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	6CEXL045.AAA	45.0	Diesel	8000			
	FEATURES & EMISSION (TYPICAL EQUIPMENT APPL	TYPICAL EQUIPMENT APPLICATION			
Direct Dies	sel Injection, Turbocharge Engine Control Mo	er, Charge Air Cooler, dule	Mine Truck				

The engine models and codes are attached.

The following are the exhaust certification standards (STD), or family emission limit(s) (FEL) as applicable, 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	nr)		O	ACITY (%	(-)
POWER CLASS	STANDARD CATEGORY		HC	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
kW > 560			N/A	N/A	6.4	3.5	0.20	20	15	50
		FEL	N/A	N/A	9.6	N/A	N/A	N/A	N/A	N/A
		CERT			9.0	1.7	0.18	15	4	28

BE IT FURTHER RESOLVED: That the family emission limit(s) (FEL) is an emission level declared by the manufacturer for use in any averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2423 and 2427.

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 _____ 5 day of January 2006.

Allen Lyons, Chief

Mobile Source Operations Division

Engine Model Summary Form ATTALIMENT PS (OF)

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U-R-002-0331

Manufacturer: Cummins Inc.

Engine category: Nonroad Cl

EPA Engine Family: 6CEXL045.AAA

Mfr Family Name: A593

Process Code: New Submission

1 Engine Code	2 Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
7269 FR6989	08K215-G	1500@1900	402	515	5042@1300	464	407	DDI,ECM,TC,CAC
2469 FR6307	OSK45-C	1350@1800	377	458	4525@1300	419	367	DDI,ECM,TC,C /
2469FR6388	OSK25.C	1200@1900	327	5 1 3	4424@1300	403	323	- DDI EGM,TG,G
2823:FR6262	QSK45-C	2000@1900	535	989	5805@1500	530	536	DDI,ECM,TC,C
2824FR6291	08K45-C	1500@1800	419	509	4727@1500	442	44	DDIEGM,TC,C
2823:FR6305	QSK45-C	1600@1900	444	539	5042@1500	469	474	DDI,ECM,TC,C
2823 FR6408	OSK45-C	2250@1900	602	772	6299@1500	579	289	DDI ECNITOC
2823;FR6435	QSK45-C	1675@1800	466	566.2	5375@1500	502	508.1	DDI,ECM,TC,C
2853 FR6289	QSK45-G	1600@1900	402	5/5	5042@1300	464	407	DDIJE6M TC. C
2853;FR6307	QSK45-C	1350@1800	377	458	4525@1300	419	367	DDI,ECM,TC,C
2853-FR6388	OSK45-0	1200@1900	327	419	4424@1300	403	353	DDI)EGN/TC,C
2854:FR6262	QSK45-C	2000@1900	535	989	5805@1500	530	536	DDI,ECM,TC,C
2854:FR6291	QSK45-C	1500@1800	4/9	609	4727@1500	442	447	DDI ECM,TC,C
2854:FR6305	QSK45-C	1600@1800	444	539	5042@1500	469	474	DDI,ECM,TC,C
2854 FR6408	@SK45-C	2250@1900	602	772	6299@1500	629	989	DDI ECM, TC, C
2854;FR6435	QSK45-C	1675@1800	466	566.2	5375@1500	502	508.1	DDI,ECM,TC,C
2853:FR6459	QSK45-C	1287@1800	7/2	454	5805@1500	530	536	DDIECM,TC,C V