

ISUZU MOTORS LIMITED

EXECUTIVE ORDER U-R-006-0510-1

New Off-Road Compression-Ignition Engines Page 1 of 1

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	NSZXL15.7QXA	15.681	Diesel	8000				
SPECIAL	FEATURES & EMISSION C	CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION					
Air Coole Recircula	ic Control Module, Turk er, Electronic Direct Inje ation, Diesel Oxidation st Reduction-Urea, Am Catalyst	ction, Exhaust Gas Catalyst, Selective	Excavator, Crane, Load	ler				

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				EXHAUST (g/kw-ł		OPACITY (%)			
	STANDARD CATEGORY		NMHC	NOx	NMHC+NOx	СО	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	0.03	0.32		0.05	0.02			

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 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.

This Executive Order hereby supersedes Executive Order U-R-006-0510 dated January 7, 2022.

Executed on this 27th day of May 2022.

Allen Lyons, Chief

Golma Sahi for

Emissions Certification and Compliance Division

Attachment: Engine Models

EO #: U-R-006-0510-1

Family: NSZXL15.7QXA Attachment Last Revised: 9/9/2021

					Displacement -		Peak Power -	Peak Power -	Peak Power -	Peak Power -		Peak Torque -	Peak Torque -	Peak Torque -	Peak Torque -				
	Code	Trim	Config	Displacement	Units	Peak Power	Units	Speed (rpm)	Fueling	Fuel Units	Peak Torque	Units	Speed (rpm)	Fuel	Fuel Units	OBD	GHG	Special	Notes
AQ- 6WG1X	6WG1X DQAB- 01	N/A	16	15.681	Liters	512.3	horsepower	1800	304.7	mm3/stroke	1623	lb-ft	1450	308.8	mm3/stroke	N/A	N/A	N/A	N/A
AQ- 6WG1X	6WG1X DQAB- 02	N/A	16	15.681	Liters	462.6	horsepower	1800	272.6	mm3/stroke	1460	lb-ft	1500	280.9	mm3/stroke	N/A	N/A	N/A	N/A
AQ- 6WG1X	6WG1X	N/A	16	15.681	Liters	388.9	horsepower	1800	234.2	mm3/stroke	1431	lb-ft	1350	272.6	mm3/stroke	N/A	N/A	N/A	N/A
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