EXECUTIVE ORDER U-R-044-0034 New Off-Road Compression-Ignition Engines

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	6DCLL02.2D7T	2.2	Diesel	8000					
	EATURES & EMISSION (TYPICAL EQUIPMENT APPLICATION						
Indi	rect Diesel Injection, T	urbocharger	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 POWER CLASS	EMISSION STANDARD CATEGORY			E	XHAUST (g/kw-l		OPACITY (%)			
			нс	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
37 ≤ KW < 75	Tier 2	STD N/A		N/A	7.5	5.0	0.40	20	15	50
		CERT		-	6.0	1.5	0.22	15	7	15

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 February 2006.

Allen Lyons, Chief

Mobile Source Operations Division

Engine Model St

Daedong Industrial Co. Ltd. Manufacturer:

ATT ACHMENT 1 OF 1

Nonroad Cl Engine category:

EPA Engine Family. 6DCLL02.2D7T

Mfr Family Name: NA

4500-440-v-n

New Submission Process Code:

ol 930	4	·				1												
8.Fuel Rate: 9.Emission Control (lbs/hr)@peak torque Device Per SAE J1930	IDITION	IOI, TCNA		addyreparative principal framework framework the more digital and and the second distribution of the second	ensaler med den med determinen seller se	e personale de la seguire des la citat de la calenda d	es de l'emphal gréco es per l'est es dés e l'emphal es emps de recomp s'este est es s'este es de							en de constitute de la constitutação de la constitutação de la constitutação de la constitutação de la constitu	er en	ti di personale e e digi se e e digi se e e di se e e e e e e e e e e e e e e e e e e		
8.Fuel Rate: (lbs/hr)@peak ton	17.54	17.54		***************************************			manual (principal del principal prin					de marchine de marches de la company de la c	114				a I was his mad decreased record and discount	
mm/stroke@peak torque	44.1	44.1						***************************************			ANAMORINA DI SINCE E ESTE E CHIMENDO E CONTROL E C						nn dermind serve innovationes benedet en ente internation	
6.Torque @ RPM (SEA Gross)	130.7@1800	130.7@1800				10.0. (\$1.0.0.) 10.0.0. 10.0.0. 10.0.					The filling of the court product was drawn with	man per casa casa casa e casa casa casa casa ca						
(lbs/hr) @ peak HP (for diesels only)	22.14	22.14		erine järenine toomaajatunnaa tunnajajappinen promisijäpinen								THE RESIDENCE CONTRACT PROPERTY OF THE PARTY		THE CONTRACT OF THE CONTRACT O			The state of the s	
mm/stroke @ peak HP (for diesel only)	38.55	38.55	ARROLD VILLE AND THE THEORY I STRAIGHT AND THE THEORY I STRAIGHT THE THEORY I STRAIGHT THE THEORY I STRAIGHT T		e ment carried section of the contract of the	energienen ender vom Serven, spiran enderen medernen betrette in der vergleite in der den men gelein in der de				Monte de la companya	and the same of th		A COLUMN TO THE PROPERTY OF TH	- In all lines mines in disease . Date - lease mines - lease		nd die oven 'n been digt is ondere maket waardig bewengt termen in termen der		
3.BHP@RPM (SAE Gross)	54.2@2600	54.2@2600	difference and if the mandate promoted in the mandate	THE REAL PROPERTY OF THE PROPE		AND A COMPANY OF THE PARTY OF T				Name of the second variable of the second		d James I - Incomedy, Company of China (Marie State St. Commedition						
2.Engine Model	4A220T	4A220T	The manufacture of the major of	ental manufactura de primerio en la companya de la companya del la companya de la	:	en de l'emperate l'en de l'en en l'en en e			THE STATE OF THE S	The state of the s	Commentations about the formula from the formula interest in the		The same of the sa					
1.Engine Code	1	4A220TLXB			i						CONSTITUTE OF THE PERSON OF TH							