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 engine 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 YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2006	6NVXL0570AEA	9.3	Diesel	8000
	FEATURES & EMISSION		TYPICAL EQUIPMENT A	
Oxio	sel Injection, Turbocharge lation Catalytic Converte circulation and Engine C	r, Exhaust Gas	Tractor	

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	EXHAUST (g/kw-l	ır)		O	ACITY (%	b)
POWER CLASS	STANDARD CATEGORY		HC	NOx	NMHC+NOx	со	РМ	ACCEL	LUG	PEAK
130 <u><</u> KW< 225	Tier 3	STD	N/A	N/A	4.0	3.5	0.20	20	15	50
		CERT			2.8	0.3	0.07	5	5	8

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 2005.

J. Fourence

Wallen Lyons, Chief Mobile Source Operations Division

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Engine Model Summary Template

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7.Fuel Rate: mm/stroke@peak 8.Fuel Rate: 9.Em 4.Fuel Rate: 5.Fuel Rate: 3.BHP@RPM mm/stroke @ neak HP (Ibs/hr) @ peak HP ,

3.BHP@RPM mm/stroke @ peak H Engine Family 1.Engine Code 2.Engine Model (SAE Gross) (for diesel only)	1.Engine Code	2.Engine Model	3.BHP@RPM mrr (SAE Gross)	<pre>/stroke @ peak HP (for diesel only)</pre>	lbs/hr) @ peak HP 6.Tor (for diesels only) 6.Tor (Sf	3.BHP@RPM mm/stroke @ peak HP (Ibs/hr) @ peak HP 6.Torque @ RPM mm/stroke@peak (SAE Gross) (for diesel only) (for diesels only) (SEA Gross) torque (Ibs/	<pre>@peak 8.Fuel Rate:</pre>	8.Fuel Rate: 9.Emission Control (Ibs/hr)@peak torque Device Per SAE J1930
6NVXL0570AEA			Advertised	d Average	Average	Advertised	Average	Average
6NVXL0570AEA	ID300	ID300	300 @ 2000	00 162.5	109.0	950 @ 1200	179.4	72.2 DEFUTC, CAC, EGR,