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 engines and emission control systems 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)
2009	9HZXL.997V40	0.997	Diesel	3000
SPECIAL I	FEATURES & EMISSION	CONTROL SYSTEMS		APPLICATION
	Direct Diesel Inje	ction	Pump, Generator Set, Other I	ndustrial Equipment

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-ł	nr)		OF	PACITY (%	.)
POWER CLASS	STANDARD CATEGORY		HC	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
8 ≤ kW < 19	Tier 4	STD	N/A	N/A	7.5	6.6	0.40	20	15	50
		CERT			7.1	3,4	0.23	15	10	28

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 2008.

Annette Hebert, Chief

Kloturenfabik Hatz Nonroad CI

U-R-034-0202.

NODE CON	4		Ĕ	Engine Model Summary Template	I I INITIAL	בוויהנמרב			
						A	Attachment	et PI	1 of 2
Brove Family	1.Engine Code	2.Engins Model	(1901) The second s	L.F.M.F.R.F. Minktrole @ peak HP (Dr disceloue)	SJ m Flach: (bailt) @ peak H? (buidt set kinit)	6.Tonjie @ n.º II (SEA.Grast)	2,7 wi.futh: windthing (para toput	B.F. tel Kate: (beli 0,600ean torque	BJFeil Rate: 9.15m testori Control (test foggetat torque: Device Fer SAEJ ISCO
011201-0072010	N/A	29-40 / 26-40Hpw 21,7 @3000	21,783000	26	4,3	1.2	29	3,2	TQQ
05/120710240	нла	2640/2640H	21,4@2050	99	4,3	42.9@2000	28.5	3.2	
0b0120-71675	N/A	2540/2640H	21,2@2000	59 29	4,2	42,9@2000	28,5	32	
2HCUL 397 V40	N/A	264972640H	20.9@2860	26	4,1	42.6@2000	28	3.1	
OBVILLE TALLHO	MA	264072640H	20,0@2800	28	4,4	42.6@2000	28	3.1	
0H271 007140	NIA	264072640H	20,4@2750	8	4,0	42,2@2000	27.5	3.1	
047769.07740	NfA	2640 r2940H	20.1@2700	8	3,0	42,2@2000	27.5	G.1	
0HV10E Th014	NIA	264072640H	19.8@2650	R	3,8	41,4@2000	27	30	_
CENTRON DE LINER	N/A	264072640H	19,0@2900	50	3,8	41.482000	27	3,0	_
0000/08/152Ht	NUA.	2640/2/540H	20.8@0000	26	4,2	42,6@2000	28	3.1	_
01/2/17/2020/09/0	MIA	2640/2640H	20.5 22050	26	4,1	42,2@2000	27.5	3.1	_
Deviate Votana	NIA	H0002/0002	20.2@2000	8	4,0	42,2 622000	27.5	3.1	
Devision 1 - 12Hd	NIA	264072640H	20.0@2860	52	40	41,4@2000	12	3,0	
04/206 7/2040	NUA	2640/2640H	19.7 @2800	32	3.0	41,4@2000	27	3,0	-
0H0/200 TK2H	N/A	2040/2640H	10.4@2750	92	3,8	41.1@2000	20.5	3,0	
HTT-1 5471-40	A'II	2040/2040H	19.2@2700	8	3,8	41,1@2000	26,5	3,0	
CPN/06/11/214	NUA	2040/2640H	18.9@2060	25	3.7	40.7 62000	58	2,6	
BEAL 0971/40	MIA	264072640H	18.0 (32500	92	3,6	40.7 @2000	20	2,9	
10101-0622/040	149	264072040H	19.7 @3000	24	4.0	41,1@2000	20.5	3.0	_
085V 36-1 114	NIN	264072640H	19.5@2950	24	3,8	41,1@2000	26,5	3,0	_
1942.70 A9776-0	AUA	204072640H	19.3 @2900	24	9.6	40,7 @2000	20	2.9	
HEDD 9377040	R/A	2.040 / 2.040H	19.0 (22350	24	3,8	40.7@2000	8	2.9	
00070000000	NIA	264072/040H	18.9 522500	24	3.7	40.7@2000	8	2.0	_
051126710786	ĕ/N	264072640H	18,8(002750	24	3.7	40.0@2000	25,5	2.8	
2H213L 2027/10	NVA	2/4012640H	18.5 (22700	24	3,6	40.0@2000	25,5	2.8	-
0102051102147	N/N	2040/2040H	18,2 (32,950	24	3.6	39,2(\$2000	56	2.8	
04221 002020	110		the second second						

U-R-034-0202

Klotorenfabrik Hatz Nonroad CI

Engine Model Symmary Template Attachinizat P. 2 64 2

.Engine C	Urgine haraly 1.Engine Code 2.Engine Model	SAEGINES	and trais (C prair HP (C) (Case los l)	(be A) & peak HP (De diese k out)	6.Tongie @ R#M (DEA Gross)	nns trängige av Ling re	(beh)@peak baque Desice Per SAEJ 1980	IN PLICATE 150
NIA	20407/2040H	17.7@2550	24	3,4	39,2 @2000	32	2,8	TOO
NUA	2040/2040H	17,4@2500	24	3,3	38.5 @2000	24,5	2.7	-
NA	204012040H	17,0@2460	24	3,3	38,5@2000	24.5	2,7	-
AUA	2040/2340H	15,8(3)2400	24	3,2	38,5@2000	24.5	2.7	_
MA	2640 / 2640H	16.6@2360	24	3,1	37,7@2000	24	2.7	
NIN	204012040H	16.1@2300	24	3,1	37.7@2000	24	2.7	
N/A	2640 / 2640H	15.7@2250	¥	3,0	37,0@2000	24	2.7	-
MAN	264012040H	15,4@2200	24	2,9	37,0@2000	24	2.7	-
M/A	2 640 / 2 640H	15.1@2150	24	2,9	37,062000	24	2.7	-
NVA	2640/2040H	14,7@2100	24	2,8	37,062000	24	2.7	-
A/A	2640/2640H	14,4@2050	. 24	2.7	37.0@2000	24	2.7	
<i>М</i> .М	264072640H	14,162000	24	2.7	37.0 32000	24	2,7	-
A'A	2640/2640H	18,4@3000	22	3,7	37.7 @2000	24	2,7	
NU/A	2640/2640H	18,2(30950	22	3.0	37.7 (\$2000	24	2,7	
AUA N	2640/2640H	18,1@2000	53	9.6	37.7 @2000	54	2.7	
N/A	2640/2640H	17.0@2850	23	3.5	37.7 @2000	24	2.7	_
M/A	2040/2040H	17.7(2/2800	22	3,4	37.7 @2000	24	2,7	
₩.¥	2040/2040H	17.8@2750	22	3,4	37,0@2000	23.6	2,6	-
NVA	2 040 / 2 940H	17.3(22700	22	3,3	37,0@2000	23,5	2,6	-
NIA	20401/2040H	17.1@2050	z	32	36.3@2000	33	2,5	-
N5A.	2640/2640H	16,0@2600	ព	3,2	39,3@2000	53	2,5	-
MIA	2640/2640H	18,7 @2550	22	3,1	35.5@2000	22.5	2.6	
NIA	NG401 (2040H	18 KIROKUU	£		25.5.00000	3.00	2.6	