

DAEDONG INDUSTRIAL CO., LTD.

EXECUTIVE ORDER U-R-044-0029 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	6DCLL01.4D14	1.395	Diesel	5000						
	FEATURES & EMISSION		TYPICAL EQUIPMENT APPLICATION							
	Indirect Diesel Inje	ection	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	OPACITY (%)					
POWER CLASS	STANDARD CATEGORY		нс	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
19 ≤ KW < 37	Tier 2	STD	N/A	N/A	7.5	5.5	0.60	20	15	50
		CERT			6.3	2.0	0.48	8	4	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 February 2006.

Allen Lyons, Chief

Mobile Source Operations Division

Engine Model Summary Form ATTACHMENT 1 OF 1

Manufacturer: Daedong Industrial Co. Ltd.

Engine category: Nonroad Cl

EPA Engine Family: 6DCLL01.4D14

Mfr Family Name: NA

Process Code: New Submission

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8.Fuel Rate: 9.Emission Control (bs/hr)@peak torque Device Per SAE J1930	FOT NA	N	4	NA (The state of the s							The state of the s		THE REAL PROPERTY OF THE PROPE	The first of the f	And the state of t		
8.Fuel Rate: (lbs/hr)@peak torqu	8.34	8.65	8.34	8.65											TO THE OWNER OF THE PARTY OF TH	en energia de la fatigación com contraganço en el pagidos de energias des energias de energias en energias en	THE REPORT AND ADDRESS OF THE PROPERTY ADDRESS OF THE		
7.Fuel Rate: mm/stroke@peak torque	29.6	30.7	29.6	30.7					a sesser (1 (100 (10))) . Add ((1) assesser a sesser per appropriate ((10) (10) Advisor best							AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	AND THE PROPERTY OF THE PARTY O		
6.Torque @ RPM (SEA Gross)	61.5@1700	65.3@1700	61.5@1700	65.3@1700		ad a common company appropriate a common company appropriate and a common company appropriate and a common common common appropriate and a common com		***************************************									over the construction of the state of the st		
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	11.9	11.97	11.9	11.97			10 H H H H H H H H H H H H H H H H H H H											4 to 10 to 1	
4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	26.6	27.8	26.6	27.8			***************************************	***************************************			 **************************************								
3.BHP@RPM (SAE Gross)	28@2700	28.2@2600	28@2700	28.2@2600	***	properties and commencer to the first broken commencer was					Medical consists of the second state of the se						-		
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1.Engine Code	TD1400B-1	TD1400E	TD1400LXF	TD1400LXE	THE RESERVE THE PROPERTY OF TH	and an annual state of the Hall and the state of the stat								The second secon					