CALIFORNIA AIR RESOURCES BOARD	DEUTZ AG	EXECUTIVE ORDER U-R-013-0695 New Off-Road Compression-Ignition Engines Page 1 of 1
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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)				
2023	PDZXL06.1049	6.057	Diesel	8000				
SPECIAL	FEATURES & EMISSION O	CONTROL SYSTEMS	TYPICAL EQUIPMENT APPLICATION					
Charge Exhau	non Rail Direct Injection e Air Cooler, Electronic ist Gas Recirculation, C rer, Selective Catalytic	Control Module, Continuous Trap	Tractor					

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			E	XHAUST (g/kw-ł	nr)		OF	PACITY (%	b)
	STANDARD CATEGORY		NMHC	NOx	NMHC+NOx	со	РМ	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	0.16		0.03	0.005			

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.

Executed on this 23rd day of September 2022.

Polin U. Lang

Robin U. Lang, Chief **Emissions Certification and Compliance Division**

Attachment: Engine Models	EO #: U-R-013-0695	Family: PDZXL06.1049	Attachment Last Revised:	9/14/2022

					Displacement -		Peak Power -	Peak Power -	Peak Power -	Peak Power - Fu	el	Peak Torque -	Peak Torque -	Peak Torque -	Peak Torque -				
Model	Code	Trim	Config	Displacement	Units	Peak Power	Units	Speed (rpm)	Fueling	Units	Peak Torque	Units	Speed (rpm)	Fuel	Fuel Units	OBD	GHG	Special	Notes
TCD6.1L6	CFWT174U	N/A	L6	6.057	Liters	233.8	horsepower	2100	87	lb/hr	790.6	lb-ft	1500	81.4	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT162U	N/A	L6	6.057	Liters	218.1	horsepower	2100	78.8	lb/hr	739.0	lb-ft	1500	73.1	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT148U	N/A	L6	6.057	Liters	198.7	horsepower	2100	73.6	lb/hr	671.9	lb-ft	1500	66.5	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT133U	N/A	L6	6.057	Liters	178.3	horsepower	2100	66.4	lb/hr	603.3	lb-ft	1500	59.5	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT159U	N/A	L6	6.057	Liters	213.4	horsepower	2200	79.9	lb/hr	668.2	lb-ft	1500	65.4	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT141U	N/A	L6	6.057	Liters	189.7	horsepower	2200	71.2	lb/hr	615.8	lb-ft	1500	60.2	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT157U	N/A	L6	6.057	Liters	217.9	horsepower	2100	76.5	lb/hr	655.6	lb-ft	1500	63.9	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT144U	N/A	L6	6.057	Liters	193.7	horsepower	2100	70.3	lb/hr	671.9	lb-ft	1500	52.6	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT134U	N/A	L6	6.057	Liters	178.3	horsepower	2100	66.1	lb/hr	603.3	lb-ft	1500	59.2	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT132U	N/A	L6	6.057	Liters	178.3	horsepower	2100	66.4	lb/hr	603.3	lb-ft	1500	59.5	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT147U	N/A	L6	6.057	Liters	198.7	horsepower	2100	73.6	lb/hr	671.9	lb-ft	1500	66.5	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT161U	N/A	L6	6.057	Liters	218.1	horsepower	2100	78.8	lb/hr	739.0	lb-ft	1500	73.1	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT173U	N/A	L6	6.057	Liters	233.8	horsepower	2100	87	lb/hr	790.6	lb-ft	1500	81.4	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT175U	N/A	L6	6.057	Liters	233.3	horsepower	2100	86.7	lb/hr	655.7	lb-ft	1500	63.9	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT165U	N/A	L6	6.057	Liters	221.3	horsepower	2100	80.9	lb/hr	715.4	lb-ft	1500	71.9	lb/hr	N/A	N/A	N/A	N/A
TCD6.1L6	CFWT140U	N/A	L6	6.057	Liters	188.6	horsepower	2100	69.4	lb/hr	605.5	lb-ft	1500	59.4	lb/hr	N/A	N/A	N/A	N/A