

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
758	TURBIMAQ EUROPE - GOLDENUNGN	MIDDLE EAST	42,18	371	MEGA400	PUMP	YES - 611	2408 KW	5.708	oct/22
757	MALOSSO BIOENERGIA	BRAZIL	21	300	700 ME	SHREDDER	NO	1250 HP	4.600	oct/22
756	TURBIMAQ EUROPA - TERMOMECCANICA	BRAZIL	17,2	288	SE350	BOILER PUMP	YES - 611	4,5 KW	2.950	oct/22
755	PRIMO TEDESCO	BRAZIL	43	425	TB1150	OIL PUMP	NO	4 HP	2.000	jul-22
754	PRIMO TEDESCO	BRAZIL	43	425	MEGA40000	GENERATOR	NO	3000 KW	8.000	jul-22
753	TURBIMAQ EUROPA - TERMOMECCANICA	EUROPA	17,2	288	SE350	BOILER PUMP	NO	7,5 KW	2.950	jun-22
752	OLEOPLAN - TOMÉAQU	BRAZIL	24	350	TB1150	OIL PUMP	NO	2 HP	2.000	may/22
751	OLEOPLAN - TOMÉAQU	BRAZIL	24	350	RT 400 ECO	GENERATOR	NO	2000 KW	10.500	may/22
750	CALDEMA - ZILOR-Quatá	BRAZIL	21	340	TB1150	OIL PUMP	NO	3 HP	2.000	may/22
749	CALDEMA - ZILOR-Quatá	BRAZIL	21	340	RC850	PUMP	NO	1900 HP	3.000	may/22
748	CALDEMA - AROBIRA	BRAZIL	21	300	TB1150	OIL PUMP	NO	3 HP	2.000	may/22
747	CALDEMA - AROBIRA	BRAZIL	21	300	RC850	PUMP	NO	2100 HP	3.580	may/22
746	BELEM BIOENERGIA - Unidade Tailândia	BRAZIL	15	202	MEGA400	GENERATOR	NO	840 KW	8.000	apr/22
745	FUMACENSE ALIMENTOS	BRAZIL	22	330	TB1150	OIL PUMP	NO	2 HP	2.000	apr/22
744	FUMACENSE ALIMENTOS	BRAZIL	22	330	MEGA400 CO	GENERATOR	NO	2620 KW	8.000	apr/22
743	CALDEMA - JALLES MACHADO	BRAZIL	21	300	SE650	CENTRIFUGAL PUMP	NO	1400 HP	3.570	jan-22
742	TURBIMAQ EUROPE - TERMOMECCANICA	EUROPA	11,6	300	SE650 HT	CENTRIFUGAL PUMP	YES - 611	132 KW	1.300	jan-22
741	TURBIMAQ EUROPE - TERMOMECCANICA	EUROPA	11,6	300	SE650 HT	CENTRIFUGAL PUMP	YES - 611	132 KW	1.300	jan-22
740	TURBIMAQ EUROPE - TERMOMECCANICA	EUROPA	11,6	300	SE500 HT	CENTRIFUGAL PUMP	YES - 611	90 KW	1.475	jan-22
739	TURBIMAQ EUROPE - TERMOMECCANICA	EUROPA	11,6	300	SE500 HT	CENTRIFUGAL PUMP	YES - 611	90 KW	1.475	jan-22
738	TURBIMAQ EUROPE - TERMOMECCANICA	EUROPA	11,6	300	SE500 HT	CENTRIFUGAL PUMP	YES - 611	90 KW	2.950	jan-22
737	TURBIMAQ EUROPE - TERMOMECCANICA	EUROPA	11,6	300	SE500 HT	CENTRIFUGAL PUMP	YES - 611	90 KW	2.950	jan-22
736	TURBIMAQ EUROPE - TERMOMECCANICA	EUROPA	42,2	400	SE500 HT	CENTRIFUGAL PUMP	YES - 611	380 KW	2.980	jan-22
735	ITAMARATI	BRAZIL	42	390	MEGA600	SHREDDER	NO	6.600 HP	5.500	aug/21
734	VALE DO PONTAL	BRAZIL	21	300	SE650	BOILER PUMP	NO	1.600 HP	3.550	aug/21
733	MADEIREIRA MARACANÃ	BRAZIL	43	450	TB1150	OIL PUMP	NO	3 HP	2.000	may/21
732	MADEIREIRA MARACANÃ	BRAZIL	43	450	MEGA500ECO	GENERATOR	NO	5.650 KW	7.000	may/21
731	TURBIMAQ EUROPE - BURGO	ITALY	60	470	RT 400	GENERATOR	NO	4.620 KW	10.632	mar-21
730	VILLA GUILLERMINA (PAPELERA VUAL)	ARGENTINA	29	345	MEGA500CO	GENERATOR	NO	4.000 KW	7.000	Sep/2020
729	USINA LAGUNA	BRAZIL	4	450	MEGA400	SHREDDER	NO	2.200 HP	8.000	Aug/2020
728	USINA LAGUNA	BRAZIL	42	450	MEGA400	SHREDDER	NO	2.200 HP	8.000	Aug/2020
727	USINA LAGUNA	BRAZIL	42	450	MEGA400	SHREDDER	NO	2.200 HP	8.000	Aug/2020
726	USINA LAGUNA	BRAZIL	42	450	MEGA400	SHREDDER	NO	2.200 HP	8.000	Aug/2020
725	QIAAZUCAREIRA LA ESTRELLA	PANAMÁ	14	260	500ME	SHREDDER	NO	3.000 HP	5.000	May/2020
724	USINA IPOUCA	BRAZIL	21	300	MEGA600	SHREDDER	NO	2.500 HP	6.000	apr/20
723	USINA SANTA FÉ	BRAZIL	21	300	TB1250	OIL PUMP	NO	20 HP		jan-20
722	USINA SANTA FÉ	BRAZIL	21	300	MEGA10000	GENERATOR	NO	10.000 KW	6.000	jan-20
721	BENDO ALIMENTOS	BRAZIL	43	440	MEGA40000	GENERATOR	NO	2.000 KW	8.000	jan-20
720	SANTALLDIA ALIMENTOS - ARROZ ELLEVILLE	BRAZIL	41	415	MEGA40000	GENERATOR	NO	3.500 KW	8.000	jan-20
719	PRIMO TEDESCO	BRAZIL	43	425	TB1150	OIL PUMP	NO	4 HP		dez-19
718	PRIMO TEDESCO	BRAZIL	43	425	MEGA400E	GENERATOR	NO	3.350 KW	7.000	dec/19
717	AMAZON POLPAS	BRAZIL	42	415	TB1150	OIL PUMP	NO	4 HP		dec/19
716	AMAZON POLPAS	BRAZIL	42	415	MEGA40000	GENERATOR	NO	3.000 KW	8.000	dec/19
715	JINACESSÓRIOS INDUSTRIAIS - MELHORAMENTOS NOVA LONDRINA	BRAZIL	21	300	800/4 ME	GENERATOR	NO	4.000 KW		nov-19
714	SONORA ESTÂNCIA S/A	BRAZIL	23	320	SE500	CENTRIFUGAL PUMP	NO	400 CV	3.580	out-19
713	USINA JACAREZINHO	BRAZIL	21	280	500ME	SHREDDER	NO	1.500 HP		aug/19
712	BRASIL BOFELS - UTE SÃO JOÃO DA BALIZA	BRAZIL	22	350	MEGA10000	GENERATOR	NO	15.000 KW		jul-19
711	JATÁ AGRONÓSTRIA DE BIOCOMBUSTÍVEIS	BRAZIL	45	420	TB1150	OIL PUMP	NO	4 HP		mar-19
710	JATÁ AGRONÓSTRIA DE BIOCOMBUSTÍVEIS	BRAZIL	45	420	MEGA600	GENERATOR	NO	5000 KW	6.000	mar-19

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709	LONTEK (SPAIN)	PERU	40	400	SE650	FD FAN	YES - 611	1000 KW	4.400	fev-19
708	LONTEK (SPAIN)	PERU	40	400	SE650	FD FAN	YES - 611	1000 KW	4.400	fev-19
707	USINA SANTA LUCIA	BRAZIL	42	450	MEGA 6000	GENERATOR	NO	10000 KW	6.000	jan-19
706	ALCOESTE BIOENERGIA	BRAZIL	21	340	TB-H150	OIL PUMP	NO	3 HP		sep/18
705	ALCOESTE BIOENERGIA	BRAZIL	21	340	MEGA 10000	GENERATOR	NO	12000 KW		sep/18
704	CARGILL - PRIMAVERA DO LESTE	BRAZIL	21	300	SE 500 L.F.	BOILER PUMP	NO	400 HP	3.550	jun-18
703	BLUESHIFT GERAÇÃO E COMERC. DE ENERGIA	BRAZIL	17	280	TB-H150	OIL PUMP	NO	3 HP		may/18
702	DENÉ DOTALÁ	BRAZIL	21	350	MEGA 500	GENERATOR	NO	2700 KW		may/18
701	ALCOITEC	BRAZIL	21	300	MEGA 500	GENERATOR	NO	3500 KW		dec/20
700	DENÉ DOTALÁ	BRAZIL	21	350	MEGA 500	GENERATOR	NO	2700 KW		may/18
699	ALCOHOLERA DE ZAPOPAN	MEXICO	42	410	MEGA 600	GENERATOR	NO	5000 KW	6.000	may/18
698	NOVO MLÊNO - UNIDADE MIRASSOL D OESTE	BRAZIL	21	300	TB-H150	OIL PUMP	NO	3 HP		may/18
697	NOVO MLÊNO - UNIDADE MIRASSOL D OESTE	BRAZIL	21	300	SE 500 L.F.	BOILER PUMP	NO	500 HP	3.550	may/18
696	NOVO MLÊNO - UNIDADE MIRASSOL D OESTE	BRAZIL	42	420	MEGA 15000	GENERATOR	NO	12500 KW	6.000	may/18
695	BLUESHIFT GERAÇÃO E COMERC. DE ENERGIA	BRAZIL	17	280	MEGA 40000	GENERATOR	NO	1250 KW		may/18
694	RAYA ADUL - GUJANA	GUJANA INGLESA	25	250	TB-H150	OIL PUMP	NO	3 HP		mar-18
693	RAYA ADUL - GUJANA	GUJANA INGLESA	25	250	MEGA 40000	GENERATOR	NO	1700 KW		mar-18
692	RAÍZEN - UNIDADE SÃO FRANCISCO	BRAZIL	21	280	700 ME	CUTTER	NO	1700 HP		feb/18
691	FÁTIMA DO SUL	BRAZIL	21	320	500 ME	EXHAUST FAN	NO	1200 HP		dec/17
690	USIMAT	BRAZIL	42	420	SE 650 L.F.	PUMP	NO	600 HP	3.500	dec/17
689	USIMAT	BRAZIL	42	420	MEGA 600	GENERATOR	NO	7000 KW	6.000	dec/17
688	CAYME - GUJANA	GUJANA INGLESA	20	330	TB-H150	OIL PUMP	NO	3 HP		dec/17
687	CAYME - GUJANA	GUJANA INGLESA	21	330	MEGA 40000	GENERATOR	NO	1700 KW		sep/17
686	USINA JACAREZINHO	BRAZIL	21	280	500 ME	MILL	NO	1500 HP		aug/17
685	HPB - PROJETO TERÇOS CRUZ ALTA	BRAZIL	21	300	SE 650 L.F.	PUMP	NO	1650 CV	3.583	jun-17
684	RAÍZEN - UNIDADE SANTA HELENA	BRAZIL	21	300	800 ME	MILL	NO	2400 HP		jun-17
683	DENÉ DOTALÁ	BRAZIL	21	350	MEGA 500	GENERATOR	NO	2700 KW		may/17
682	USINA IPOUCA	BRAZIL	21	300	700 ME	MILL	NO	2000 HP		abr-17
681	USIMAT	BRAZIL	42	420	MEGA 600	GENERATOR	NO	7500 KW	6.000	mar-17
680	DESTILARIA LONDRA	BRAZIL	21	300	800/3 ME	GENERATOR	NO	3000 KW		mar-17
679	CALDEMA - AGROPÉU	BRAZIL	25	350	SE 650	BOILER PUMP	NO	1500 HP	3.580	mar-17
678	UNTÁN FORMOSA - ARGENTINA	ARGENTINA	35	350	700 ME	GENERATOR	NO	1500 KW		jan-17
677	USINA CAROLO	BRAZIL	21	280	800 ME	CUTTER	NO	1150 HP		jan-17
676	PETROBRAS - REDUC	BRAZIL	10	227	SE 300 V	PUMP	YES - 611	13 CV	3.550	dez-17
675	PETROBRAS - REDUC	BRAZIL	10	227	SE 300 V	PUMP	YES - 611	13 CV	3.550	dez-17
674	PETROBRAS - REDUC	BRAZIL	10	227	SE 300 V	PUMP	YES - 611	13 CV	3.550	dez-17
673	USINA SANTA LUCIA	BRAZIL	22	300	400 ME	MILL	NO	1200 HP		dec/16
672	USINA CAROLO	BRAZIL	21	300	MEGA 600	GENERATOR	NO	6000 KW		nov-16
671	FÁTIMA DO SUL	BRAZIL	21	320	500 ME	MILL	NO	900 HP		nov-16
670	FÁTIMA DO SUL	BRAZIL	21	320	500 ME	MILL	NO	900 HP		nov-16
669	FÁTIMA DO SUL	BRAZIL	21	320	500 ME	MILL	NO	900 HP		nov-16
668	USINA PIRANGA - DESCALVADO	BRAZIL	20	320	800/3 ME	SHREDDER	NO	4000 HP		jun-16
667	USINA JACAREZINHO	BRAZIL	21	280	500 ME	MILL	NO	2200 HP		jun-16
666	AÇUCARERA QUATÁ	BRAZIL	42	415	TB-H150	OIL PUMP	NO	3 HP		may/16
665	INGENO SAN RAFAEL	COSTA RICA	21	420	TB-H150	OIL PUMP	NO	3 HP		may/16
664	INGENO SAN RAFAEL	COSTA RICA	42	420	MEGA 500 MC	GENERATOR	NO	5000 KW	6.000	mar-16
663	UNAGRO	BOLÍVIA	43	430	MEGA 15000	GENERATOR	NO	17000 KW	6.000	mar-16
662	USINA SANTA LUCIA	BRAZIL	22	300	500 ME	MILL	NO	1800 HP		dez-15
661	USINA SANTA LUCIA	BRAZIL	22	300	500 ME	MILL	NO	1800 HP		dez-15

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660	USINA CARLO	BRAZIL	21	300	500 ME	BOILER PUMP	NO	900 HP		nov-15
659	ENGENHO SÃO PEDRO	BRAZIL	17	250	400 ME	SHREDDER	NO	550 HP		nov-15
658	JUNCESSÓRIOS INDUSTRIAIS - USINA MALOSSO	BRAZIL	21	300	400 ME	CUTTER	NO	1200 HP		jul-15
657	PETROBRAS - RJAM	BRAZIL	11	280	SE500	PUMP		205 HP	3.000	may/15
656	RODEN - SC	BRAZIL	21	350	MEGA500ECO	GENERATOR	NO	3000 KW		may/15
655	RAÍZEN- UNDADE TAMOIO	BRAZIL	21	300	500 ME	MILL	NO	800 HP		jan-15
654	RAÍZEN- UNDADE TAMOIO	BRAZIL	21	300	500 ME	MILL	NO	800 HP		jan-15
653	RAÍZEN- UNDADE TAMOIO	BRAZIL	21	300	500 ME	MILL	NO	900 HP		jan-15
652	RAÍZEN- UNDADE SANTA HELENA	BRAZIL	15	300	500 ME	EXHAUST FAN	NO	500 CV		jan-15
651	INGENIO SANTA ROSA ARGENTINA	ARGENTINA	21	330	TB1150	OIL PUMP	NO	2 HP		nov-14
650	AGROPEÚ	BRAZIL	42	420	MEGA15000	GENERATOR	NO	15000 KW	6.000	oct/14
649	BOM SUCESSO	BRAZIL	21	320	MEGA600	GENERATOR	NO	7000 KW		oct/14
648	INGENIO SANTA ROSA ARGENTINA	BRAZIL	21	330	MEGA10000	GENERATOR	NO	8000 KW		sep/14
647	INGENIO SANTA ROSA ARGENTINA	BRAZIL	21	330	500/3 ME	SHREDDER	NO	2500 HP		sep/14
646	SERMATEC - RAÍZEN COSTA RICO	BRAZIL	21	310	SE650	BOILER PUMP	NO	900 HP	3.570	sep/14
645	SERMATEC - BOM SUCESSO	BRAZIL	21	310	SE500	BOILER PUMP	NO	550 HP	3.500	sep/14
644	SANTA CECÍLIA	BRAZIL	21	280	500 ME	GENERATOR	NO	1200 KW	6.000	abr-16
643	USINA JACAREZINHO	BRAZIL	21	280	500 ME	MILL	NO	1500 HP		aug/14
642	CEVASA	BRAZIL	21	300	500 ME	SHREDDER	NO	1850 HP		aug/14
641	CEVASA	BRAZIL	21	300	400 ME	CUTTER	NO	760 HP		aug/14
640	CEVASA	BRAZIL	21	300	500 ME	CUTTER	NO	1170 HP		aug/14
639	RAÍZEN- UNDADE SANTA HELENA	BRAZIL	21	300	800 ME	MILL	NO	2000 HP		jul-14
638	RAÍZEN- UNDADE SANTA HELENA	BRAZIL	21	300	800 ME	GENERATOR	NO	1200 KW		oct/14
637	RAÍZEN- UNDADE SANTA HELENA	BRAZIL	21	300	800 ME	MILL	NO	2000 HP		jul-14
636	DANPOWER - GRANOL	BRAZIL	34	350	SE500	BOILER PUMP	NO	500 CV	3.580	may/15
635	PEGASUS (PETRO-QUÍMICA)	MIDDLE EAST	41	387	SE500	CENTRIFUGAL FAN	YES-611	355 KW	5.000	may/15
634	OTROSUCO - MATÃO	BRAZIL	42	400	MEGA400	GENERATOR	NO	3000 KW	7.000	may/15
633	ENGEVAP - FERRARI	BRAZIL	23	300	SE650	BOILER PUMP	NO	750 HP	3.500	may/14
632	AGRISA	BRAZIL	19	300	MEGA600	GENERATOR	NO	5000 KW		ap/14
631	SERMATEC - GUARAN TANAB	BRAZIL	21	350	SE650	BOILER PUMP	NO	1300 HP	3.580	mar-14
630	USINA FURLAN	BRAZIL	20	280	700/3 ME	SHREDDER	NO	2700 HP		jan-14
629	USINA FURLAN	BRAZIL	20	280	700/3 ME	CUTTER	NO	2500 HP		jan-14
628	ODEBRECHT - UNDADE ALÓDIA	BRAZIL	21	300	500/3 ME	MILL	NO	2250 HP		dec/13
627	ODEBRECHT - UNDADE ALÓDIA	BRAZIL	21	300	500/3 ME	MILL	NO	2250 HP		dec/13
626	BOM SUCESSO	BRAZIL	21	300	500 ME	MILL	NO	640 HP		dec/13
625	NOVO MILÊNIO - UNDADE MIRASSOL D OESTE	BRAZIL	19	320	500 ME	MILL	NO	650 HP		nov-13
624	DESTILARIA TIROLLI	BRAZIL	23	330	800/3 ME	GENERATOR	NO	3000 KW		nov-13
623	ITAIQUARA - UNDADE TAPIRATIBA	BRAZIL	19	300	700/3 ME	GENERATOR	NO	1600 KW		oct/13
622	ITAIQUARA - UNDADE PASSOS	BRAZIL	20	270	500 ME	MILL	NO	1100 KW		oct/13
621	ITAIQUARA - UNDADE PASSOS	BRAZIL	20	270	500 ME	MILL	NO	1100 KW		oct/13
620	ITAIQUARA - UNDADE PASSOS	BRAZIL	20	270	500 ME	MILL	NO	1100 KW		oct/13
619	ITAIQUARA - UNDADE PASSOS	BRAZIL	20	270	500 ME	MILL	NO	1100 KW		oct/13
618	RAÍZEN- UNDADE SANTA HELENA	BRAZIL	15	320	700 ME	EXHAUST FAN	NO	650 HP		oct/13
617	RAÍZEN- UNDADE SANTA HELENA	BRAZIL	15	320	500 ME	EXHAUST FAN	NO	450 HP		oct/13
616	RAÍZEN- UNDADE SANTA HELENA	BRAZIL	15	320	400 ME	EXHAUST FAN	NO	360 HP		oct/13
615	NOVO MILÊNIO - UNDADE MIRASSOL D OESTE	BRAZIL	20	330	500 ME	MILL	NO	1600 HP		sep/13
614	NOVO MILÊNIO - UNDADE MIRASSOL D OESTE	BRAZIL	20	330	500 ME	MILL	NO	1600 HP		sep/13
613	NOVO MILÊNIO - UNDADE MIRASSOL D OESTE	BRAZIL	20	330	500 ME	SHREDDER	NO	1800 HP		sep/13
612	USINA NARDIN	BRAZIL	21	300	700/3 ME	CUTTER	NO	3000 KW		aug/13

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611	RAÍZEN- PARAGUAÇU	BRAZIL	21	300	500 ME	MLL	NO	850 CV		aug/13
610	RAÍZEN- PARAGUAÇU	BRAZIL	21	300	500 ME	MLL	NO	850 CV		aug/13
609	RAÍZEN- PARAGUAÇU	BRAZIL	21	300	500 ME	MLL	NO	850 CV		aug/13
608	RAÍZEN- PARAGUAÇU	BRAZIL	21	300	500 ME	MLL	NO	1500 CV		aug/13
607	USINA SANTA FÉ	BRAZIL	21	300	TB250	OIL PUMP	NO	20 HP		jun-13
606	EQUIPALCOOL - CARNEIRINHO	BRAZIL	45	450	TB150	OIL PUMP	NO	3 HP		mar-13
605	EQUIPALCOOL - CARNEIRINHO	BRAZIL	45	450	400 MC	BOILER PUMP	NO	1000 HP		mar-13
604	ATENA	BRAZIL	21	300	500 ME	MLL	NO	1400 HP		feb/13
603	PETROBRAS FAFEN - SERGIPE	BRAZIL	36	380	SE350	BLOWER	YES - 611	100 KW	1.700	feb/13
602	RAÍZEN- UNIDADE SANTA HELENA	BRAZIL	21	300	800 ME	CUTTER	NO	2100 HP		jan-13
601	RAÍZEN- UNIDADE SANTA HELENA	BRAZIL	21	300	500 ME	CUTTER	NO	1250 HP		jan-13
600	QI MILLER DE BEBIDAS	BRAZIL	21	270	400 ME	MLL	NO	600 HP		jan-13
599	USINA ESTER	BRAZIL	21	300	500 ME	CUTTER	NO	1300 HP		dec/12
598	ENGENHO SÃO PEDRO	BRAZIL	16	280	500 ME	MLL	NO	770 HP		dec/12
597	USINA FURLAN	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		dec/12
596	USINA FURLAN	BRAZIL	21	300	700 ME	SHREDDER	NO	2000 HP		oct/12
595	USINA CAMPESTRE	BRAZIL	21	300	MEGA 400	GENERATOR	NO	2000 KW		oct/12
594	FLOWERVE - PETROBRAS UFNB	BRAZIL	46,4	382	MEGA 40000	PUMP	YES - 611	2386 KW	8.000	out-12
593	USINA JACAREZINHO	BRAZIL	21	280	500 ME	MLL	NO	1500 HP		sep/12
592	USINA JACAREZINHO	BRAZIL	21	280	500 ME	MLL	NO	1500 HP		sep/12
591	INTERUNION - LA ESTRELLA - PANAMÁ	BRAZIL	14	263	MEGA 600	GENERATOR	NO	3500 KW		ago-12
590	DESTILARIA SANTO ANTONO - DPÁDUA	BRAZIL	25	310	500 ME	CUTTER	NO	1100 HP		jun-12
589	DESTILARIA SANTO ANTONO - DPÁDUA	BRAZIL	25	310	700 ME	MLL	NO	1200 HP		jun-12
588	NOVO MILÊNIO - UNIDADE MIRASSOL D OESTE	BRAZIL	19	300	800/3 ME	GENERATOR	NO	2400 KW		mai-12
587	SERMATEC - GUARAN VERTEENTE	BRAZIL	21	350	SE650	BOILER PUMP	NO	1300 HP	3.580	may/12
586	NOVO MILÊNIO - UNIDADE MIRASSOL D OESTE	BRAZIL	19	300	500/3 ME	GENERATOR	NO	1850 KW		ap/12
585	VALE FERTILIZANTES	BRAZIL	40	400	TB150	OIL PUMP	NO	3 HP		ap/12
584	USIMAT	BRAZIL	21	300	500 ME	MLL	NO	1100 HP		feb/12
583	USIMAT	BRAZIL	21	300	500 ME	MLL	NO	1100 HP		feb/12
582	DESTILARIA AGROPEJU	BRAZIL	42	400	RC400	BOILER PUMP	NO	1000 HP	6.000	dec/11
581	CALDEMA - COOP CANA	BRAZIL	21	300	RC770	BOILER PUMP	NO	1500 HP		dec/11
580	CALDEMA - ALVORADA	BRAZIL	21	300	RC770	BOILER PUMP	NO	1500 HP		dec/11
579	USIMAT	BRAZIL	21	280	500 ME	SHREDDER	NO	1800 HP		nov-11
578	USINAS MECÂNICA - PETROBRAS UFNB	BRAZIL	49	436	MEGA 40000	ID FAN	YES - 611	2000 KW	8.000	nov-11
577	USINA BATATAIS - UNIDADE LINS	BRAZIL	22	300	500 ME	MLL	NO	1400 HP		nov-11
576	COSAN - UNIDADE ARARAQUARA	BRAZIL	19	300	700 ME	MLL	NO	1300 HP		out-11
575	COSAN - UNIDADE ARARAQUARA	BRAZIL	19	300	700 ME	MLL	NO	2500 HP		out-11
574	COSAN - UNIDADE ARARAQUARA	BRAZIL	19	300	700 ME	MLL	NO	2500 HP		out-11
573	QI MILLER DE BEBIDAS	BRAZIL	21	270	400 ME	SHREDDER	NO	500 KW		out-11
572	NOVO MILÊNIO - UNIDADE LAMBARÍ DOESTE	BRAZIL	18	320	800/3 ME	GENERATOR	NO	3000 KW		set-11
571	JNACESSÓRIOS INDUSTRIAIS - USINA PANTANAL	BRAZIL	21	300	700 ME	MLL	NO	1800 HP		aug/11
570	JNACESSÓRIOS INDUSTRIAIS - USINA PANTANAL	BRAZIL	21	300	700 ME	MLL	NO	1800 HP		aug/11
569	JNACESSÓRIOS INDUSTRIAIS - DESTILARIA LIBERA	BRAZIL	21	300	800/3 ME	GENERATOR	NO	3000 KW		aug/11
567	USIMAT	BRAZIL	21	300	800 ME	GENERATOR	NO	1700 KW		aug/11
566	USINA IPIRANGA - DESCALVADO	BRAZIL	21	330	MEGA 500	GENERATOR	NO	2500 KW		aug/11
565	USINA IPIRANGA - DESCALVADO	BRAZIL	21	330	MEGA 500	GENERATOR	NO	2500 KW		aug/11
564	USINA BATATAIS	BRAZIL	22	300	400 ME	MLL	NO	625 HP		aug/11
563	DELLA COLETA	BRAZIL	21	300	MEGA 600	GENERATOR	NO	6000 KW		aug/11
562	KOBLITZ - SERESTA	BRAZIL	21	300	RC770	BOILER PUMP	NO	1400 CV		jul-11

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
561	BIOCHAMM - GUAJU	BRAZIL	21	300	RC550	BOILERPUMP	NO	750 HP		jul-11
560	KSB - PETROBRAS RNEST	BRAZIL	42	360	SE350	OILPUMP	YES - 611	10 HP	1.750	jun-11
559	KSB - PETROBRAS RNEST	BRAZIL	42	360	MEGA400	PUMP	YES - 611	1043 KW		jun-11
558	KSB - PETROBRAS RNEST	BRAZIL	42	360	SE350	OILPUMP	YES - 611	10 HP	1.750	jun-11
557	KSB - PETROBRAS RNEST	BRAZIL	42	360	MEGA400	PUMP	YES - 611	1043 KW		jun-11
556	KSB - PETROBRAS RNEST	BRAZIL	42	360	SE350	OILPUMP	YES - 611	10 HP	1.750	jun-11
555	KSB - PETROBRAS RNEST	BRAZIL	42	400	MEGA400	PUMP	YES - 611	1741,6 KW	7.000	jun-11
554	KSB - PETROBRAS RNEST	BRAZIL	42	360	SE350	OILPUMP	YES - 611	10 HP	1.750	jun-11
553	KSB - PETROBRAS RNEST	BRAZIL	42	360	MEGA400	PUMP	YES - 611	1741,6 KW		jun-11
552	SERMATEC - PDVSA	VENEZUELA	30	400	SE500	BOILERPUMP	NO	350 HP	3.570	jun-11
551	KSB - PETROBRAS REPLAN	BRAZIL	13,5	245	SE350	BOILERPUMP	YES - 611	50 KW	1.780	jun-11
550	COSAN - UNDADE UNVALEM	BRAZIL	20	290	400 ME	MLL	NO	1100 CV		may/11
549	COSAN - UNDADE UNVALEM	BRAZIL	20	290	400 ME	MLL	NO	1100 CV		may/11
548	COSAN - UNDADE UNVALEM	BRAZIL	20	290	400 ME	MLL	NO	1300 CV		may/11
547	COSAN - UNDADE UNVALEM	BRAZIL	20	290	400 ME	MLL	NO	1300 CV		may/11
546	COSAN - UNDADE UNVALEM	BRAZIL	20	290	400 ME	CUTTER	NO	1200 CV		may/11
545	COSAN - UNDADE UNVALEM	BRAZIL	20	290	500/3 ME	MLL	NO	2100 CV		may/11
544	COSAN - UNDADE UNVALEM	BRAZIL	20	290	500/3 ME	MLL	NO	2100 CV		may/11
543	COSAN - UNDADE UNVALEM	BRAZIL	20	290	500/3 ME	MLL	NO	2100 CV		may/11
542	COSAN - UNDADE UNVALEM	BRAZIL	20	290	500/3 ME	SHREDDER	NO	2000 CV		may/11
541	COSAN - UNDADE UNVALEM	BRAZIL	20	290	500/3 ME	CUTTER	NO	2000 CV		may/11
540	USINA BATATAIS	BRAZIL	22	300	500 ME	MLL	NO	1200 HP		mar-11
539	USINA SÃO JOSÉ - PETRIBU	BRAZIL	22	340	800/3 ME	GENERATOR	NO	3200 KW		mar-11
538	SIEMENS - PEDRA GRANDE 2	BRAZIL	21	300	TB250	OILPUMP	NO	12 HP		mar-11
537	SIEMENS - PEDRA GRANDE 1	BRAZIL	21	300	TB250	OILPUMP	NO	12 HP		mar-11
536	PAUD ALHO	BRAZIL	21	320	TEQ.63ME	MLL	NO	1000 HP		dec/10
535	PAUD ALHO	BRAZIL	21	320	TEQ.63ME	MLL	NO	1000 HP		dec/10
534	JAYORO	BRAZIL	21	350	700 ME	MLL	NO	1850 HP		dec/10
533	JAYORO	BRAZIL	21	350	500 ME	SHREDDER	NO	1200 HP		dec/10
532	JAYORO	BRAZIL	21	350	400 ME	CUTTER	NO	1000 HP		dec/10
531	COSANIPALISSU	BRAZIL	21	300	500 ME	BOILERPUMP	NO	1200 HP		dec/10
530	ABENGOA - SAP	BRAZIL	21	280	W503 ME	MLL	NO	700 HP		dec/10
529	ABENGOA - SAP	BRAZIL	21	280	W503 ME	CUTTER	NO	500 HP		dec/10
528	ABENGOA - SAP	BRAZIL	21	280	500 ME	SHREDDER	NO	600 HP		dec/10
527	INFINITY BIO ENERGY - IBERALCOOL	BRAZIL	21	300	MEGA600	GENERATOR	NO	6000 KW		dec/10
526	INFINITY BIO ENERGY	BRAZIL	21	300	RC400	BOILERPUMP	NO	200 CV		dec/10
525	USINA ESTER	BRAZIL	21	300	700 ME	SHREDDER	NO	2700 HP		dec/10
524	USINA ESTER	BRAZIL	21	300	700 ME	CUTTER	NO	2400 HP		dec/10
523	JUNCESSÓRIOS INDUSTRIAIS	BRAZIL	21	300	800/3 ME	GENERATOR	NO	1500 KW		nov-10
522	DESTILARIA DIANA	BRAZIL	18	280	500 ME	CUTTER	NO	1600 HP		oct/10
521	JUNCESSÓRIOS INDUSTRIAIS - USINA PANTANAL	BRAZIL	21	300	MEGA600	GENERATOR	NO	6000 KW		oct/10
520	BETA SÃO MIGUEL	MEXICO	43	410	SE500	BOILERPUMP	NO	500 HP	3.500	oct/10
519	ITT - COMPERJ	BRAZIL	16	216	SE500	WATERPUMP	YES - 611	211 KW	3.550	oct/10
518	ITT - COMPERJ	BRAZIL	16	216	SE500	WATERPUMP	YES - 611	172 KW	1.785	oct/10
517	ITT - COMPERJ	BRAZIL	16	216	SE350	WATERPUMP	YES - 611	69 KW	1.780	oct/10
516	PROMINP - FLAM	BRAZIL	11	250	SE350	WATERPUMP	YES - 611	57 KW	3.550	oct/10
515	COSAN - UNDADE IPALISSU	BRAZIL	21	300	800/3 ME	SHREDDER	NO	4000 HP		oct/10
514	USINA MSTA ALEGRE	BRAZIL	42	420	700 ME	MLL	NO	1700 HP		oct/10
513	USINA MSTA ALEGRE	BRAZIL	42	420	700 ME	MLL	NO	1600 HP		oct/10

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
512	CALDEMA - FURLANII	BRAZIL	42	420	SE650	BOILER PUMP	NO	650 HP	3.570	oct/10
511	USINA DACALDA	BRAZIL	21	300	500 ME	MLL	NO	1800 HP		oct/10
510	ENERGÉTICA SERRANÓPOLIS	BRAZIL	42	450	MEGA 500MC	GENERATOR	NO	5000 KW		nov-15
509	SIEMENS - BURTI 2	BRAZIL	21	300	TB250	OIL PUMP	NO	9 HP		sep/10
508	SIEMENS - BURTI 1	BRAZIL	21	300	TB250	OIL PUMP	NO	12 HP		sep/10
507	DESTILARIA DIANA	BRAZIL	18	280	500 ME	SHREDDER	NO	1600 HP		sep/10
506	BIOCHAMM - CPP (CHILE)	BRAZIL	21	217	RC550	BOILER PUMP	NO	650 HP		aug/10
505	UNACESSÓRIOS INDUSTRIAIS - SANTA HELENA - GO	BRAZIL	21	300	800 ME	MLL	NO	2400 HP		jul-10
504	UNACESSÓRIOS INDUSTRIAIS - SANTA HELENA - GO	BRAZIL	21	300	800 ME	MLL	NO	2400 HP		jul-10
503	USIMAT	BRAZIL	21	300	800 ME	GENERATOR	NO	1400 KW		jun-10
502	CANNHAROSA	BRAZIL	18	280	800 ME	GENERATOR	NO	1000 KW		jun-10
501	HPB-SIMSA - SÃO FERNANDO	BRAZIL	15	300	RC850	BOILER PUMP	NO	2400 HP		may/10
500	USINA DACALDA	BRAZIL	21	300	500 ME	MLL	NO	1400 HP		may/10
499	USINA DACALDA	BRAZIL	21	300	500 ME	MLL	NO	1400 HP		may/10
498	USINA DACALDA	BRAZIL	21	300	500 ME	CUTTER	NO	1300 HP		may/10
497	USINA DACALDA	BRAZIL	21	300	400 ME	CUTTER	NO	800 HP		may/10
496	USINA DACALDA	BRAZIL	21	300	MEGA 600	GENERATOR	NO	6000 KW		may/10
495	ALMOXARIFADO	BRAZIL	21	300	MEGA 10000	GENERATOR	NO	10000 KW		may/10
494	USINA CAPUAVA	BRAZIL	16	290	800 ME	GENERATOR	NO	1000 KW		abr-10
493	DESTILARIA GRANELLI	BRAZIL	21	300	800 ME	GENERATOR	NO	1600 HP		jan-10
492	UNACESSÓRIOS INDUSTRIAIS	BRAZIL	21	300	700 ME	CUTTER	NO	2500 HP		jan-10
491	COSAN - UNIDADE BENVOLCOOL	BRAZIL	21	300	500/3 ME	GENERATOR	NO	1600 KW		dec/09
490	CENTRAL ENERGETICA VICENTINA	BRAZIL	21	300	700/3 ME	GENERATOR	NO	1600 KW		dec/09
489	COSAN - UNIDADE DESTIVALE	BRAZIL	21	300	700 ME	SHREDDER	NO	2000 HP		nov-09
488	COSAN - UNIDADE BONFIM	BRAZIL	30	400	500 ME	BOILER PUMP	NO	600 HP		oct/09
487	COSAN - UNIDADE BONFIM	BRAZIL	30	400	500 ME	BOILER PUMP	NO	600 HP		oct/09
486	COSAN - UNIDADE BONFIM	BRAZIL	30	400	500 ME	BOILER PUMP	NO	600 HP		oct/09
485	COSAN - UNIDADE BONFIM	BRAZIL	30	400	500 ME	EXHAUST FAN	NO	800 HP		oct/09
484	COSAN - UNIDADE BONFIM	BRAZIL	30	400	500 ME	MLL	NO	1100 HP		oct/09
483	COSAN - UNIDADE BONFIM	BRAZIL	30	400	700 ME	MLL	NO	1100 HP		oct/09
482	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
481	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
480	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
479	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
478	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
477	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
476	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
475	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
474	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
473	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
472	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	1700 HP		oct/09
471	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	MLL	NO	650 HP		oct/09
470	USINA BATATAIS	BRAZIL	21	300	400 ME	MLL	NO	1800 HP		oct/09
469	EQUIPALCOOL - COLOMEDI	BRAZIL	21	280	RC770	BOILER PUMP	NO	1800 HP		sept/09
468	QI ENERGÉTICA MORENO	BRAZIL	21	300	800/3 ME	CUTTER	NO	2640 HP		sept/09
467	SANTO ANTONIO BALBO	BRAZIL	21	300	MEGA 500	GENERATOR	NO	3400 HW		mai-10
466	UNACESSÓRIOS INDUSTRIAIS	BRAZIL	20	300	500 ME	CUTTER	NO	1800 HP		ago-09
465	USINA SÃO LUÍZ - OURINHOS	BRAZIL	21	300	800 ME	MLL	NO	2300 HP		jul-09
464	USINA SÃO LUÍZ - OURINHOS	BRAZIL	21	300	800 ME	MLL	NO	2300 HP		jul-09

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
463	KSB - PETROBRAS RECAP	BRAZIL	28,1	375	SE500	WATER PUMP	YES - 611	475,8 HP	6.000	jul-09
462	KSB - PETROBRAS RECAP	BRAZIL	28,1	375	SE500	WATER PUMP	YES - 611	475,8 HP	6.000	jul-09
461	BIOCHAMM - BUNGE PEDRO AFONSO-TO	BRAZIL	21	217	RC770	BOILER PUMP	NO	1400 HP		jul-09
460	BIOCHAMM - BUNGE PEDRO AFONSO-TO	BRAZIL	21	217	RC770	BOILER PUMP	NO	1400 HP		jul-09
459	CONFAB - PETROBRAS RLAM	BRAZIL	12,5	250	SE500	WATER PUMP	YES - 611	65 HP	1.180	may/09
458	CONFAB - PETROBRAS RLAM	BRAZIL	12,5	250	SE500	INDUCED FAN	YES - 611	403 HP	5.000	may/09
457	CONFAB - PETROBRAS RLAM	BRAZIL	12,5	250	SE500	FD FAN	YES - 611	248 HP	6.000	may/09
456	DEDIN IND. BASE - IETI UVA	BRAZIL	21	300	RC400	BOILER PUMP	NO	300 HP		may/09
455	CONFAB - PETROBRAS RECAP	BRAZIL	28,1	231	SE500	FD FAN	YES - 611	113 KW	6.000	mar-09
454	CONFAB - PETROBRAS RECAP	BRAZIL	28,1	231	SE500	FD FAN	YES - 611	113 KW	6.000	mar-09
453	USINA FURLAN - AVARÉ	BRAZIL	21	300	800 ME	SHREDDER	NO	1650 HP		mar-09
452	AZUCARERA TURBE - PARAGUAI	BRAZIL	21	300	700 ME	SHREDDER	NO	1500 HP		mar-09
451	USINA SANTA FÉ	BRAZIL	21	300	MEGA10000	GENERATOR	NO	10000 KW		dec/08
450	DEDIN IND. BASE - CEVASA	BRAZIL	21	300	RC550	BOILER PUMP	NO	1000 CV		dec/08
449	DEDIN IND. BASE - MERIDIANO I	BRAZIL	21	300	RC850	BOILER PUMP	NO	2100 CV		nov-08
446	COSAN - UNIDADE BONFIM	BRAZIL	20	280	700 ME	MILL	NO	1400 HP		oct/08
445	RAIZENTAMIO	BRAZIL	21	300	500 ME	MILL	NO	900 HP		oct/08
444	COSAN - UNIDADE BONFIM	BRAZIL	20	280	700 ME	DOUBLE CUTTER	NO	2200 HP		oct/08
443	COSAN - UNIDADE BONFIM	BRAZIL	20	280	700 ME	CUTTER	NO	1200 HP		oct/08
442	COSAN - UNIDADE BONFIM	BRAZIL	20	280	700 ME	CUTTER	NO	2200 HP		oct/08
441	COSAN - UNIDADE BONFIM	BRAZIL	20	280	500 ME	CUTTER	NO	1200 HP		oct/08
440	COSAN - UNIDADE DIAMANTE	BRAZIL	21	280	500 ME	MILL	NO	1200 HP		oct/08
439	COSAN - UNIDADE DIAMANTE	BRAZIL	21	280	500 ME	MILL	NO	1200 HP		oct/08
438	COSAN - UNIDADE DIAMANTE	BRAZIL	21	280	500 ME	MILL	NO	1200 HP		oct/08
437	COSAN - UNIDADE DIAMANTE	BRAZIL	21	280	500 ME	MILL	NO	1200 HP		oct/08
436	COSAN - UNIDADE DIAMANTE	BRAZIL	21	280	500 ME	MILL	NO	1200 HP		oct/08
435	COSAN - UNIDADE DIAMANTE	BRAZIL	21	280	700 ME	SHREDDER	NO	2500 HP		oct/08
434	COSAN - UNIDADE DIAMANTE	BRAZIL	21	280	800 ME	CUTTER	NO	2000 HP		oct/08
433	COSAN - UNIDADE DIAMANTE	BRAZIL	21	300	500 ME	CUTTER	NO	1150 HP		oct/08
432	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	CUTTER	NO	1450 HP		oct/08
431	COSAN - UNIDADE BARRA	BRAZIL	21	300	800/3 ME	CUTTER	NO	3000 HP		oct/08
430	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	CUTTER	NO	1450 HP		oct/08
429	COSAN - UNIDADE BARRA	BRAZIL	21	300	800 ME	MILL	NO	2400 HP		oct/08
428	COSAN - UNIDADE BARRA	BRAZIL	21	300	800 ME	MILL	NO	2400 HP		oct/08
427	COSAN - UNIDADE BARRA	BRAZIL	21	300	800 ME	MILL	NO	2400 HP		oct/08
426	COSAN - UNIDADE BARRA	BRAZIL	21	300	800/3 ME	SHREDDER	NO	1200 HP		oct/08
425	COSAN - UNIDADE BARRA	BRAZIL	21	300	500 ME	CUTTER	NO	1200 HP		oct/08
424	COSAN - UNIDADE BARRA	BRAZIL	21	300	700/3 ME	CUTTER	NO	2450 HP		oct/08
423	RAIZENTAMIO	BRAZIL	21	300	500 ME	MILL	NO	900 HP		dez-15
422	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	CUTTER	NO	1400 HP		oct/08
421	COSAN - UNIDADE BARRA	BRAZIL	21	300	700/3 ME	CUTTER	NO	2900 HP		oct/08
420	COSAN - UNIDADE BARRA	BRAZIL	21	300	700 ME	CUTTER	NO	1400 HP		oct/08
419	COSAN - UNIDADE IPALESSU	BRAZIL	16	260	500 ME	GENERATOR	NO	800 KW		sep/08
418	CARGILL	BRAZIL	42	410	RC550	BOILER PUMP	NO	1300 CV		sep/08
417	COSAN - UNIDADE SANTA HELENA	BRAZIL	21	300	800/3 ME	SHREDDER	NO	3400 HP		sep/08
416	CEC - ABENGOA SÃO JOÃO	BRAZIL	21	300	RC550	BOILER PUMP	NO	1200 CV		sep/08
415	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	325	700 ME	WATER PUMP	NO	1800 HP		sep/08
414	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	325	500 ME	MILL	NO	1000 HP		sep/08
413	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	325	800 ME	MILL	NO	2400 HP		sep/08

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
412	RAZENIPALUSSU	BRAZIL	21	325	700 ME	SHREDDER	NO	1000 HP		sep/08
411	USINA IACANGA	BRAZIL	45	450	RC550	BOILER PUMP	NO	530 HP		sep/08
410	DESTILARIA GRIZZO	BRAZIL	20	300	800 ME	GENERATOR	NO	1250 KW		sep/08
409	DESTILARIA GRIZZO	BRAZIL	20	300	800 ME	MLL	NO	1500 CV		sep/08
408	DESTILARIA GRIZZO	BRAZIL	20	300	500 ME	CUTTER	NO	1000 CV		sep/08
407	USINA CERRADÃO	BRAZIL	20	280	RC550	BOILER PUMP	NO	1200 CV		aug/08
406	DEDIN IND. BASE - ELEITROGOES	BRAZIL	21	300	SE500	BOILER PUMP	NO	350 CV	3.550	jul-08
405	DEDIN IND. BASE - ELEITROGOES	BRAZIL	21	300	SE500	BOILER PUMP	NO	350 CV	3.550	jul-08
404	DEDIN IND. BASE - SYMLÉ	BRAZIL	21	300	RC550	BOILER PUMP	NO	750 CV		jun-08
403	DEDIN IND. BASE - NOVA AMÉRICA CAARAPÓ	BRAZIL	21	350	RC850	BOILER PUMP	NO	1750 CV		jun-08
402	DEDIN IND. BASE - MONTEVERDE	BRAZIL	21	300	RC550	BOILER PUMP	NO	800 CV		jun-08
401	USINA SÃO FERNANDO	BRAZIL	15	300	RC850	BOILER PUMP	NO	2400 CV		jun-08
400	BIOCHAMM - VALE DO PARACATU	BRAZIL	21	260	SE500	BOILER PUMP	NO	510 CV	3.550	jun-08
399	USINA NARDIN	BRAZIL	21	340	RC770	BOILER PUMP	NO	1200 HP		may/08
398	CEC - LVARCEL CELULOSE	BRAZIL	32	380	SE500	BOILER PUMP	NO	650 CV	3.600	mai-08
397	BARDELLA - PETROBRAS REVAP	BRAZIL	15,2	250	SE500	WATER PUMP	YES - 611	112 KW	1.780	mai-08
396	DANPOWER - COCAMAR	BRAZIL	21	217	RC400	BOILER PUMP	NO	485 HP		may/08
395	VALE VERDE - ITAPOÁ	BRAZIL	20	290	MEGA 600	GENERATOR	NO	4000 KW		may/08
394	AVG SIDERURGIA	BRAZIL	43	425	MEGA 500 MC	GENERATOR	NO	2200 KW		apr/08
393	EQUIP. COOL - GUÁIRA	BRAZIL	21	330	RC770	BOILER PUMP	NO	1500 HP		apr/08
392	EQUIP. COOL - SÃO SIMÃO	BRAZIL	21	330	RC770	BOILER PUMP	NO	1350 HP		apr/08
391	BIOCHAMM - JALLES MACHADO	BRAZIL	42	260	RC550	BOILER PUMP	NO	1400 HP		apr/08
390	COSAN - UNIDADE BIVALCOOL	BRAZIL	20	280	500/3 ME	GENERATOR	NO	2000 KW		mar-08
389	USIMINAS - PETROBRAS REGAP	BRAZIL	16,5	225	SE500 LF	BLOWER	YES - 611	82 KW	6.000	jan-08
388	USIMINAS - PETROBRAS REGAP	BRAZIL	16,5	225	SE500 LF	BLOWER	YES - 611	65 KW	3.600	jan-08
387	DEDIN IND. BASE - NOROESTE PALLISTA	BRAZIL	21	300	RC850	BOILER PUMP	NO	2250 HP		jan-08
386	DEDIN IND. BASE - FERRARI	BRAZIL	21	300	RC770	BOILER PUMP	NO	1300 HP		jan-08
385	ARALCO S/A	BRAZIL	21	290	700 ME	MLL	NO	1200 HP		jan-08
384	EQUIP. COOL - VISTA ALEGRE	BRAZIL	42	420	RC550	BOILER PUMP	NO	1210 HP		nov-07
383	EQUIP. COOL - FLORALCO	BRAZIL	21	300	RC770	BOILER PUMP	NO	1210 HP		nov-07
382	EQUIP. COOL - COLOMBO III	BRAZIL	21	280	RC770	BOILER PUMP	NO	1400 HP		nov-07
381	COSAN - UNIDADE MUNDIAL	BRAZIL	21	290	800/3 ME	GENERATOR	NO	1500 KW		nov-07
380	USINA SANTA FÉ	BRAZIL	21	300	500/3 ME	MLL	NO	2200 HP		nov-07
379	EQUIP. COOL - BRANCO PERES	BRAZIL	21	300	RC400	BOILER PUMP	NO	300 HP		nov-07
378	ENERGÉTICA SERRA D'ÁGUA	BRAZIL	19	280	W703 ME	GENERATOR	NO	1600 KW		nov-07
377	VALE VERDE - ITAPOÁ	BRAZIL	21	300	MEGA 600	GENERATOR	NO	5000 KW		nov-07
376	USINA BATATAIS	BRAZIL	21	300	700/3 ME	GENERATOR	NO	2500 KW		out-07
375	AGUARDENTE SANTA LUZIA	BRAZIL	15	300	TURBO 55B	SHREDDER	NO	350 HP		out-07
374	ALMOXARIFADO	BRAZIL	18	300	TURBO 55B	CUTTER	NO	300 HP		out-07
373	ALMOXARIFADO	BRAZIL	18	300	TURBO 40A	MLL	NO	500 HP		out-07
372	COSAN - UNIDADE DESTIVALE	BRAZIL	20	290	700 ME	CUTTER	NO	1700 HP		out-07
371	USINA SANTA FÉ	BRAZIL	21	300	MEGA 600	SHREDDER	NO	6000 KW		sep/07
370	USINA SÃO LUÍZ - OURINHOS	BRAZIL	21	300	800 ME	MLL	NO	2300 HP		sep/07
369	USINA SANTAROSA - BOITUVA	BRAZIL	21	300	800 ME	GENERATOR	NO	1500 KW		sep/07
368	USINA SANTAROSA - BOITUVA	BRAZIL	21	300	800 ME	GENERATOR	NO	1500 KW		sep/07
367	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	800/3 ME	MLL	NO	3100 HP		sep/07
366	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	800/3 ME	MLL	NO	2500 HP		sep/07
365	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	800/3 ME	MLL	NO	2500 HP		sep/07
364	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	800/3 ME	CUTTER	NO	2500 HP		sep/07

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
363	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	700 ME	MLL	NO	1200 HP		sep/07
362	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	700 ME	MLL	NO	1200 HP		sep/07
361	COSAN - UNIDADE RAFARD	BRAZIL	21	300	800 ME	MLL	NO	2400 HP		sep/07
360	COSAN - UNIDADE RAFARD	BRAZIL	21	300	800 ME	MLL	NO	2400 HP		sep/07
359	CLEALCO - UNIDADE QLEBROZ	BRAZIL	21	300	RC550	WATERPUMP	NO	930 HP		aug/07
358	CLEALCO - UNIDADE QLEBROZ	BRAZIL	21	300	RC550	WATERPUMP	NO	930 HP		aug/07
357	CLEALCO - UNIDADE QLEBROZ	BRAZIL	21	300	RC550	WATERPUMP	NO	930 HP		aug/07
356	VALE VERDE - ITAPAOI	BRAZIL	21	300	MEGA500	SHREDDER	NO	4500 HP		aug/07
355	IRMÃOS BALDIN	BRAZIL	21	300	400 ME	MLL	NO	1200 HP		aug/07
354	IRMÃOS BALDIN	BRAZIL	21	300	400 ME	MLL	NO	1200 HP		aug/07
353	IRMÃOS BALDIN	BRAZIL	21	300	700 ME	GENERATOR	NO	1300 KW		aug/07
352	USINA SANTA FÉ	BRAZIL	20	290	500/3 ME	MLL	NO	2200 HP		aug/07
351	USINA SANTA FÉ	BRAZIL	21	290	500/3 ME	MLL	NO	2200 HP		aug/07
350	USINA SANTA FÉ	BRAZIL	21	290	500/3 ME	MLL	NO	2200 HP		aug/07
349	USINA SÃO MANOEL	BRAZIL	21	300	MEGA600	SHREDDER	NO	6500 HP		jul-07
348	COCAROL	BRAZIL	21	300	700/3 ME	MLL	NO	3300 HP		jul-07
347	COCAROL	BRAZIL	21	300	700/3 ME	MLL	NO	3300 HP		jul-07
346	DESTILARIA PILES	BRAZIL	16	280	400 ME	SHREDDER	NO	400 HP		jul-07
345	KSB BOMBAS	BRAZIL	42	440	RC550	WATERPUMP	NO	815 HP		jun-07
344	ARROZ FUMACENSE	BRAZIL	22	300	500 ME	GENERATOR	NO	1200 KW		may/07
343	DEDIN IND. BASE - AGRÊNCO CAARAPÓ	BRAZIL	21	216	RC400	BOILER PUMP	NO	550 HP		may/07
342	DEDIN IND. BASE - USINA RIO PARDO	BRAZIL	21	300	RC550	BOILER PUMP	NO	1200 HP		may/07
341	DEDIN IND. BASE - AGRÊNCO ALTO ARAGUAIA	BRAZIL	21	216	RC550	BOILER PUMP	NO	800 HP		may/07
340	DESTILARIA COLOSSO	BRAZIL	8	280	RC40CE	MLL	NO	220 HP		may/07
339	GECAL LTDA	BRAZIL	10	280	TURBO 40A	GENERATOR	NO	220 KW		may/07
338	INACESSÓRIOS INDUSTRIAIS	BRAZIL	21	300	800/3 ME	SHREDDER	NO	4000 HP		may/07
337	PETROBRAS - REPLAN	BRAZIL	13,5	245	SE500 LF	WATERPUMP	YES - 611	200 CV	6.000	mar-07
336	USINA ZANNI - UNIDADE PRATA	BRAZIL	42	420	400 MC	MLL	NO	1500 CV		apr/07
335	USINA ZANNI - UNIDADE PRATA	BRAZIL	42	420	400 MC	MLL	NO	1500 CV		apr/07
334	USINA ZANNI - UNIDADE PRATA	BRAZIL	42	420	400 MC	MLL	NO	1500 CV		apr/07
333	USINA ZANNI - UNIDADE PRATA	BRAZIL	42	420	400 MC	MLL	NO	1500 CV		apr/07
332	GOIASA GOIATUBA ALCOOL	BRAZIL	30	350	500 ME	MLL	NO	2412 HP		mar-07
331	GOIASA GOIATUBA ALCOOL	BRAZIL	30	350	500 ME	MLL	NO	2412 HP		mar-07
330	GOIASA GOIATUBA ALCOOL	BRAZIL	30	350	500 ME	MLL	NO	2412 HP		mar-07
329	GOIASA GOIATUBA ALCOOL	BRAZIL	30	350	500 ME	MLL	NO	2412 HP		mar-07
328	GOIASA GOIATUBA ALCOOL	BRAZIL	30	350	500 ME	MLL	NO	2412 HP		mar-07
327	GOIASA GOIATUBA ALCOOL	BRAZIL	30	350	MEGA500	SHREDDER	NO	6000 HP		mar-07
326	GOIASA GOIATUBA ALCOOL	BRAZIL	30	350	MEGA500	CUTTER	NO	3750 HP		mar-07
325	CLIMA SOLUÇÕES TÉRMICAS	BRAZIL	21	300	RC40CE	GENERATOR	NO	300 KW		mar-07
324	DESTILARIA COLOSSO	BRAZIL	8	280	RC40CE	SHREDDER	NO	150 HP		nov-06
323	VALE VERDE - ITAPAOI	BRAZIL	20	290	800 ME	MLL	NO	2200 HP		nov-06
322	VALE VERDE - ITAPAOI	BRAZIL	20	290	800 ME	MLL	NO	2200 HP		nov-06
321	VALE VERDE - ITAPAOI	BRAZIL	20	290	800 ME	MLL	NO	2200 HP		nov-06
320	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	700 ME	MLL	NO	1200 HP		nov-06
319	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	700 ME	MLL	NO	1200 HP		nov-06
318	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	700 ME	MLL	NO	1200 HP		nov-06
317	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	500 ME	CUTTER	NO	1000 HP		nov-06
316	COSAN - UNIDADE COSTA PINTO	BRAZIL	21	300	700 ME	CUTTER	NO	1200 HP		nov-06
315	COSAN - UNIDADE RAFARD	BRAZIL	21	335	800 ME	SHREDDER	NO	2400 HP		nov-06

**STEAM TURBINE REFERENCE LIST**

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
314	COSAN - UNIDADE RAFARD	BRAZIL	21	335	700 ME	CUTTER	NO	2000 HP		nov-06
313	COSAN - UNIDADE RAFARD	BRAZIL	21	335	700 ME	CUTTER	NO	1500 HP		nov-06
312	USINA CORUPIPE - CARNEIRINHO	BRAZIL	45	470	400 MC	BOILER PUMP	NO	700 HP		out-06
311	USINA BATATAIS	BRAZIL	21	300	RC550E	WATER PUMP	NO	600 HP		out-06
310	USINA PEDERNEIRAS - ZAMBANDO	BRAZIL	20	290	500 ME	WATER PUMP	NO	1200 HP		out-06
309	USINA PEDERNEIRAS - ZAMBANDO	BRAZIL	20	290	500 ME	CUTTER	NO	1000 HP		out-06
308	DESTILARIA GENERALCO	BRAZIL	20	290	400 ME	MLL	NO	1000 HP		sep-06
307	DESTILARIA GENERALCO	BRAZIL	20	290	400 ME	MLL	NO	1000 HP		sep-06
306	DESTILARIA GENERALCO	BRAZIL	20	290	400 ME	MLL	NO	1000 HP		sep-06
305	DESTILARIA GENERALCO	BRAZIL	20	290	400 ME	MLL	NO	1000 HP		sep-06
304	DESTILARIA GENERALCO	BRAZIL	20	290	400 ME	MLL	NO	1000 HP		sep-06
303	ARALCO - BURTAMA	BRAZIL	20	290	RC550E	WATER PUMP	NO	300 HP		sep-06
302	ARALCO - BURTAMA	BRAZIL	20	290	400 ME	WATER PUMP	NO	800 HP		sep-06
301	ARALCO - BURTAMA	BRAZIL	20	290	500 ME	MLL	NO	1000 HP		sep-06
300	ARALCO - BURTAMA	BRAZIL	20	290	500 ME	MLL	NO	1000 HP		nov-06
299	ARALCO - BURTAMA	BRAZIL	20	290	500 ME	MLL	NO	1000 HP		out-06
298	ARALCO - BURTAMA	BRAZIL	20	290	700 ME	SHREDDER	NO	1300 HP		out-06
297	ARALCO - BURTAMA	BRAZIL	20	290	500 ME	CUTTER	NO	1200 HP		out-06
296	ARALCO - BURTAMA	BRAZIL	20	290	MEGA500	GENERATOR	NO	3000 KW		out-06
295	ARALCO - BURTAMA	BRAZIL	20	290	800/3 ME	GENERATOR	NO	3000 KW		set-06
294	DEDIN IND BASE - ARGOS COLÔMBIA	COLOMBIA	46	440	RC400	BOILER PUMP	NO	350 HP		set-06
293	DEDIN IND BASE - ARGOS COLÔMBIA	COLOMBIA	46	440	RC400	BOILER PUMP	NO	350 HP		set-06
292	DEDIN IND BASE - ARGOS COLÔMBIA	COLOMBIA	46	440	RC400	BOILER PUMP	NO	350 HP		set-06
291	ABENGOA - SÃO JOÃO	BRAZIL	21	300	800/3 ME	MLL	NO	4000 HP		set-06
290	ABENGOA - SÃO JOÃO	BRAZIL	21	300	800/3 ME	MLL	NO	4000 HP		set-06
289	UNACESSÓRIOS INDUSTRIAIS	BRAZIL	20	290	500 ME	MLL	NO	1400 HP		set-06
288	FERRARI AGROINDÚSTRIA	BRAZIL	21	290	MEGA600	GENERATOR	NO	6000 KW		set-06
287	ARALCO S/A	BRAZIL	21	290	700 ME	MLL	NO	1000 HP		jul-06
286	ARALCO S/A	BRAZIL	21	290	700 ME	MLL	NO	1000 HP		jul-06
285	ARALCO S/A	BRAZIL	21	290	800/3 ME	GENERATOR	NO	1800 KW		jul-06
284	ARALCO S/A	BRAZIL	21	290	MEGA500	GENERATOR	NO	3000 KW		jul-06
283	ARALCO S/A	BRAZIL	21	290	MEGA500	SHREDDER	NO	3100 HP		jul-06
282	ARALCO S/A	BRAZIL	21	290	MEGA500	CUTTER	NO	3000 HP		jul-06
281	CALDEMA - FURLANAVARÉ	BRAZIL	21	310	SE500	BOILER PUMP	NO	350 HP	3.500	jul-06
280	DESTILARIA GENERALCO	BRAZIL	21	290	700 ME	SHREDDER	NO	1600 HP		jul-06
279	DESTILARIA GENERALCO	BRAZIL	21	290	800/3 ME	GENERATOR	NO	3000 KW		jul-06
278	USINA SANTA FÉ	BRAZIL	21	300	500 ME	MLL	NO	1600 HP		jul-06
277	VALE VERDE - ITAPAOI	BRAZIL	20	290	W703 ME	MLL	NO	1000 HP		jun-06
276	VALE VERDE - ITAPAOI	BRAZIL	20	290	W703 ME	MLL	NO	1000 HP		jun-06
275	VALE VERDE - ITAPAOI	BRAZIL	20	290	W703 ME	MLL	NO	1000 HP		jun-06
274	BEMERASIL ALIMENTOS	BRAZIL	21	216	RC400E	WATER PUMP	NO	250 HP		jun-06
273	UNACESSÓRIOS INDUSTRIAIS - COCAROL	BRAZIL	21	300	RC400E	WATER PUMP	NO	450 HP		jun-06
272	QI ENERGÉTICA MORENO	BRAZIL	21	300	RC550E	MLL	NO	1200 HP		may-06
271	EQUIPALCOOL - DELLA COLETA	BRAZIL	21	320	RC400E	WATER PUMP	NO	400 HP		may-06
270	ENERGÉTICA SERRANÓPOLIS	BRAZIL	21	270	W703 ME/3	GENERATOR	NO	2000 KW		apr-06
269	COSAN - UNIDADE BOM RETIRO	BRAZIL	21	300	RC400E	WATER PUMP	NO	350 HP		feb-06
268	CESPT	BRAZIL	21	280	RC400E	CUTTER	NO	300 HP		jan-06
267	CESPT	BRAZIL	21	280	RC550	SHREDDER	NO	350 HP		jan-06
266	CESPT	BRAZIL	21	280	RC550	MLL	NO	300 HP		jan-06

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
265	DESTILARIA AGROPEU	BRAZIL	21	280	700 ME	MILL	NO	800 HP		dec/05
264	USINA DACALDA	BRAZIL	20	290	700/3 ME	GENERATOR	NO	2400 KW		dec/05
263	USINA DACALDA	BRAZIL	20	290	500 ME	SHREDDER	NO	1200 HP		dec/05
262	USINA SÃO MANDEL	BRAZIL	20	300	500/3 ME	MILL	NO	1100 HP		dec/05
261	USINA SÃO MANDEL	BRAZIL	20	300	500/3 ME	MILL	NO	1100 HP		dec/05
260	USINA SÃO MANDEL	BRAZIL	20	300	500/3 ME	MILL	NO	1100 HP		dec/05
259	USINA SÃO MANDEL	BRAZIL	20	300	500/3 ME	MILL	NO	1100 HP		dec/05
258	USINA SÃO MANDEL	BRAZIL	20	300	500/3 ME	MILL	NO	1100 HP		dec/05
257	USINA SÃO MANDEL	BRAZIL	20	300	500/3 ME	MILL	NO	1100 HP		dec/05
256	COOPERB	BRAZIL	20	280	RC55CE	WATER PUMP	NO	300 HP		dec/05
255	COOPERB	BRAZIL	20	280	500 ME	CUTTER	NO	1800 HP		dec/05
254	USINA SANTA ROSA - BOITUVA	BRAZIL	21	350	500 ME	SHREDDER	NO	1300 HP		dec/05
253	USINA PEDERNEIRAS - ZAMBANDÓ	BRAZIL	19	290	800/3 ME	GENERATOR	NO	3000 KW		dec/05
252	DESTILARIA PARANAPANEMA - ALBERTINA	BRAZIL	19	280	400 ME	SHREDDER	NO	1200 HP		nov-05
251	UNACESSÓRIOS INDUSTRIAIS	BRAZIL	21	300	800/3 ME	GENERATOR	NO	3000 KW		oct/05
250	EQUIPALCOOL - ÁGUA BONTA	BRAZIL	45	450	RC400	BOILER PUMP	NO	500 HP		sep/05
249	USINA SÃO MANDEL	BRAZIL	20	300	RC55CE	MILL	NO	1500 HP		sep/05
248	ALCOMAT	BRAZIL	21	300	800/3 ME	GENERATOR	NO	3000 KW		aug/05
247	USINA BATATAIS	BRAZIL	20	290	400 ME	MILL	NO	900 CV		aug/05
246	USINA BATATAIS	BRAZIL	20	290	400 ME	MILL	NO	900 CV		aug/05
245	USINA BATATAIS	BRAZIL	20	290	400 ME	MILL	NO	900 CV		ago-05
244	PTZ - URBANO	BRAZIL	21	300	RC850	GENERATOR	NO	1600 KW		jul-05
243	EQUIPALCOOL - COLOMBO I	BRAZIL	45	450	RC550	BOILER PUMP	NO	800 HP		jun-05
242	USINA COLOMBO	BRAZIL	21	350	MEGA600	GENERATOR	NO	2500 KW		mai-05
241	ABM COMÉRCIO INTERNACIONAL - TANZÂNIA	AFRICA	21	350	RC400	BOILER PUMP	NO	450 HP		mai-05
240	USINA BATATAIS - UNDADELINS	BRAZIL	20	300	500 ME	MILL	NO	700 HP		mar-05
239	USINA BATATAIS - UNDADELINS	BRAZIL	20	300	500 ME	MILL	NO	700 HP		mar-05
238	USINA BATATAIS - UNDADELINS	BRAZIL	20	300	500 ME	MILL	NO	700 HP		mar-05
237	USINA BATATAIS - UNDADELINS	BRAZIL	20	300	500 ME	MILL	NO	700 HP		mar-05
236	USINA BATATAIS - UNDADELINS	BRAZIL	20	300	800/3 ME	SHREDDER	NO	2000 HP		mar-05
235	USINA BATATAIS - UNDADELINS	BRAZIL	20	300	500 ME	CUTTER	NO	1250 HP		mar-05
234	USINA BATATAIS - UNDADELINS	BRAZIL	20	300	MEGA600	GENERATOR	NO	6500 KW		mar-05
233	AÇUCAR BEIRA QUATÁ	BRAZIL	42	400	W703 MC3	MILL	NO	1200 CV		mar-05
232	USINA SEIS LAGOAS	BRAZIL	21	300	W703 MC3	EXHAUST FAN	NO	400 CV		mar-05
231	COSAN - UNDADE DESTIVALE	BRAZIL	19	280	RC40CE	WATER PUMP	NO	500 CV		mar-05
230	DESTILARIA GRANELLI	BRAZIL	9	250	RC40CE	CUTTER	NO	500 HP		mar-05
229	DESTILARIA GRANELLI	BRAZIL	9	250	TURBO 55B	MILL	NO	280 HP		mar-05
228	DESTILARIA BATISTELA	BRAZIL	8,4	300	TURBO 55B	CUTTER	NO	300 HP		mar-05
227	EMA AGRO INDÚSTRIA	BRAZIL	8,4	280	TURBO 55B	CUTTER	NO	250 HP		mar-05
226	DEON IND. BASE - PAGRISA	BRAZIL	21	300	RC400	BOILER PUMP	NO	250 HP		jan-05
225	USINA JACAREZINHO	BRAZIL	20	280	800 ME	SHREDDER	NO	2300 HP		dec/04
224	USINA JACAREZINHO	BRAZIL	20	280	800 ME	CUTTER	NO	2300 HP		dec/04
221	USINA SANTA MARIA	BRAZIL	31	330	400 ME	MILL	NO	1000 HP		dec/04
220	USINA SANTA MARIA	BRAZIL	31	330	400 ME	MILL	NO	1000 HP		dec/04
219	USINA SANTA MARIA	BRAZIL	31	330	400 ME	MILL	NO	1000 HP		dec/04
218	USINA SANTA MARIA	BRAZIL	31	330	400 ME	MILL	NO	1000 HP		dec/04
217	COSAN - UNDADE BOM RETIRO	BRAZIL	20	280	500 ME	CUTTER	NO	1500 HP		dec/04
216	A CAYLME - GUYANA INGLESA	BRAZIL	21	300	400 ME	GENERATOR	NO	600 KW		nov-04
215	USINA SANTA CRUZ - OMETO PAVAN	BRAZIL	20	280	700 ME	CUTTER	NO	2300 HP		nov-04

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
214	USINA SANTA CRUZ - OMETTO PAVAN	BRAZIL	20	280	700 ME	CUTTER	NO	1800 HP		nov-04
213	JINACESSÓRIOS INDUSTRIAIS - MALOSSO	BRAZIL	20	280	400 ME	MLL	NO	500 HP		nov-04
212	USINA BATATAIS	BRAZIL	20	280	400 ME	EXHAUST FAN	NO	450 HP		nov-04
211	CENTRAL ENERGETICA VICENTINA	BRAZIL	20	280	400 ME	WATER PUMP	NO	460 HP		nov-04
210	COSAN - UNIDADE UNVALEN	BRAZIL	21	300	400 ME	WATER PUMP	NO	750 HP		nov-04
209	ABENGOA - SÃO JOÃO	BRAZIL	21	300	500 ME	GENERATOR	NO	3000 KW		oct/04
208	ABENGOA - SÃO JOÃO	BRAZIL	21	300	500 ME	MLL	NO	1000 HP		oct/04
207	ABENGOA - SÃO JOÃO	BRAZIL	21	300	500 ME	MLL	NO	1000 HP		oct/04
206	ABENGOA - SÃO JOÃO	BRAZIL	21	300	500 ME	MLL	NO	1000 HP		oct/04
205	ALCOESTE BIOENERGIA	BRAZIL	30	330	500/3 ME	CUTTER	NO	2000 HP		oct/04
204	ALPASA PARAGUAY - COVEMAT	BRAZIL	30	330	800/3 ME	GENERATOR	NO	3000 KW		oct/04
203	ALCOESTE BIOENERGIA	BRAZIL	30	330	800/3 ME	SHREDDER	NO	1600 HP		oct/04
202	ALCOESTE BIOENERGIA	BRAZIL	30	330	800 ME	CUTTER	NO	2200 HP		oct/04
201	USINA SANTA FÉ	BRAZIL	21	300	800/3 ME	SHREDDER	NO	3500 KW		ago-04
200	FERRARI AGROINDÚSTRIA	BRAZIL	19	280	500 ME	MLL	NO	1200 HP		out-04
199	WERUNELLI	BRAZIL	16	260	RC770	MLL	NO	600 HP		jul-04
198	ALCANA	BRAZIL	20	280	RC550	WATER PUMP	NO	350 HP		mai-04
197	NOVO MILÊNIO	BRAZIL	19	280	500 ME	SHREDDER	NO	1400 HP		dec/20
196	USINA CORURUPE - LIMERA DO OESTE	BRAZIL	21	355	500 ME	MLL	NO	600 HP		may/04
195	USINA CORURUPE - LIMERA DO OESTE	BRAZIL	21	355	500 ME	MLL	NO	600 HP		may/04
194	USINA CORURUPE - LIMERA DO OESTE	BRAZIL	21	355	500 ME	MLL	NO	600 HP		may/04
193	USINA CORURUPE - LIMERA DO OESTE	BRAZIL	21	355	500 ME	MLL	NO	600 HP		may/04
192	USINA CORURUPE - LIMERA DO OESTE	BRAZIL	21	355	700 ME	SHREDDER	NO	1500 HP		may/04
191	USINA CORURUPE - LIMERA DO OESTE	BRAZIL	21	355	700 ME	CUTTER	NO	1200 HP		may/04
190	USINA CORURUPE - LIMERA DO OESTE	BRAZIL	21	355	MEGA600	GENERATOR	NO	5000 KW		may/04
189	COSAN - UNIDADE DOS CÔRREGOS	BRAZIL	21	300	RC40CE	WATER PUMP	NO	440 HP		apr/04
188	AZÓIA	BRAZIL	16	280	700 ME	GENERATOR	NO	1000 KVA		feb/04
187	FERRARI AGROINDÚSTRIA	BRAZIL	18	280	RC40CE	WATER PUMP	NO	350 HP		jan-04
186	FERRARI AGROINDÚSTRIA	BRAZIL	19	280	TURBO55B	EXHAUST FAN	NO	350 HP		dec/03
185	EMA AGROINDÚSTRIA	BRAZIL	8	220	TURBO55B	MLL	NO	200 CV		dec/03
184	DESTILARIA ÁGUA BONTA	BRAZIL	45	450	RC400	BOILER PUMP	NO	400 CV		dec/03
183	DEDIN IND. BASE - GOIASA	BRAZIL	30	350	RC550	BOILER PUMP	NO	1000 CV		dec/03
182	USINA JACAREZINHO	BRAZIL	21	280	700/3 ME	GENERATOR	NO	2400 KW		dec/03
181	USINA JACAREZINHO	BRAZIL	21	280	700 ME	GENERATOR	NO	2400 KW		nov-03
180	DESTILARIA AGROPEU	BRAZIL	20	300	MEGA600	GENERATOR	NO	5500 KW		nov-03
179	COSAN - UNIDADE BOM RETIRO	BRAZIL	20	280	500 ME	SHREDDER	NO	1400 HP		nov-03
178	USINA BATATAIS	BRAZIL	19	280	500 ME	WATER PUMP	NO	1200 HP		nov-03
177	DESTILARIA ANDRADE	BRAZIL	19	290	700 ME	CUTTER	NO	2500 HP		nov-03
176	DESTILARIA ANDRADE	BRAZIL	19	290	800 ME	CUTTER	NO	2800 HP		nov-03
175	DESTILARIA ÁGUA BONTA	BRAZIL	16	270	RC550	SHREDDER	NO	700 HP		oct/03
174	USINA SANTA FÉ	BRAZIL	21	300	800/3 ME	GENERATOR	NO	1700 KW		oct/03
173	USINA SANTA FÉ	BRAZIL	21	300	500 ME	SHREDDER	NO	1200 HP		oct/03
172	USINA SANTA FÉ	BRAZIL	21	300	500 ME	CUTTER	NO	1200 HP		aug/03
171	USINA BATATAIS	BRAZIL	20	300	800/3 ME	GENERATOR	NO	3000 KW		aug/03
170	DEDIN IND. BASE - COSANIBATÉ	BRAZIL	20	300	RC550	BOILER PUMP	NO	500 CV		aug/03
169	USINA PEDERNEIRAS - ZAMBANDO	BRAZIL	20	300	RC550	SHREDDER	NO	700 HP		aug/03
168	LOUIS DREYFOUS - ENGENHEIRO COELHO	BRAZIL	42	420	MEGA600	GENERATOR	NO	4000 KW	6.000	jul-03
167	DESTILARIA ÁGUA BONTA	BRAZIL	20	300	500 ME	MLL	NO	1000 HP		sep/03
166	DESTILARIA PILES	BRAZIL	20	300	800 ME	GENERATOR	NO	1000 KW		jul-03

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
165	TERMOELÉTRICA	BRAZIL	20	300	800/3 ME	GENERATOR	NO	3000 KW		jun-03
164	USINA IPIRANGA - DESCALVADO	BRAZIL	20	300	800 ME	GENERATOR	NO	1500 KW		may/03
163	USINA IPIRANGA - DESCALVADO	BRAZIL	20	300	500 ME	MILL	NO	1000 HP		may/03
162	USINA IPIRANGA - DESCALVADO	BRAZIL	20	300	500 ME	MILL	NO	1000 HP		may/03
161	USINA IPIRANGA - DESCALVADO	BRAZIL	20	300	500 ME	SHREDDER	NO	1000 HP		may/03
160	USINA IPIRANGA - DESCALVADO	BRAZIL	20	300	500 ME	CUTTER	NO	1000 HP		may/03
159	USINA IPIRANGA - MOCOCA	BRAZIL	20	300	500 ME	MILL	NO	1100 HP		may/03
158	USINA IPIRANGA - MOCOCA	BRAZIL	20	300	500 ME	MILL	NO	1100 HP		may/03
157	USINA IPIRANGA - MOCOCA	BRAZIL	20	300	500 ME	MILL	NO	600 HP		may/03
156	USINA IPIRANGA - MOCOCA	BRAZIL	20	300	500 ME	SHREDDER	NO	1300 HP		may/03
155	USINA IPIRANGA - MOCOCA	BRAZIL	20	300	500 ME	CUTTER	NO	1300 HP		may/03
154	USINA IPIRANGA - MOCOCA	BRAZIL	20	300	800/3 ME	GENERATOR	NO	3300 KW		may/03
153	PETROBRAS - REDUC	BRAZIL	10	200	RC770	WATER PUMP	NO	410 HP		mar-03
152	DESTILARIA PARAGUAÇÚ	BRAZIL	20	290	800 ME	GENERATOR	NO	1200 KW		dec/02
151	USINA SANTA FÉ	BRAZIL	20	290	500 ME	MILL	NO	1000 HP		dec/02
150	USINA SANTA FÉ	BRAZIL	20	290	700 ME	MILL	NO	2000 HP		dec/02
149	USINA SANTA FÉ	BRAZIL	20	290	700 ME	MILL	NO	2000 HP		dec/02
148	DESTILARIA ANDRADE	BRAZIL	20	290	RC550	BOILER PUMP	NO	900 HP		dec/02
147	ABENGOA - SÃO JOÃO	BRAZIL	20	290	500 ME	MILL	NO	1000 HP		nov-02
146	ABENGOA - SÃO JOÃO	BRAZIL	20	290	800/3 ME	SHREDDER	NO	3300 HP		nov-02
145	ABENGOA - SÃO JOÃO	BRAZIL	20	290	800/3 ME	CUTTER	NO	3300 HP		nov-02
144	DESTILARIA AGROPEU	BRAZIL	20	290	700 ME	SHREDDER	NO	715 HP		nov-02
143	DESTILARIA AGROPEU	BRAZIL	20	290	700 ME	SHREDDER	NO	715 HP		nov-02
142	DESTILARIA AGROPEU	BRAZIL	20	290	800 ME	GENERATOR	NO	1200 KW		nov-02
141	DESTILARIA PARAGUAÇÚ	BRAZIL	20	290	500 ME	CUTTER	NO	1200 HP		nov-02
140	DESTILARIA DIANA	BRAZIL	19	280	800 ME	GENERATOR	NO	1200 KW		oct/02
139	USINA SÃO LUÍZ - OURINHOS	BRAZIL	20	290	800 ME	CUTTER	NO	2400 HP		oct/02
138	USINA SÃO LUÍZ - OURINHOS	BRAZIL	20	290	800 ME	CUTTER	NO	2400 HP		oct/02
137	USINA COLOMBO	BRAZIL	30	320	RC550	BOILER PUMP	NO	1100 HP		aug/02
136	ENGENHO SÃO PEDRO	BRAZIL	17	260	RC400	GENERATOR	NO	500 KW		nov-02
135	USINA COLOMBO	BRAZIL	19	280	500 ME	MILL	NO	480 HP		jun-02
134	USINA COLOMBO	BRAZIL	19	280	500 ME	MILL	NO	900 HP		jun-02
133	USINA COLOMBO	BRAZIL	19	280	500 ME	SHREDDER	NO	990 HP		jun-02
132	USINA COLOMBO	BRAZIL	19	280	500 ME	CUTTER	NO	2400 HP		jun-02
131	USINA PETREBÚ	BRAZIL	21	300	RC550	BOILER PUMP	NO	750 HP		may/02
130	LOUIS DREYFOUS - ESTIVAS	BRAZIL	42	420	500 ME	MILL	NO	1000 HP		jan-02
129	USINA CORURIBE	BRAZIL	19	300	500 ME	DOUBLE CUTTER	NO	1000 HP		dez-01
128	USINA CORURIBE	BRAZIL	19	300	500 ME	BOILER PUMP	NO	1000 HP		dez-01
127	USINA CORURIBE	BRAZIL	19	300	800 ME	CUTTER	NO	2250 HP		dez-01
126	USINA SANTO ANTONIO - BALBO	BRAZIL	21	290	RC550	BOILER PUMP	NO	240 HP		dez-01
125	GRAMAME - GIASA	BRAZIL	42	420	500 ME	MILL	NO	1200 HP		dez-01
124	USINA BATATAIS	BRAZIL	19	280	500 ME	SHREDDER	NO	1200 HP		nov-01
123	DESTILARIA ÁGUA BONTA	BRAZIL	20	290	800/3 ME	GENERATOR	NO	3500 KW		nov-01
122	DESTILARIA PILES	BRAZIL	18	280	RC850	GENERATOR	NO	1200 KW		out-01
121	DESTILARIA DIANA	BRAZIL	19	290	800 ME	GENERATOR	NO	1200 HP		out-01
120	ABENGOA - SÃO JOÃO	BRAZIL	20	300	800 ME	MILL	NO	2000 HP		aug/01
119	ABENGOA - SÃO JOÃO	BRAZIL	20	300	800 ME	MILL	NO	2000 HP		aug/01
118	USINA SÃO FRANCISCO - BALBO	BRAZIL	20	300	800 ME	MILL	NO	1500 HP		jul-01
117	USINA SÃO FRANCISCO - BALBO	BRAZIL	20	300	800 ME	MILL	NO	1500 HP		jul-01

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
116	USINA SÃO FRANCISCO - BALBO	BRAZIL	20	300	800 ME	MILL	NO	1500 HP		jul-01
115	USINA SÃO FRANCISCO - BALBO	BRAZIL	20	300	700 ME	SHREDDER	NO	1200 HP		jul-01
114	USINA SÃO FRANCISCO - BALBO	BRAZIL	20	300	700 ME	CUTTER	NO	1200 HP		jul-01
113	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	BOILER PUMP	NO	900 HP		jul-01
112	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	MILL	NO	1200 HP		jul-01
111	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	MILL	NO	1200 HP		jul-01
110	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	MILL	NO	1200 HP		jul-01
109	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	MILL	NO	1200 HP		jul-01
108	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	MILL	NO	1200 HP		jul-01
107	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	MILL	NO	1200 HP		jul-01
106	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	800 ME	SHREDDER	NO	2500 HP		jul-01
105	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	700 ME	CUTTER	NO	2500 HP		jul-01
104	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	500 ME	CUTTER	NO	1200 HP		jul-01
103	GRAMAME - GIASA	BRAZIL	42	420	RC400	BOILER PUMP	NO	300 CV		jul-01
102	USINA NARDIN	BRAZIL	20	290	500 ME	MILL	NO	1100 HP		jul-01
101	USINA NARDIN	BRAZIL	20	290	500 ME	MILL	NO	1100 HP		jul-01
100	USINA NARDIN	BRAZIL	20	290	500 ME	MILL	NO	1100 HP		jul-01
99	USINA NARDIN	BRAZIL	20	290	500 ME	MILL	NO	1100 HP		jul-01
98	USINA NARDIN	BRAZIL	20	290	500 ME	CUTTER	NO	1100 HP		jul-01
97	USINA NARDIN	BRAZIL	20	290	800 ME	CUTTER	NO	2100 HP		jul-01
96	USINA CORURIBE	BRAZIL	20	280	500 ME	MILL	NO	1000 HP		mar-00
95	USINA CORURIBE	BRAZIL	20	280	800 ME	SHREDDER	NO	2000 HP		dec/00
94	COSAN - UNIDADE BOM RETIRO	BRAZIL	19	290	800 ME	GENERATOR	NO	1200 KW		nov-00
93	COSAN - UNIDADE BOM RETIRO	BRAZIL	19	290	800 ME	GENERATOR	NO	1200 KW		nov-00
92	COSAN - UNIDADE BOM RETIRO	BRAZIL	19	290	800 ME	GENERATOR	NO	1200 KW		nov-00
91	USINA SÃO JOÃO - ARARAS	BRAZIL	18	280	TURBO 55B	EXHAUST FAN	NO	500 HP		nov-00
90	USINA SÃO JOÃO - ARARAS	BRAZIL	18	280	TURBO 55B	EXHAUST FAN	NO	500 HP		nov-00
89	USINA SÃO JOÃO - ARARAS	BRAZIL	18	280	TURBO 55B	EXHAUST FAN	NO	500 HP		nov-00
88	USINA SÃO JOÃO - ARARAS	BRAZIL	18	280	TURBO 55B	EXHAUST FAN	NO	400 HP		nov-00
87	USINA SÃO JOÃO - ARARAS	BRAZIL	18	280	TURBO 55B	EXHAUST FAN	NO	400 HP		nov-00
86	USINA SÃO JOÃO - ARARAS	BRAZIL	18	280	800 ME	SHREDDER	NO	2300 HP		nov-00
85	USINA SÃO JOÃO - ARARAS	BRAZIL	18	280	800 ME	CUTTER	NO	2300 HP		nov-00
84	USINA DA PEDRA	BRAZIL	19	280	800 ME	DOUBLE CUTTER	NO	2500 HP		oct/00
83	USINA BATATAIS	BRAZIL	20	290	800 ME	MILL	NO	1500 HP		sep/00
82	USINA BATATAIS	BRAZIL	20	290	800 ME	GENERATOR	NO	1500 KW		nov-01
81	DESTILARIA ÁGUA BONTA	BRAZIL	18	280	800 ME	GENERATOR	NO	1500 KW		aug/00
80	DESTILARIA VIRALCOOL	BRAZIL	20	290	500 ME	MILL	NO	1000 HP		may/00
79	DESTILARIA VIRALCOOL	BRAZIL	20	290	800 ME	MILL	NO	2000 HP		may/00
78	DESTILARIA VIRALCOOL	BRAZIL	20	290	800 ME	MILL	NO	2000 HP		mai-00
77	USINA ALVORADA - ITUMBARA	BRAZIL	18	280	MEGA 600	GENERATOR	NO	3000 KW		mar-00
76	USINA SÃO LUÍZ - OURINHOS	BRAZIL	21	300	TURBO 40A	BOILER PUMP	NO	520 HP		mar-00
75	DESTILARIA SANTAINÊS	BRAZIL	18	280	500 ME	CUTTER	NO	700 HP		jan-00
74	DESTILARIA RIO DO CACHIMBO	BRAZIL	15	200	500 ME	GENERATOR	NO	1000 KW		dec/99
73	USINA SÃO LUÍZ - OURINHOS	BRAZIL	21	300	TURBO 55B	BOILER PUMP	NO	650 HP		oct/99
72	ARALCO S/A	BRAZIL	19	280	RC770	DOUBLE CUTTER	NO	2000 HP		jan-99
71	USINA FURLAN - AVARÉ	BRAZIL	21	300	800 ME	CUTTER	NO	1700 HP		nov-98
70	USINA CORURIBE - ITURAMA	BRAZIL	21	300	RC550	BOILER PUMP	NO	450 HP		oct/98
69	USINA BATATAIS	BRAZIL	21	290	RC550	CUTTER	NO	800 HP		oct/98
68	USINA SANTO ANTONO - BALBO	BRAZIL	20	300	RC770	MILL	NO	1400 HP		jul-98

STEAM TURBINE REFERENCE LIST

Nº	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
67	DESTILARIA COOPCANA	BRAZIL	19	280	700 ME	SHREDDER	NO	1500 HP		feb/98
66	DESTILARIA COOPCANA	BRAZIL	19	280	800 ME	GENERATOR	NO	2200 KW		feb/98
65	COGAN - UNIDADE RAFARD	BRAZIL	19	300	RC850ME	SHREDDER	NO	3000 HP		jan-98
64	USINA SANTA CÂNDIDA	BRAZIL	20	290	TURBO 55B	EXHAUST FAN	NO	600 HP		dec/97
63	USINA SÃO LUÍZ - OURINHOS	BRAZIL	19	300	RC850	GENERATOR	NO	1200 KW		dec/97
62	DESTILARIA ANDRADE	BRAZIL	20	290	800/3 ME	GENERATOR	NO	2300 KW		dec/97
61	USINA SÃO FRANCISCO - BALBO	BRAZIL	21	300	TURBO 55B	BOILER PUMP	NO	480 HP		oct/97
60	QIA ENERGÉTICA MORENO	BRAZIL	20	290	RC550	BOILER PUMP	NO	950 HP		dec/96
59	USINA SÃO GERALDO	BRAZIL	20	300	700 ME	CUTTER	NO	1800 HP		dec/96
58	FERRARI AGROINDÚSTRIA	BRAZIL	19	280	TURBO 55B	EXHAUST FAN	NO	400 HP		oct/96
57	USINA SANTO ANTONIO - BALBO	BRAZIL	18	280	TURBO 55B	EXHAUST FAN	NO	400 HP		oct/96
56	COGAN - UNIDADE IPALUSSU	BRAZIL	20	300	RC770	MILL	NO	1200 HP		jul-96
55	USINA JACIARA	BRAZIL	20	300	800/3 ME	GENERATOR	NO	3000 KW		jan-96
54	ARALCO S/A	BRAZIL	20	280	800 ME	GENERATOR	NO	2000 KW		dec/95
53	USINA SÃO LUÍZ - OURINHOS	BRAZIL	19	280	TURBO 40A	BOILER PUMP	NO	520 HP		nov-95
52	DESTILARIA CAMAÇARI	BRAZIL	21	300	700 ME	CUTTER	NO	450 HP		mar-95
51	DESTILARIA COOPCANA	BRAZIL	20	280	RC770	MILL	NO	1300 HP		nov-94
50	DESTILARIA COOPCANA	BRAZIL	19	280	RC770	SHREDDER	NO	1500 HP		nov-94
49	DESTILARIA COOPCANA	BRAZIL	19	280	RC770	CUTTER	NO	1200 HP		nov-94
48	DESTILARIA COOPCANA	BRAZIL	19	280	800 ME	GENERATOR	NO	2000 KW		oct/94
47	USINA SÃO LUÍZ - OURINHOS	BRAZIL	21	300	TURBO 55B	EXHAUST FAN	NO	300 HP		oct/94
46	ENGENHO SÃO PEDRO	BRAZIL	20	300	TURBO 55B	EXHAUST FAN	NO	550 HP		oct/94
45	USINA CORUIPE - ITURAMA	BRAZIL	20	300	800 ME	GENERATOR	NO	1200 HP		oct/94
44	USINA SÃO GERALDO	BRAZIL	18	280	700 ME	SHREDDER	NO	1700 HP		sep/94
43	DESTILARIA ÁGUA BONTA	BRAZIL	18	280	TURBO 40A	MILL	NO	550 HP		aug/94
42	DESTILARIA VIRALCOOL	BRAZIL	30	380	MEGA 600	GENERATOR	NO	5000 KW	6.000	dec/93
41	USINA SÃO JOSÉ - RIO DAS PEDRAS	BRAZIL	18	280	800 ME	GENERATOR	NO	1200 KW		dec/93
40	USINA DA PEDRA	BRAZIL	19	280	700 ME	WATER PUMP	NO	1800 HP		aug/93
39	DESTILARIA SANTA INÊS	BRAZIL	18	280	500 ME	MILL	NO	1000 HP		aug/93
38	DESTILARIA VIRALCOOL	BRAZIL	20	290	500 ME	CUTTER	NO	1000 HP		aug/93
37	DESTILARIA VIRALCOOL	BRAZIL	20	290	500 ME	MILL	NO	750 HP		aug/93
36	DESTILARIA VIRALCOOL	BRAZIL	20	290	500 ME	SHREDDER	NO	1000 HP		feb/93
35	USINA IRACEMA	BRAZIL	19	280	800 ME	MILL	NO	2200 HP		dec/92
34	USINA IRACEMA	BRAZIL	19	280	800 ME	MILL	NO	2200 HP		dec/92
33	DESTILARIA PILES	BRAZIL	15	200	TURBO 55B	MILL	NO	400 HP		dec/92
32	DESTILARIA VIRALCOOL	BRAZIL	20	290	500 ME	MILL	NO	500 HP		out-92
31	USINA SANTA CRUZ - CAPIVARI	BRAZIL	17	270	800/3 ME	GENERATOR	NO	3000 KW		out-92
30	DESTILARIA CAMAÇARI	BRAZIL	19	280	800 ME	GENERATOR	NO	1200 KW		jul-92
29	SINER - ARROZ BREJEIRO	BRAZIL	22	300	800 ME	GENERATOR	NO	800 KW		fev-92
28	USINA SANTA CRUZ - CAPIVARI	BRAZIL	17	270	RC400	EXHAUST FAN	NO	400 HP		jan-92
27	USINA IRACEMA	BRAZIL	19	280	800 ME	SHREDDER	NO	2300 HP		dec/91
26	USINA IRACEMA	BRAZIL	19	280	800 ME	SHREDDER	NO	2300 HP		dec/91
25	USINA SÃO JOSÉ - RIO DAS PEDRAS	BRAZIL	18	280	800 ME	MILL	NO	1600 HP		nov-91
24	USINA SÃO JOSÉ - RIO DAS PEDRAS	BRAZIL	18	280	800 ME	GENERATOR	NO	1200 HP		nov-91
23	USINA SERESTA	BRAZIL	18	280	800 ME	CUTTER	NO	1400 HP		jun-91
22	USINA SERESTA	BRAZIL	18	280	800 ME	SHREDDER	NO	1400 HP		jun-91
21	DESTILARIA VIRALCOOL	BRAZIL	20	290	800 ME	MILL	NO	1600 HP		jan-91
20	DESTILARIA VIRALCOOL	BRAZIL	20	290	800 ME	GENERATOR	NO	1200 KW		jan-91
19	USINA BATATAIS	BRAZIL	21	300	RC550	WATER PUMP	NO	500 HP		oct/91

STEAM TURBINE REFERENCE LIST

N°	CUSTOMER	COUNTRY OF INSTALLATION	Inlet Pressure (barG)	Inlet Temp. (°C)	TURBINE SIZE	DRIVEN EQUIPMENT	API COMPLIANT	POWER	SPEED (rpm)	PROJECT DATE
18	DESTILARIA VIRALCOOL	BRAZIL	20	290	RC550	CUTTER	NO	750 HP		oct/90
17	CENTRALAÇUCARIBEIRA VENEZUELA	VENEZUELA	17	270	RC400	WATER PUMP	NO	250 HP		aug/90
16	DESTILARIA PARAGUAÇÚ	BRAZIL	19	290	800 ME	GENERATOR	NO	1200 KW		jul-90
15	USINA SANTA CRUZ - CAPIVARI	BRAZIL	17	270	RC550	WATER PUMP	NO	500 HP		mar-90
14	DESTILARIA ÁGUA BONTA	BRAZIL	18	280	TURBO 55B	SHREDDER	NO	300 HP		oct/89
13	DESTILARIA DOS PILÕES	BRAZIL	17	260	TURBO 55B	CUTTER	NO	300 HP		oct/89
12	DESTILARIA DOS PILÕES	BRAZIL	17	260	TURBO 55B	SHREDDER	NO	300 HP		oct/89
11	DESTILARIA IRMÃOS TONELLO	BRAZIL	18	280	TURBO 55B	SHREDDER	NO	450 HP		oct/89
10	DESTILARIA IRMÃOS TONELLO	BRAZIL	18	280	TURBO 55B	CUTTER	NO	450 HP		oct/89
9	DESTILARIA PILES	BRAZIL	15	200	TURBO 55B	SHREDDER	NO	300 HP		nov-88
8	USINA BARRA GRANDE	BRAZIL	21	300	TURBO 55B	EXHAUST FAN	NO	350 HP		nov-88
7	USINA CATANDUVA	BRAZIL	20	290	TURBO 55B	EXHAUST FAN	NO	450 HP		nov-88
6	COSAN - UNIDADE IPALUSSU	BRAZIL	20	280	TURBO 40A	WATER PUMP	NO	200 HP		feb/88
5	DESTILARIA GALO BRAVO	BRAZIL	18	280	RC550	WATER PUMP	NO	500 HP		dec/87
4	DESTILARIA BÁGGIO	BRAZIL	17	260	RC550	CUTTER	NO	300 HP		nov-87
3	USINA SÃO LUÍZ - OURINHOS	BRAZIL	21	300	RC550	WATER PUMP	NO	500 HP		sep/87
2	USINA CERRADINHO	BRAZIL	19	280	RC550	WATER PUMP	NO	500 HP		may/87
1	COSAN - UNIDADE IPALUSSU	BRAZIL	20	280	RC550	CUTTER	NO	750 HP		jan-87