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)			
2003	3ICLL1.12B3G	1.124	Diesel	3000			
SPECIAL	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 POWER	EMISSION STANDARD	W		i	EXHAUST (g/kw-ł	OPACITY (%)				
CLASS	CATEGORY		нс	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
8 <u><</u> KW<19	Tier 1	STD	N/A	N/A	9.5	6.6	0.80	20	15	50
		CERT			5.6	1.4	0.37	10	5	12

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 January 2003

Allen Lyons, Chief

Mobile Source Operations Division

ATTACHMENT 1 OF 1

Engine Model St. mary Form

ISEKI MATSUYAMA MFG. CO., LTD. Manufacturer:

Engine category: Nonroad CI

EPA Engine Family: 3ICLL1.12B3G

Mfr Family Name: NONE

U-R-038-0011

New Sub - continued Process Code:

	4	*:			<u> </u>	- 1					* : 4 : 4)
8.Fuel Rate: 9.Emission Control (lbs/hr)@peak torque Device Per SAE J1930													
n Con SAE J	프	_								127.7		2	
issio Per (<u>"</u>	뜨			3								
9.En Jevice													
ont on													
tate: ak torc	50.4	50.4		The same of the sa					a bed and bed and				
-uel F	8.4@50.4	8.4@50.4		***************************************									-
8.6 bs/hr)	8	ထ											
													to the state of
7.Fuel Rate: mm/stroke@peak torque	25.0@50.4	25.0@50.4										14	
uel R troke torqu	5.0@	5.0@											
7.F mm/s	25	25											
6.Torque @ RPM (SEA Gross)	000	000		Internation									
ue @ A Gro	50.4@2000	50.4@2000											
.Torq (SE,	50.	50.											
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	3.3	3.3											
el Rat @ pea	10.6@23.3	10.5@23.3											
5.Fu s/hr) (or die	10.6	10.5											
g) 3													
.; ≥3 ¥ ∄	က	က		*									
l Rate @ pe sel or	@23	@23									-		-
4.Fue troke or die	22.6@23.3	22.6@23.3											
4.Fuel Rate: mm/stroke @ peak HP (for diesel only)				# 									
	0	0		-									
3.BHP@RPM (SAE Gross)	23.3@2800	23.3@2800											
BHP(3.3@	3.3@											
ر _ع	2	2											
<u> </u>	and and and												
2.Engine Model	12	2G											
igine	E3112	E3112G		-									
2.Er													
						, and a second				Name de Caración d			A PART OF THE PART
1.Engine Code													
gine	N/A	A/N		Annual Manager									
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