13 CCR 2139(c) (in-use testing of engines certified for use in diesel or incomplete MDV with 10,001-14,000 pounds GVWR).

**BE IT FURTHER RESOLVED:** The listed engine models are certified in accordance with 13 CCR Section 1968.2(k) (deficiency and fines provisions for certification of on-board diagnostic II system (OBD II) systems with identified deficiencies) and Health and Safety Code Section 43154.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

Executed on this 14<sup>th</sup> day of August 2023.

  
 Robin U. Lang, Chief  
 Emissions Certification and Compliance Division

**ATTACHMENT: ENGINE MODELS**

Family: RGMXE06.6003 EO Number: A-006-2413 Date Applicable: 8/7/23

Model	Code	Trim	Config	Displacement	Peak Power			Peak Torque			ECS Num	GHG	Notes
					Power	Speed	Fueling	Torque	Speed	Fueling			
					hp	rpm	mm3/stroke	lb-ft	rpm	mm3/stroke			
L8T	70		V8	6.6	350	4500	80.4	425	3800	81.9	1	Vocational	
L8T	75		V8	6.6	350	4500	80.4	425	3800	81.9	1	Vocational	