

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	NJDXL06.8312	6.8	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Charge Air Cooler, Oxidation Catalyst, Electronic Direct Injection, Electronic Control Module, Exhaust Gas Recirculation, Turbocharger, Selective Catalyst Reduction-Urea, Ammonia Oxidation Catalyst			Pump, Compressor, Generator Set, Other Steady State Industrial Equipment	

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	0.02	0.06	--	0.01	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 hereby supersedes Executive Order U-R-004-0626 dated January 7, 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 27th day of April 2022.



Allen Lyons, Chief
 Emissions Certification and Compliance Division

Attachment: Engine Models

EO #: U-R-004-0626-1

Family: NJDXL06.8312

Attachment Last Revised: 11/16/2021

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	Peak Torque - Fuel Units	OBD	GHG	Special	Notes
6068	6068HFG05A		I-6	6.8	Liters	192	kilowatt	1800	143.5	mm3/stroke	1019	N-m	1800	143.5	mm3/stroke	N/A	N/A		
6068	6068HFG05B		I-6	6.8	Liters	160	kilowatt	1800	119.4	mm3/stroke	849	N-m	1800	119.4	mm3/stroke	N/A	N/A		
6068	6068HFG05C		I-6	6.8	Liters	165	kilowatt	1500	145.4	mm3/stroke	1050	N-m	1500	145.4	mm3/stroke	N/A	N/A		
6068	6068HFG05D		I-6	6.8	Liters	160	kilowatt	1500	142.3	mm3/stroke	1019	N-m	1500	142.3	mm3/stroke	N/A	N/A		
6068	6068HFG06A		I-6	6.8	Liters	241	kilowatt	1800	180.4	mm3/stroke	1279	N-m	1800	180.4	mm3/stroke	N/A	N/A		
6068	6068HFG06B		I-6	6.8	Liters	216	kilowatt	1800	159.8	mm3/stroke	1146	N-m	1800	159.8	mm3/stroke	N/A	N/A		
6068	6068HFG06C		I-6	6.8	Liters	197	kilowatt	1500	176.6	mm3/stroke	1254	N-m	1500	176.6	mm3/stroke	N/A	N/A		
6068	6068HPRNT7		I-6	6.8	Liters	248	kilowatt	1800	184.6	mm3/stroke	1316	N-m	1800	184.6	mm3/stroke	N/A	N/A		