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 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)
2008	8YDXL3.32M4N	3.319	Diesel	8000
	FEATURES & EMISSION		TYPICAL EQUIPMENT	
Direct	Diesel Injection, Electron Exhaust Gas Recirc	ic Control Module ulation	Crane, Loader, Tracto Dozer, Pump, Cor	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbons (HC), oxides of nitrogen (NOx), or non-methane hydrocarbons 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		t=	E	XHAUST (g/kW-l	nr)		C	PACITY (%)
POWER CLASS	STANDARD CATEGORY		нс	NOx	NMHC+NOx	со	РМ	ACCEL	LUG	PEAK
37 ≤ kW < 56	Tier 4 Interim	STD	N/A	N/A	4.7	5.0	0.30	20	15	50
		CERT			3.7	2.3	0.27	4	5	6

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 at El Monte, California on this

_ day of December 2007.

Annette Hebert, Chief Mobile Source Operations Division

Engine Model Summary Template

Attackmerut Eo⁴U-R-028-0404

				4 Final Rate.	5 Fuel Rate.		7 Fuel Rate		Labo - 870 - X-0
3.BHP@RPM (SAE Gross) 3.BHP@RPM (SAE Gross)		3.BHP@RPM (SAE Gross)		mm/stroke @ peak HP (lbs/hr) @ peak HP (for diesel only) (for diesels only)	(lbs/hr) @ peak HP (for diesels only)	6.Tarque @ RPM (SEA Grass)	mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torqu	8.Fuel Rate: 9.Emission Control (lbs/hr)@peak torqueDevice Per SAE J1930
N/A 4TNV98-ZDM1 71.1/2500		71.1/250	0	49.4	27.2	179.2/1600	56.5	19.9	Emegr di E
N/A 3TNNA 70.9/2500		70.9/250(0	48.8	26.9	176.1/1600	53.2	18.8	EM EGR DI
N/A 3TNPA 68.7/2400	An AN A'S "YORKIGA ATTAC & MANAGEMENT	68.7/2400	_	47.9	25.3	177.0/1550	53.4	18.2	EM EGR DI
N/A 3TNQA 66.1/2300		66.1/2300		47.1	23.9	177.6/1500	53.5	17.7	EM EGR DI
N/A 3TNSA 63.6/2200		63.6/2200		48.6	23.5	178.6/1400	55.1	17.0	EM EGR DI
N/A 3TNVA 61.1/2100		61.1/2100		47.9	22.2	178.7/1350	55.1	16.4	EM EGR DI
N/A 3TNWA 58.4/2000		58.4/2000	1	48.2	21.2	178.7/1300	55.1	15.8	EM EGR DI
N/A 3TNNC 60.0/2500		60.0/2500	_	40.8	22.5	148.2/1600	45.3	16.0	EM EGR DI
N/A 3TNPC 58.0/2400	-	58.0/2400		40.5	21.4	149.4/1550	45.1	15.4	EM EGR DI
N/A 3TNQC 55.4/2300		55.4/2300	- 1	40.0	20.3	148.8/1500	45.0	14.9	EM EGR DI
N/A 3TNSC 53.3/2200		53.3/2200	-	39.7	19.3	149.7/1400	45.3	14.0	EM EGR DI
N/A 3TNVC 51.3/2100		51.3/210(0	40.3	18.7	151.0/1350	45.3	13.5	EM EGR DI 🤸