Pursuant to the authority vested in the 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-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control system 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	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2004	4DWXL05.8C5A	5.8	Diesel	8000
SPECIAL	FEATURES & EMISSION		TYPICAL EQUIPMENT	APPLICATION
Direct Die:	sel Injection, Turbocharg	er, Charge Air Cooler	Compressor, Generator Set,	Industrial Equipment

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), 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	EMISSION			E	XHAUST (g/kW-ł	ır)		OF	ACITY (%	o)
POWER	STANDARD CATEGORY	ľ	нс	NOx	NMHC+NOx	со	PM	ACCEL	LUG	PEAK
CLASS 37 < kW < 75	Tier 2	STD	N/A	N/A	7.5	5.0	0.40	20	15	50
31 <u><u> </u></u>		CERT			6.1	1.4	0.30	18	_5	46

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-013-0173 dated July 13, 2004

Executed at El Monte, California on this _______ day of June 2005.

J. Louren

Av 2Allen Lyons, Chief Mobile Source Operations Division

	·		Engine Model S	lel Somary Form	Form		-	
Manufactur <i>er.</i> Engine category: EPA Engine Far ri y.	—	sstries & Machit	nery Ltd.	• •			Attechment 1 of 1 11-x-019-0073. E	
Mfr Family Name: Process Code:	DB58115-C New Submission	Mgaeria	4.Fuel Rate: mm/stroke @ peak HP	5.Fuel Rate: (Ibs/hr) @ peak HP (diseals only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	7.Fuel Rate: 8.Fuel Rate: 9.Emission Control mm/stroke@peak (Ibs/hr)@peak torque Device Per SAE J1930 torque	
1.Engine Code	2.Engine Model DB58TIS OEH	3.BHFEN	(for diesel only) 61		304 @ 138	64	29 29	٦
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