



LIST OF USERS HAMADA BIOMASS FIRED BOILER - 1 (INDONESIA)

NO	COMPANIES NAME	PRODUCT	MODEL	FUEL	CAPACITY	UNIT	year
81	PT. ALBA PARAHYANGAN Bandung	Kiln Dry	Fixed Grate	Wood	3 Ton/hr.	1	1989
			RC 3000		10 Kg/cm ²		
82	PT. ARGO DAYA SEJATI Palembang	Kiln Dry	Fixed Grate	Wood	5 Ton/hr.	1	1990
			RC 5000		10 Kg/cm ²		
83	PT. BIO NUSANTARA TEKNOLOGI Bengkulu	Palm Oil Mill	Dumping Grate	Palm Waste	20 Ton/hr.	1	1990
			SHL 20 DG		25 Kg/cm ²		
84	BPPT, BANDUNG RESEARCH INSTITUTE OF ENERGY	Ministry of Energy	Cyclonic Furnace	Biomass	1.5 Ton/hr.	1	1992
			LSG-1500		10 Kg/cm ²		
85	PT. EXCELSIOR FURNITURE Jakarta	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1991
			LSG 1500		10 Kg/cm ²		
86	PT. FAJAR SUBUR Bandung	Chopstick	Fixed Grate	Wood	2.5 Ton/hr.	1	1991
			RC 2500		10 Kg/cm ²		
87	PT. HUTAN KINTAP Banjarmasin	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1992
			LSG 1500		10 Kg/cm ²		
88	PT. IDEC ABADI Tarakan	Plywood	Fixed Grate	Wood	10 Ton/hr.	1	1992
			D 10:16		16 Kg/cm ²		
89	PT. INDACI Purwakarta	Textile	Waste Heat Recovery Heat Pipe Boiler		1.5 Ton 10 Kg/cm ²	2	1993
90	PT. INDOCOCO LTD. Jakarta	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1992
			HRV 1500		10 Kg/cm ²		
91	PT. INDOwana CITRA PERSADA Tangerang	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1994
			HRV 1500		10 Kg/cm ²		
92	PT. INDOTROPIC PERDANA Serang	Woos	Fixed Grate	Wood	1.5 Ton/ht	1	1994
			LGW 1500		10 Kg/cm ²		
93	PT. SUMIRUBBER (DUNLOP) INDONESIA Cikampek		Heat Pipe CRG2000	waste gas Heat recovery	2 Ton/hr.	1	1995
94	PT. KAYAN PATRIA PRATAMA Surabaya	Kiln Dry	Fixed Grate	Wood	4 Ton/hr.	1	1995
			RC 4000		10 Kg/cm ²		
95	PT. KAYU LAPIS ASLI MURNI Banjarmasin	Kiln Dry	Fixed Grate	Sawdust	6 Ton/hr.	1	1995
			D 6:16		10 Kg/cm ²		
96	PT. KAYU LAPIS INDONESIA Semarang	Plywood	Fixed Grate	Wood	10 Ton/hr.	1	1994
			D 10:17		16 Kg/cm ²		
97	PT. KUTAI TIMBER Probolinggo	Wood	Fixed Grate	Wood	150000 kcal Thermal Oil	1	1995
			D 10:17				
98	PT. LANCAR BUANA Jakarta	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1996
			LSG 1500		10 Kg/cm ²		
99	PT. LONTAR PYPYRUS IND. Medan	Papermill	Inclined Grate	Wood	6 Ton/hr.	1	1993
			LGW 6000		10 Kg/cm ²		
100	PT. MAJU KARYA KITA Pontianak	Kiln Dry	Inclined Grate	Wood	2 Ton/hr.	1	1994
			RC 2000		10 Kg/cm ²		
101	PT. MERATUS KAL. TIMBER Samarinda	Wood Ind.	Fixed Grate	Wood Chip	Kiln Dry	1	1995
			RC 5000		10 Kg/cm ²		
102	PT. METROPOLITAN TEXTILE Tangerang	Textile	Inclined Grate	Wood	8 Ton/hr.	1	1995
			WF 8000		10 Kg/cm ²		
103	PT. MINTAWI Pontianak	Oil Mill	Fixed Grate	Wood	5 Ton/hr.	1	1995
			RC5000		10 Kg/cm ²		
104	PT. MIRA RANTIH Lampung	D. Coconut	Fixed Grate	Cocoshell	1.5 Ton/hr.	1	1996
			LSG 1500		10 Kg/cm ²		
105	PT. MULIA JAYA Pontianak	Oil Refinery	Fixed Grate	Wood	5 Ton/hr.	1	1996
			LGW 5000		10 Kg/cm ²		
106	PT. MULTI CONSERVINDO Surabaya	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1995
			LSG 1501		10 Kg/cm ²		
107	PT. MUTIARA TIMBUL SAKTI Pontianak	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1996
			LSG 1501		10 Kg/cm ²		
108	PT. INDOSEPAMAS ADIDAS Cibinong	Shoe Manuf.	Fixed Grate	Rubber	4 Ton/hr.	1	1997
			RC 4000		10 Kg/cm ²		
109	PT. PADANG SARI KELAPAINDO Padang	D.Coconut	Fixed Grate	Wood	6 Ton/hr.	1	1997
			D 6:16		10 Kg/cm ²		
110	PT. PAMOLITE ADHESIVE Surabaya	Chemical	Fixed Grate	Oil/Gas waste gas	10 Ton/hr.	1	1996
			KSZS 10:13		10 Kg/cm ²		
111	PT. PAPAPINDO Palembang	Pencil Slats	Fixed Grate	Woodchip	5 Ton/hr.	1	1995
			RC 5000		10 Kg/cm ²		
112	PT. PERSERO INHUTANI Banjarmasin	Kiln Dry	LSG 1500	Wood	1.5 Ton/hr.	1	1995
					10 Kg/cm ²		



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113	PT. POLWOOD FOREST IND. U. Pandang	Kiln Dry	Fixed Grate	Wood	5 Ton/hr.	1	1996
			RC5000		10 Kg/cm ²		
114	PT. PONTI ABADI Pontianak	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1996
			LSG1500		10 Kg/cm ²		
115	PT. PULAU SAMBU Riau	Oil Mill	Fixed Grate	Wood	5 Ton/hr.	2	1994
			RC5000		10 Kg/cm ²		
116	PT. RIMBA RAMIN Pontianak	Plywood	Fixed Grate	Wood	8 Ton/hr.	2	1993
			LGW8000		10 Kg/cm ²		
117	PT. GUNUNG JAYA AGUNG Tangerang	Papermill	Fixed Grate	Coal	10 ton/H	2	1994
			D-10-16		16 Kg/cm ²		
118	PT. SARI HIJAU MUTIARA Tagerang	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1996
			HRV1500		10 Kg/cm ²		
119	PT. SATRIA BANGUN SEJATI Banjarmasin	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1995
			HRV1500		10 Kg/cm ²		
120	PT. SERBAGUNA PRIMA Surabaya	Wood Ind.	Fixed Grate	Wood	4 Ton/hr.	2	1994
			RC4000		10 Kg/cm ²		
121	PT. SERBAGUNA PRIMA Semarang	Plastic	Fixed Grate	Plastic waste	200 kg	1	1994
			LGW2000		waste		
122	PT. SINAR ALAM PERMAI Palembang	Oil Mill	Fixed Grate	Wood	6 Ton/hr.	1	1993
			D-6-16		10 Kg/cm ²		
123	PT. SONG JAYA Jakarta	Kiln Dry	Fixed Grate	Wood	5 Ton/hr.	1	1993
			RC5000		10 Kg/cm ²		
124	PT. SUKOWATI JawaTengah	Textile, Fin.	Fixed Grate	Wood	2.5 Ton/hr.	1	1994
			RC2500		10 Kg/cm ²		
125	PT. SULAWESI RAHAJA Tangerang	Rattan	Fixed Grate	Wood	1 Ton/hr.	1	1999
			HRV2500		10 Kg/cm ²		
126	PT. SUMBER KAYU PERSADA Jakarta	Kiln Dry	Fixed Grate	Wood	5 Ton/hr.	1	1995
			RC2500		10 Kg/cm ²		
127	PT. SUPARMA PAPER Surabaya	Papermill	Fixed Grate	Wood	10 Ton/hr.	1	1997
			D-10-16		16 Kg/cm ²		
128	PT. SURA INDAH WOOD IND. Surabaya	Kiln Dry	Fixed Grate	Wood	10 Ton/hr.	1	1996
			D-10-16		16 Kg/cm ²		
129	PT. SUWARAN JAYA Tarakan	Kiln Dry	Fixed Grate	Wood	6 Ton/hr.	1	1996
			LGW6000		16 Kg/cm ²		
130	PT. TELAGA ALAM JAYA Jakarta	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1996
			LSG1500		10 Kg/cm ²		
131	PT. TIMBUL PERKASA Surabaya	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1997
			HRV1500		10 Kg/cm ²		
132	PT. TIMUR SELATAN Surabaya	Kiln Dry	Fixed Grate	Wood	4 Ton/hr.	1	1998
			RC4000		10 Kg/cm ²		
133	PT. TJIWI KIMIA Surabaya	Papermill	Fixed Grate	Wood	6 Ton/hr.	1	1999
			RC6000		10 Kg/cm ²		
134	PT. WENANG SAKTI (YAMAHA) Surabaya	Kiln Dry	Fixed Grate	Wood	1.5 Ton/hr.	1	1998
			LSG1500		10 Kg/cm ²		
135	PT. WIDJAYA TRI UTAMA U. Pandang	Plywood	Fixed Grate	Wood	10 Ton/hr.	1	1997
			D-10-16		16 Kg/cm ²		
136	CV. WILLIS Pontianak	Oil Mill	Fixed Grate	Wood	6 Ton/hr.	1	1998
			D-6-16		16 Kg/cm ²		
137	PT. SASA INTI Probolinggo	MSE	Multi Nozzle	Carbon Waste	500 Kg/h	1	1999
			LSG500				
138	PT. MARUFUJI KENZAI INDONESIA Mojokerto	Wood Ind.	Multi Nozzle	Sawdust Wood	500 Kg/h	1	2001
			LSG500				
139	PT. INDONESIA MATSUYA Pasuruan	Wood Ind.	Multi Nozzle	Sawdust Wood	500 Kg/h	1	2000
			LSG500				
140	PT. DAIKEN INDONESIA Pasuruan	Wood Ind.	Multi Nozzle	Sawdust Wood	500 Kg/h	1	1998
			LSG500				
141	PT. TOYOTAKA INDONESIA Tangerang	Wood Ind.	Multi Nozzle	Sawdust Wood	500 Kg/h	1	1999
			LSG500				
142	PT. MIRA RANTIH Lampung	COCOA	FIXED GRATE	Cocoa wasgte	2 Ton/Hr	1	2000
			LSG2000		10 Kg/cm ²		
143	PT. MASARI DWISEPAKAT FIBER Cikampek	Wood Ind.	Reciprocating	wood	25 Ton/Hr	1	2002
			DFR25		25 Kg/cm ²		
					Total Biomass Boiler	68	
					Total Coal Fired Boiler	106	
					Grand Total (units)	174	