

	CUMMINS INC.	EXECUTIVE ORDER U-R-002-0788-1 New Off-Road Compression-Ignition Engines
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Pursuant to the authority vested in California Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 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-19-095;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2022	NCEXL06.7AAU	6.7	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Electronic Control Module, Diesel Oxidation Catalyst, Electronic Direct Injection, Periodic Trap Oxidizer, Turbocharger, Selective Catalytic Reduction - Urea, Charge Air Cooler, Ammonia Oxidation Catalyst			Generator Set	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			NMHC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
130 ≤ kW ≤ 560	Tier 4 Final	STD	0.19	0.40	N/A	3.5	0.02	N/A	N/A	N/A
		CERT	0.01	0.30	--	0.02	0.01	--	--	--

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

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

This Executive Order hereby supersedes Executive Order U-R-002-0788 dated January 18, 2022.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed on this 11th day of May 2022.



Allen Lyons, Chief
Emissions Certification and Compliance Division

Attachment: Engine Models

EO #: U-R-002-0788-1

Family: NCEXL06.7AAU

Attachment Last Revised: 4/4/2022

Model	Code	Trim	Config	Displacement	Displacement - Units	Peak Power	Peak Power - Units	Peak Power - Speed (rpm)	Peak Power - Fueling	Peak Power - Fuel Units	Peak Torque	Peak Torque - Units	Peak Torque - Speed (rpm)	Peak Torque - Fuel Units	OBD	GHG	Special	Notes	
QSB6.7	OB1	N/A	16	6.7	Liters	306	horsepower	1500	211.3	mm3/stroke	1073	lb-ft	1500	106.5	lb/hr	N/A	N/A	N/A	N/A
QSB6.7	OB1	N/A	16	6.7	Liters	328	horsepower	1800	184.7	mm3/stroke	957	lb-ft	1800	112.5	lb/hr	N/A	N/A	N/A	N/A
QSB6.7	OB2	N/A	16	6.7	Liters	290	horsepower	1500	190.0	mm3/stroke	1014	lb-ft	1500	90.6	lb/hr	N/A	N/A	N/A	N/A
QSB6.7	OB2	N/A	16	6.7	Liters	318	horsepower	1800	176.0	mm3/stroke	927	lb-ft	1800	106.0	lb/hr	N/A	N/A	N/A	N/A
QSB6.7	OB3	N/A	16	6.7	Liters	215	horsepower	1500	137.0	mm3/stroke	749	lb-ft	1500	69.0	lb/hr	N/A	N/A	N/A	N/A
QSB6.7	OB3	N/A	16	6.7	Liters	245	horsepower	1800	131.0	mm3/stroke	714	lb-ft	1800	80.0	lb/hr	N/A	N/A	N/A	N/A