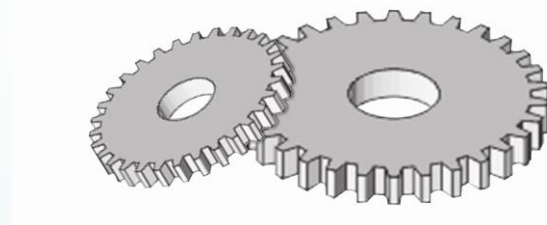


AFMC LUBRICATION PRIVATE LTD.

8, CANAL STREET, KOLKATA - 700 014

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LIST OF GREASE LUBRICATION SYSTEMS SUPPLIED FOR STEEL PLANT APPLICATIONS



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01.	Batt.No.7-528 pts. For Reversing Cocks, Levers & sprockets	The Tata Iron & Steel Co. Ltd. Jamshedpur	Otto India Ltd Calcutta	152-VJT/1171/5210/1613(87) Dt.08.02.87
02	Batt.No.7-2 Nos. 228 pts. Systems for 3 Nos.Stamp Charging M/c.	The Tata Iron & Steel Co. Ltd. Jamshedpur	TATA Robins Fraser Ltd. Jamshedpur	CD/807124 Dt.01.04.88 & CD/807990/18 Dt.09.01.89 & CD/007711 Dt. 28.05.90 & CD/007715 Dt. 17.07.90
03	Batt. Nos. 1&2-772 pts. For Reversing Cocks, Levers and sprockets	Durgapur Projects Ltd.	Otto India Ltd., Calcutta	152/PKS/1176/5210/1564(87) Dt.27.11.89
04	Coke Guide Car	Durgapur Projects Ltd.	Otto India Ltd. Calcutta	152/PKS/1176/5230/1365(88) Dt. 04.11.88
05	Coal Charging Car	Durgapur Projects Ltd.	Otto India Ltd. Calcutta	152/PKS/1176/5230/1365(88) Dt. 04.11.88
06	Coke Pusher Car – 37 pts. System	Durgapur Projects Ltd.	Otto India Ltd. Calcutta	152/PKS/1176/5230/1365(88) Dt. 04.11.88
07	Coal Charging Car – 4 Nos. Mechanically interlocked system	Durgapur Projects Ltd.	Burn Standard	998881-SPE Dt. 11.07.86
08	Coal Charging Car – 2 Nos. Motorised System	Rourkela Steel Plant	Simplex Engg. & Fdy. Works Calcutta	Pur/2013/293 Dt.11.07.88
09	Pusher Car – 70 pts. System	Rouckela Steel Plant	Braithwaite & Co.Ltd., Calcutta	ANG/9110 Dt.23.11.89

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
10	Batt.No.9-772 pts. System for Reversing cocks, Levers & sprockets	Indian Iron & Steel Co. Ltd., Burnpur	Metallurgical & Engg. Consultants (I) Ltd., Ranchi	1325/CONT/COBP/4279 Dt.15.6.89 & 1325/CONY/COBP/4280/PA 2052 Dt.15.06.89
11	Batt.No.3A & 3B – 161 pts. Systems for 2 Nos. Pusher Cars	Rourkela Steel Plant	Otto India Ltd., Calcutta	321/1227/5230/632/(90) Dt.05.06.90
12	Batt. Nos.6-550 pts. System for Reversing Cocks, Levers & sprockets	The TATA Iron & Steel Co. Ltd. Jamshedpur	Otto India Ltd. Calcutta	330/AKB/1239/5210 /62 992-93) Dt.08.05.92
13	Batt.Nos.6A & 6B – 2 Nos.-229 pts. System for Pusher Car	Durgapur Steel Plant	Otto India Ltd.,Calcutta	321/KJ/1226/138(91-92) Dt.02.05.91
14	Batt.Nos.6A & 6B- 762 pts. System for Reversing cocks, Levers & cocks, Levers & Sprockets	Durgapur Steel Plant	Otto India Ltd. Calcutta	321/KJ/1226/5210/586(91-92) Dt.02.05.90
15	Batt.Nos. 132 pts. System For Coal Charging Car	Durgapur Steel Plant	Otto India Ltd. Calcutta	321/KJ/1226/5210/133 (91-92) Dt.02.05.91
16	Batt. Nos. 6A & 6B – 2 Nos.- 93 pts. System for Pusher Car	Durgapur Steel Plant	Otto India Ltd., Calcutta	321/KJ/1220/5230/149(90) Dt.18.12.90
17	Batt. Nos.1A & 1B- 770 pts. System for Reversing Cocks, Levers & Sprockets	Durgapur Steel Plant	Otto India Ltd. Calcutta	321/M/SKB/1233/5210/1086(90) Dt.19.09.90
18	Batt.No.4- 615 pts. System	Bhilai Steel Plant	Otto India Ltd. Calcutta	321/VJT/1231/5210/358

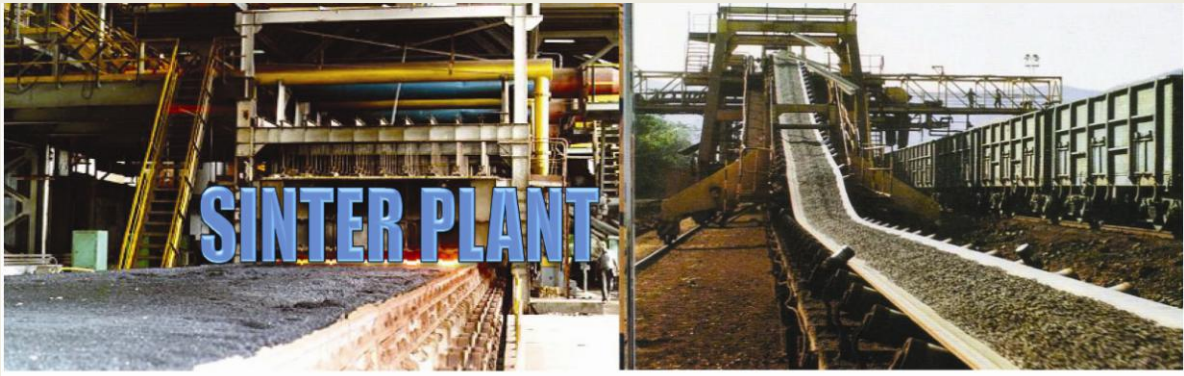
SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
19	Batt.Nos.3A & 3B One No.-770 pts. System for Reversing cocks, Levers & sprockets	Durgapur Steel plant	Otto India Ltd., Calcutta	130/KJ/1265/LOI Dt.31.05.93
20	Ram Car	Rourkela Steel Plant	Otto India Ltd., Calcutta	130/KJ/1313 Dt.01.02.94
21	Coke Oven Batt.No.5-300 pts. System Reversing cocks, Levers & sprockets	The Tata Iron & Steel Co. Ltd. Jamshedpur	Otto India Ltd. Calcutta	130/AKB/1274/5210/584(94-95) Dt.27.10.94
22	Coke Guide Car	Rourkela Steel Plant	Bhilai Engg. Corpn. Ltd.	AAG/292/J-2505/11/94 Dt.08.10.94
23	Coal Charging Car	Rourkela Steel Plant	Bhilai Engg. Corpn. Ltd.	AAG/291/J-2504/23/94 Dt.08.10.94
24	Coke Guide Car	Durgapur Steel Plant	Otto India Ltd., Calcutta	13-/ACP/1352 Dt.27.07.95
25	Coal Washery Project	Durgapur Steel Plant	Otto India Ltd., Calcutta	130/RB/1327/5210/492(95-96) Dt.24.08.95
26	Coke Pusher Car	Durgapur Steel Plant	Otto India Ltd. Calcutta	310/M/CPV/1372/5230/147(96-97) Dt.24.08.95
27	SCP Machine – 3 Nos. for Batt. No.9	The TATA Iron & Steel Company Ltd. Jamshedpur	TATA Robins Frase Ltd. Jamshedpur	CD/6077028 Dt.05.08.96 & Cd/6077029 Dt.05.08.96
28	Coke Guide Car	Durgapur Steel Plant	Simplex engg.& Fdy.works Ltd.	SE/3004/6002/09 Dt. 18.10.95
29	'SHALKE' Coke Transfer Car – 3 Nos. TISCO Batt. Nos.8&9	The TATA Iron & Steel Company Ltd. Jamshedpur	T ISCO Growth Shop, Jamshedpur	GRS/MKB/5626/A62863/1/1 Dt.04.12.97
30	Coke Handling Plant TISCO Batt. Nos.8&9	The TATA Iron & Steel Company Ltd., Jamshedpur	TATA Robins Fraser Ltd – Jamshedpur	CD/6070952 Dt.05.03.97
31	CGT Car TISCO Batt. Nos.8&9	The TATA Iron & Steel Co. Ltd. Jamshedpur	TATA Robins Frase Ltd., Jamshedpur	CD/7077005 Dt.25.01.97
32	TISCO Batt. No.8-461 pts. For Reversing Cocks	The TATA Iron & Steel Co. Ltd., Jamshedpur	Otto India Ltd. Calcutta	310/M/AL/1360/5210/771(196-97) Dt.14.03.97
33	TISCO Bstt.No.9-461 pts. For Reversing Cocks	The TATA Iron & Steel Co. Ltd. Jamshedpur	Otto India Ltd. Calcutta	310/M/AL/1372/5210/40(97-98) Dt.30.04.97
34	KMCL	Konark Met Coke Limited, Duburi	Konark Met Coke Limited	043/SE-144/029 Dt.12.12.98
35	Pusher Car 175 Points	Rourkela Steel Plant	Otto India Limited	320(M)/PKS/6065/40302/451 (98-99) Dt.21/27.01.99

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
36	Charging Plate	SCP Machine	TATA Robins Fresher Ltd.	8070993 Dt.04.01.1999
37	Pusher Car	Visakhapatnam Steel Plant	Visakhapatnam Steel Plant	VSP/WC/C&CCD/5119/2 231 Dt. 22.01.2001
38	Pusher Car	Visakhapatnam Steel Plant	Visakhapatnam Steel Plant	PUR.3.15.042/30/P/ 4459 Dt.08.08.03
39	Pusher Car	Visakhapatnam Steel Plant	Visakhapatnam Steel Plant	PUR.5.15.0056/30/P/ 5367 Dt.21.09.2005
40	Rebuilding of Coke Oven Battery No.5	BSL, Bokaro, Jharkhand	Mecon Ltd., Ranchi	11.51.E239/Lubr/7465 Dt.28.02.2006
41	Lubrication System for Charging Car	BSL, Bokaro	Bhilai Engineering Corporation Ltd.	JOB/7799/BSL-CC Dt.14.03.2007
42	Lubrication System for Pusher Car	BSL, Bokaro	Bhilai Engineering Corporation Ltd.	JOB/7795/BSL-PC Dt.14.03.2007
43	Lubrication System for LOCO	BSL, Bokaro	Bhilai Engineering Corporation Ltd.	JOB/7800/BSL-LOCO Dt.14.03.2007
44	Lubrication System for Pusher Car	Visakhapatnam Steel Plant	Bhilai Engineering Corporation Ltd.	JOB/7929/VSP-PC Dt.04.04.2007
45	Lubrication System for Dicharging Device	Visakhapatnam Steel Plant	Bhilai Engineering Corporation Ltd.	JOB/7797/VSP-DIS.D Dt.14.03.2007
46	Lubrication System for Charging Car	Visakhapatnam Steel Plant	Bhilai Engineering Corporation Ltd.	JOB/7798/VSP-CC Dt.14.03.2007
47	Lubrication System for LOCO	Visakhapatnam Steel Plant	Bhilai Engineering Corporation Ltd.	JOB/7928/VSP-LOCO Dt.04.04.2007
48	Lubrication System for Guide Car	BSL, Bokaro	Bhilai Engineering Corporation Ltd.	JOB/7930/BSL-G.C. Dt.04.04.2007
49	Lubrication System for Guide Car	Visakhapatnam Steel Plant	Bhilai Engineering Corporation Ltd.	JOB/7931/BSL-G.C. Dt.04.04.2007
50	Lubrication System for Batt.3 & 5 and Lifter	BSL, Bokaro and Visakhapatnam Steel Plant	Bhilai Engineering Corporation Ltd.	BEC.LOI/BSP&VSP PROJ/LUB SYSTEMS/07-08/ DT.23.05.2007
51	Pusher Car Lubrication and Quenching Car Lubrication	Hooghly Metcoke & Power Co. Ltd.	Hooghly Metcoke & Power Co. Ltd.	2100142888/004 Dt.05.05.2008
52	Pusher Car Lubrication and Quenching Car Lubrication	Hooghly Metcoke & Power Co. Ltd.	Hooghly Metcoke & Power Co. Ltd.	2100172045/006 Date: 06.05.2009
53	Lubrication System for COB No.10 Machine	IISCO	Bhilai Engineering Corporation Ltd.	BEC./AKV/PUR/IISCO COB#10,CC,PC & GC/09-10 Dt.09.07.2009
54	Centralised Lubrication System for Reversing Cocks of COB #11	IISCO Steel Plant, Burnpur	Bhilai Engineering Corporation Ltd.	PO/MT/3722 Dt.08.01.2010
55	Centralised Grease Lubrication System (Pkg.SE-407), required For New 7 M tall Coke Oven Battery # 6 SAIL, Rourkela Steel Plant, Rourkela,Orissa.	RSP	MECON LTD.	11.51.A22P/ Grease Lubrication System/ SE-407/8536 Dt.19.01.2010
56	Centralised Lubrication System for COB #10	IISCO Steel Plant, Burnpur	Bhilai Engineering Corporation Ltd.	PO/MT/6738 Dt.25.05.2010
57	Centralised Lubrication System for Guide Car, Charging Car & Pusher Car for COB # 1& 2	Bokaro Steel Plant	Bhilai Engineering Corporation Ltd.	PO/MAT/12187 Dt.05.02.2011
58	Centralised Lubrication System for LOCO for COB # 1& 2	Bokaro Steel Plant	Bhilai Engineering Corporation Ltd.	PO/MAT/12223 Dt.24.01.2011
59	Centralised Lubrication System for RSP #6 Charging Car	Rourkela Steel Plant	Bhilai Engineering Corporation Ltd.	PO/MAT/12492 Dt.17.02.2011

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
60	Centralised Lubrication System for Coke Pusher Car for COB # 6	Bhilai Steel Plant	Bhilai Engineering Corporation Ltd.	PO/MAT/13228 Dt.22.03.2011
61	Centralised Lubrication System for Coke Guide Car for COB # 6	Bhilai Steel Plant	Bhilai Engineering Corporation Ltd.	PO/MAT/13299 Dt.24.03.2011
62	Centralised Lubrication System for CDCP IISCO #11 Coke Bucket Lifter	IISCO Steel Plant, Burnpur	Bhilai Engineering Corporation Ltd.	PO/MAT/13801 Dt.25.04.2011
63	Centralised Lubrication System for Coke Bucket Lifter, IISCO #11	IISCO Steel Plant, Burnpur	Bhilai Engineering Corporation Ltd.	PO/MAT/14661 Dt.08.06.2011
64	Grease Lubrication System for Coke Oven	Bhushan Steel Ltd.	L&T Ltd., Kolkata	P.O. No. C03880/EPR0006 1 Dt.07.05.2011
65	Centralised Lubrication System for Electric LOCO for CDCP IISCO #11	IISCO Steel Plant	Bhilai Engineering Corporation Ltd.	PO/MAT/14623 Dt.04.06.2011
66	Centralised Lubrication System for Coke Pusher and Guide Car IISCO #11	IISCO Steel Plant	Bhilai Engineering Corporation Ltd.	PO/MAT/15596 Dt.29.07.2011
67	Centralised Lubrication System for Charging Car and Electric LOCO for DCSP COB#2	Durgapur Steel Plant	Bhilai Engineering Corporation Ltd.	PRJ/MAT/487 Dt.15.03.2012
68	Centralised Lubrication System for Reversing Cock for COB # 11 of SAIL Bhilai	Bhilai steel Plant	Bhilai Engineering Corporation Ltd.	PRJ/MAT/658 Dt.21.03.2012



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	Blast furnace no.7	Bhilai Steel Plant	Heavy Engg. Corpn. Ltd. Ranchi	Pur/HMB/83/96/5360/MW/1 510/1 Dt.30.12.91
02	2 Nos. Mini Blast Furnace	Usha Ispat Ltd., Redi, Maharastra	Usha Ispat Ltd. Redi, Maharastra	OIL/PIR/073/92 Dt.05.05.92
03	'G' Blast Furnace	The Tata Iron & Steel Co. Ltd. Jamshedpur	The Tata Iron & Steel Co. Ltd. Jamshedpur	P/PROJ/BFEL/622/IP033 Dt.30.12.91
04	530 M ³ Blast Furnace	Visvesvaraya Iron & Steel Co. Ltd. Bhadravati	Bhilai Steel Plant	98/VBH-92/03.0(005)/80013 Dt.18.01.93
05	Blast Furnace No.4	Durgapur Steel Plant	Durgapur Steel Plant	Pur/BF-4/MECH/15 Dt.26.11.93
06	Blast Furnace No.3	Durgapur Steel Plant	Durgapur Steel Plant	PUR/PC/BF-3/5.0 Dt. 22.02.2001
07	351 M ³ Mini Blast Furnace	Jindal Steel & Power Ltd., Raigarh	Jindal Steel & Power Ltd., Raigarh	0300528 Dt. 13.07.2001
08	351 M ³ Blast Furnace	SAW Pipes Ltd., New Delhi	SAW Pipes Ltd. New Delhi	SPL/PUR/MBF/2003/020 Dt. 17.12.03
09	Conveyors for 'G' Blast Furnace, TISCO	TATA Steel	TRF, Jamshedpur	SC/0744/1192 Dt. 13.02.2004
10	215 M ³ Blast Furnace	Neepaz Metaliks Ltd.	Neepaz Metaliks Ltd	NM2/PO/04-05/209 Dt.31.07.04
11	262 M ³ Blast Furnace	SLR Steels Ltd.	SLR Steels Ltd.	SLRS/043/04-05 Dt. 16.02.05
12	351M ³ Blast furnace	Ramsarup Lohh Uduog Ltd.	Ramsarup Lohh Uduog Ltd.	RLUL/LOI/BF/P-115/30/ Dt.26.12.05
13	350M ³ Blast Furnace	Sun Flag Iron & Steel Co. Ltd.	Sun Flag Iron & Steel Co. Ltd.	SF:PROJ:MBF:3007 Dt.12.04.06
14	262M ³ Blast Furnace	Maheswari Ispat Ltd.	Maheswari Ispat Ltd.	MIL/O/ORDER/BF21(i)/029 /2006-07 Dt.21.04.06
15	350M ³ Blast Furnace	TATA Metaliks, Goa	TATA Metaliks, Goa	PO/TML/L-022/06/00766 Dt.01.09.06
16	157M ³ Blast Furnace	TATA Metaliks, Goa	TATA Metaliks, Goa	TMLR/LSCM/LOI-CLS/07-08 Dt.07.09.07
17	157M ³ Blast Furnace	TATA Metaliks, Goa	TATA Metaliks, Goa	655327 Dt.05.03.08
18	Centralised Grease Lubrication System for Taphole Drilling Machine, Mudgun and Manipulators	JSW Steel	JSW Steel	JSW/VJNR/C/7MT/0004/95 Dt.18.01.2010
19	Centralised Dual Line Grease Lubrication System 262M ³ MBF at Mundra, Gujarat	Jindal Saw Ltd.	Jindal saw Limited	JSL/PO/NEW BF/ SA/8014 Dt.22.10.2010

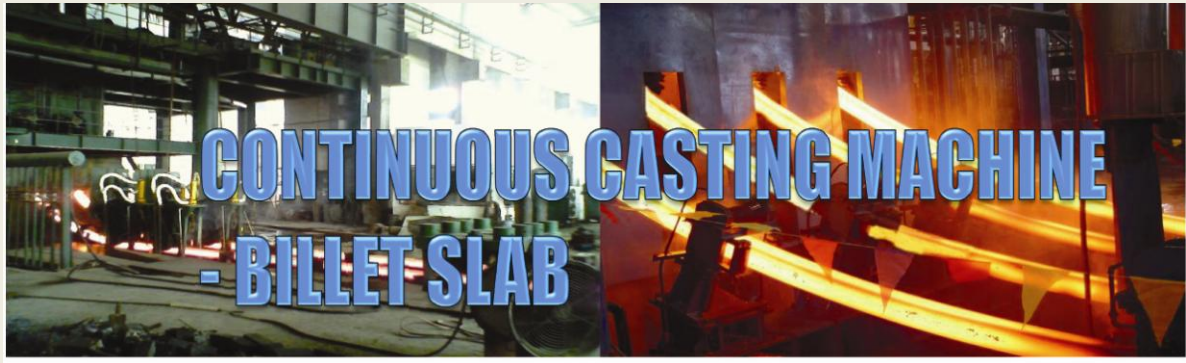


SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	Sinter Machine Nos. 1 & 2 (Systems)	Durgapur Steel Plant	Hindusthan Steel Construction Ltd.	HSCL/TC/L01/SIER (P)/8733 Dt.01.08.87 & HSCL/L01/LU-SYSTE/SP/8857 Dt.02.11.88
02	Rolling Mixing and Cooling Drums – 3 systems	Hindusthan Zinc Ltd. Udaipur	CIMMCO New Delhi	HED:B366:PO:12:RK A:27929 Dt.20.03.90
03	Dual line Pumping Station – 2 Nos.	Vizag Steel Plant	Heavy Engg. Corpn. Ltd. Ranchi	PUR/HMB/87/96/5514/MW/4922/0 Dt. 16.10.87
04	Progressive type manually operated grease lub. System	TISCO, Jamshedpur	TRF, Jamshedpur	LOA No. CD/0694/02/028 Dt. 05.01.02
05	Grease Lubrication System for Sinter Plant No.3 at TISCO	TATA Steel	L&T Ltd., Chennai	ECCD/HQ/CMMS-5615/LOI 0028 Dt. 30.01.04
06	Grease Lubrication System for Sinter Plant No.4 at TISCO	TATA Steel	L&T Ltd., Kolkata	C02700/EPR00254 Dt.26.12.05
07	Grease Lubrication System for Sinter Plant	Rourkela Steel Plant	L&T Ltd., Kolkata	C03240/EPR01881 Dt.05.10.10
08	Grease Lubrication System for Sinter Plant	Bhilai Steel Plant	L&T Ltd., Kolkata	P.O. No. H03621/EPR00227 Dt.12.05.2011
09	Grease Lubrication System for 2 X 204 SQM Sinter Plant	Bhushan Steel Ltd.	L&T Ltd., Kolkata	P.O. No. C02831/EPR04359 Dt.07.05.2011
10	Grease Lubrication System for Kalinganagar Sinter Plant	TATA steel	L&T Ltd., Kolkata	P.O. No. E1894PO2000195



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	Demag EAF	Sunflag Steel	ISPL Industries Ltd.	MBD/FR-11/10356 Dt.26.12.87
02	Demag LHF	Sunflag Steel	ISPL Industries Ltd.	MBD/FR-11/10356 Dt.26.12.87
03	Demag Ladle Furnace	TISCO	IST, Delhi	1065 Dt. 29.09.92
04	Demag Electric Furnace	Remi	ISPL Industries Ltd.	MBD/03/FR-16/FR17/12555 Dt. 17.06.94
05	Demag Ladle Furnace	Rourkela Steel Plant	Indomag Steel Technology Ltd. New Delhi	9402/2517 Dt. 28.04.84`
06	Demag Ladle Furnace	Vizag Steel Plant	Indomag Steel Technology Ltd. New Delhi	9402/25/2517 Dt. 28.04.94
07	Voest Alpine Ladle Furnace	Bokaro steel Ltd.	Larsen & Toubro Ltd. Calcutta	CM/10880/043/P6/R/MD/6/G/C//20001 Dt. 13.06.95
08	Demag Ladle Furnace	The Tata Iron & Steel Co. Ltd., LD-1	Indomag Steel Technology Ltd.	9705/008/3358 Dt. 02.09.97
09	Demag Ladle Furnace	The Tata Iron & Steel Co. Ltd., LD-2	Indomag Steel Technology Ltd.	9705/008/3359 Dt. 02.09.97
10	Demag Ladle Furnace	Rourkela Steel Plant	Indomag Steel Technology Ltd.,	9625/050/3607 Dt. 27.01.98
11	Demag Ladle Furnace	Jindal Vijaynagar Steel Ltd.	Indomag Steel Technology Ltd.,	9501/152/3300 Dt. 11.07.97
12	Danieli Ladle Furnace	Alloy Steel Plant Durgapur	GA Danieli India Ltd.	FP/10370/J Dt.04.02.99
13	Demag EAF	Jidnal Strips, Hisar	Indomag Steel Technology Ltd.	0004/011/4526 Dt. 19.10.2000
14	Ladle Heating Furnace	TATA Steel, LD#1	SMS Demag Pvt. Ltd.	J323/020/5349 Dt. 27.02.04
15	Ladle Heating Furnace	Essar Steel Ltd., LHF#4	SMS Demag Pvt. Ltd.	J507/03/6236 Dt.15.07.2005
16.	Electric Arc Furnace	Mahindra UGINE Steel Co. Ltd.(MUSCO) at Khopoli	SMS Demag Pvt. Ltd.	J505/023/6433 Dt.20.10.2005
17	Ladle Heating Furnace	Alloy Steel Plant	Danieli Engineering India Ltd. (Formerly GA Danieli)	FP/24610/J Dt.15.02.2006
18	155T Ladle Furnace	TATA Steel	SMS Demag	4500213 Dt.19.10.2006
19	Ladle Heating Furnace	ISMT	Danieli	FP/4403/SSA

			Engineering India Ltd.	Dt.18.05.2007
20	Ladle Heating Furnace	VISA Steel,	SMS Demag	4500795 Dt.23.07.2007
21	Electric Arc Furnace	VISA Steel,	SMS Demag	4501469 Dt.19.08.2008
22	2 X 175 LHF	JSW Steel Ltd.	JSW Steel Ltd.	JSW/VJNR/C/7MT/7 0005/3563 Dt.06.11.2007
23	60T LRF	Salem Steel Plant	Danieli India Limited	8040013 0A Dt.25.11.2008
24	55T EAF	Salem Steel Plant	Danieli India Limited	8040012 0A Dt.25.11.2008
25	Centralised Grease Lubrication Cent Grease Lub Unit (LF)	JENCO-LF	Danieli India Limited	12145025 0E Dt.23.05.2012
26	Centralised Grease Lubrication Cent Grease Lub Unit (EAF)	JENCO-EAF	Danieli India Limited	12145026 0E Dt.23.05.2012



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	Concast 6-strand Billet Caster	The Tata Iron & Steel Co. Ltd. Jamshedpur	Concast (I) Ltd.	CI :AFMC :3017 Dt.13.09.81
02	Davy Distington Slab Caster (Nos. 1&2)	The Tata Iron & Steel Co. Ltd.	Tata Davy Ltd., Jamshedpur	TDL/2098/91-92/IND/04 Dt.17.08.91 & TDL/2098/91-92/IND/03 Dt. 27.08.91
03	Davy Distington Slab Caster (No.3)	The Tata Iron & Steel Co. Ltd.	The Tata Iron & Steel Co. Ltd. Jamshedpur	SCME/960309/6P063 1/AE31 Dt.23.12.96
04	Voest Alpine 2x2 (Total 4 strands) Slab casters	Bokaro Steel Ltd.	Larsen & Toubro Ltd. Calcutta	CM/10880/014/R8/SI L/6/A/62177 Dt.08.02.95/12.02.96
05	Demag Slab-cum-Bloom Caster	Alloy Steel Plant Durgapur	ISPL Industries Ltd.	BCH/501/386 Dt.28.05.85
06	Demag Slab Caster	Rathi Alloys Ltd.	ISPL Industries Ltd.	MBD/03/503/12336 Dt.05.04.89
07	Demag Slab Caster (2 Nos.)	Jindal Vijaynagar Steel Ltd.	Indomag Steel Technology Ltd. New Delhi	9501/043/2876 Dt.05.06.96
08	Concast 6-strand Billet Caster	The Tata Iron & Steel Co. Ltd. Jamshedpur	The Tata Iron & Steel Co. Ltd. Jamshedpur	WCB/SB02101/PSM/ RPJ/IP633/A687 Dt.21.09.91 & WCB/00042720/PSM/ PRJ/1P2180/A687 Dt. 14.09.91
09	Demag ¾ strand Billet Caster	Sunflag Steel Ltd.	ISPL Industries Ltd.	MBD/173/8592 Dt. 05.03.97
10	Demag 4 strand Billet Caster	Madhya Pradesh Steel Ltd.	ISPL Industries Ltd.	MBD/03.199/12413 Dt. 11.12.89
11	Demag 2 strand Billet Caster	Visvearaya Iron & Steel Co. Ltd. Bhadravati	ISPL Industries Ltd.	BCM/149/2019 Dt. 10.08.82
12	ISPL Turn over Cooling Bed Disapeparing Pawl Walking Beam Cross Transfer Roller Table Rollers and Pusher type Stroage Bed Total 150 pt.	Usha Martin Industries Ltd. Calcutta	ISPL Industries Ltd.	MBD/03/IMILNO.125 57 Dt. 20.07.94

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
13	Concast 2 strand Billet Caster	Vardhman steel	Concast (I) Ltd.	M009/A035/052 Dt. 09.04.96
14	Concast 2 strand 4M. RAD Billet Caster	Usha Martin Industries Ltd. Calcutta	Usha Martin Industries Ltd.	CAL/UASD/PROJ/S MS/530400/1122/7/95 Dt. 21/25.07.95
15	Danieli 2x225t. Ladle Turret for Billet Caster	The Tata Iron & Steel co. Ltd. Jamshedpur	The Tata Iron & Steel Co. Ltd. Jamshedpur	GRS/81284 Dt. 09.04.96
16	Demag 4 Strand Billet Caster	Nova Udyog	ISPL Industries Ltd.	MBD/03/214/12485 Dt. 09.04.96
17	Concast 2 strand 6 Mtrs. RAD continuous Casting Machine (2 strands) in straightener & Mould Oscilation Area	Special Steel Ltd. Tarapur	Special Steel Ltd.	320793 Dt. 20.02.95
18	Pomini 3 strand Bloom Caster (Mould Lubrication)	Mukand Kalyani Hospet Steel	Mukand Limited Mumbai	MBD/DGK/No.28686 Dt. 18.08.97
19	TGS 2x225t. Ladle Turret for LD-1 TISCO	The Tata Iron & Steel Co. Ltd.	TATA Growth Shop	GRTS/SPN/7558/A 72950/1/1 Dt. 10.04.98
20	Ladle Lid Handling System for 2x225tx6m Ladle Turret at LD#2 and Slab Caster	The Tata Iron & Steel Co. Ltd.	TATA Growth Shop	GRS/SSJ/7612/A 81897/1/1 Dt.27.09.98
21	Roller Table	Billet Caster	Usha Martin	CAL/UASD/AD/PROJ/3 0895/98 Dt.18.03.1999
22	Concast 2-strand Billet Caster	Usha Martin Industries Ltd.	Usha Martin Industries Ltd.	CAL/UASD/HJ/2000-33393 Dt.22.08.2000
23	Modification of Grease Lub. System for Caster Nos.1, 2 and 3 in Ld#2 Shop	TATA Steel	TATA Steel	E&P/ST/ENG-0032/145 Dt.30.01.2004
24	Modification of Grease Lub. System for Augmentation of Billet Caster – I at LD Shop #1	TATA Steel	TATA Steel	2300006623/109 Dt. 23.07.2004
25	Modification of Grease Lub. System for Ladle Turret of Billet Caster 2	TATA Steel	TATA Steel	2300010261/109 Dt.09.08.2005
26	Grease Lubrication system for 130T RH Degasser in SMS-II at SAIL	Bhilai Steel Plant	Siemens VAI	VAI-E&A/EP-435-05/PO/027/SPSD Dt.16.05.06
27	Grease Lubrication & Mould Lubrication Systems of Ramsarup Billet Caster	Ramsarup Lohh Udyog, Kharagpur	Siemens VAI	VAI-E&A/EP-484-06/PO/013/SS Dt.05.07.2007
28	Additional Strand No.3 of SMS # 2, Billet Caster	Usha Martin Industries Ltd.	Usha Martin Industries Ltd.	CAL/UASD/HJ/2006-34298 Dt.13.02.2007

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
29	Grease Lubrication System for 6-Strand Billet Caster	TATA Steel	Siemens VAI	VAI-E&A/EP-477-07/LOI/002/SS Dt.02.04.2007
30	Grease Lubrication system for 1 x 175T RH Degasser	JSW Steel Ltd.	JSW Steel Ltd.	JSW/VJNR/C/7MT/70005/3563 Dt.06.11.2007
31	Grease Lubrication System for 2-Strand & 3 –Strand Concast Billet Caster	Gallantt Metal Limited	Gallantt Metal Limited	Dt.10.01.2008
32	Grease Lubrication System for 2 Strand Bloom Caster-III	Danieli India Limited	Usha Martin Industries Ltd.	111582/08-09 Dt.15.05.2008
33	Grease Lubrication system for 2 x 175T RH Degasser	JSW Steel Ltd.	JSW Steel Ltd.	JSW/VJNR/C/7MT/70005/6664 Dt.09.07.2008
34	Grease Lubrication system for CCM# 2 & CCM # 3	Vishakhapatnam Steel Plant	Danieli India Limited	8040020 0A Dt.27.11.2008
35	Grease Lubrication Arrangement for Universal Segment, Stand 1,2 & 3	Usha Martin Ltd.	Usha Martin Limited	115295/09-10 Dt.06.08.2009
36	Combines Transfer & Tiltng Car	IISCO Steel Plant	Somani Kuttner India (P) Ltd.	ISP/HMDS/MECH/2009-10 Dt.02.12.2009
37	Billet Storage Area for LD # 1	TATA Steel	SMS Concast	CSI/AFMC/TATA-STEEL/PO/12 Dt.25.11.09
38	Grease Lubrication System for caster #1 & 2 Ladle Turret Slewing Ring	JSW Steel Ltd.	JSW Steel Ltd.	JSW/VJNR/R/CCP/21011/76899 Dt.29.12.2009
39	Grease Lubrication System for Casters 1 & 2 of 3MTPA Expansion Project	Centennial Steel Co. Ltd.	TATA Steel	2300023142/109 Dt.27.12.2009
40	Grease Lubrication System for Slab Casting Plant No. 1 JSPL,Angul, Orissa	Siemens VAI	JSPL, Angul	4502815673 Dt.23.07.2010
41	Grease Lubrication System for Segments for Caster-3, SMS-1	JSW Steel Ltd.	JSW Steel Ltd.	JSW/VJNR/R/CCP/21011/91452 Dt.23.08.2010
42	Grease Lubrication System for Slab Handling Area of JSPL,Angul, Orissa	Siemens VAI	JSPL, Angul	4503822374 Dt.27.03.2012
43	Grease Lubrication System for CCM	JENCO CCM Site	Danieli India Limited	12145024 0E Dt.23.05.2012



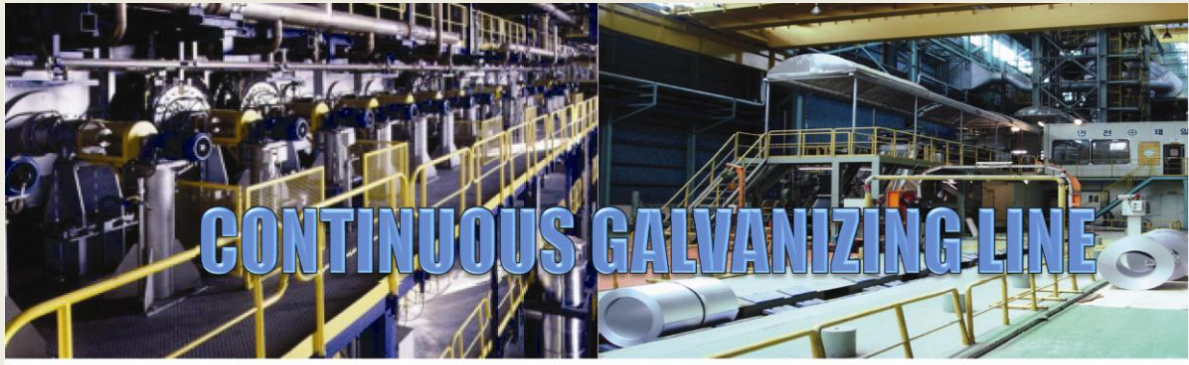
SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	Stein Hurtey 85 TPH Furnace	The TATA Iron & Steel Co. Ltd.;	Engg. Projects (I) Ltd., Calcutta	PRC-7.141/266/11 Dt. 8.11.85
02	Stein Hurtey 200 TPH Furnace	Vizag Steel Plant	Engg. Projects (I) Ltd., Calcutta	PRC-7.124/277/11 Dt. 20.01.85
03	Stein Hurtey 135 TPH Furnace (2 Nos.)	Vizag Steel Plant	Engg. Projects (I) Ltd. Calcutta	PRC-7.160/253 Dt. 15.02.88
04	85 TPH Furnace	Ispat Profile	Wesman	P-8617/87/UN/EI/P 3894 Dt. 28.07.97
05	85 TPH Furnace	Madhya Pradesh Steel Ltd.	Wesman	P-8913/UN/89/P 0350 Dt. 15.12.89
06	Italimpianti 250 TPH Slab reheating Furnace	The Tata Iron & Steel Company Ltd.	Well Incandescent (I) Ltd., Calcutta	496/45599 Dt. 28.12.90
07	Italimpianti 250 TPH Furnace	The Tata Iron & Steel Company Ltd.	Wellman Incandescent (I)	LP/0577/11/00/1529 Dt. 11.07.96
08	60 TPH Furnace	Sunflag Ststeel Ltd.	Vulcan Engrs. Ltd. Mumbai	Pur/8601/C/842/BRP Dt. 09.09.87
09	60 TPH Furnace	Ispat Industries	Vulcan Engrs. Ltd. Mumbai	VEX/9004/3/614/VRJ Dt. 02.02.91
10	40 TPH Furnace	Indian Seamless Steel Tube	Vulcan Engrs. Ltd. Mumbai	Fur/9103/C/211/BRP Dt. 11.01.93
11	Stein Hurtey 320 TPH Furnace	Essar Projects Ltd.	Engg. Project (I) Ltd., Calcutta	PRC-7.206/291/SP Dt. 11.01.93
12	Stein Hurtey 100 TPH Slab Reheating Furnace for Plate Mill	Rourkela Steel Plant	Engg. Project (I) Ltd. Calcutta	PRC-7.206/291/SP Dt. 10.08.94
13	65 TPH Furnace	Usha Martin Industries Ltd.	Vulcan Engrs. Mumbai	Fur/9316/C/339/BRP Dt. 10.08.94
14	Stein Hurtey 320 TPH Furnace (2 nd Furnace)	Essar Projects Ltd.	Engg. Project (I) Ltd., Calcutta	PRC-7.192A/261 /RM dt. 13.05.94
15	35 TPH Furnace	Isibars Ltd. Mumbai	Vulcan Engrs. Mumbai, Calcutta	Fur/9532/522/PSS Dt. 26.08.96
16	300 TPH Italimpianti Slab reheating Furnace No.3	Bokaro Steel Plant	MECON	MEC/19/PG/6854/26 AS/1403 Dt. 17.08.98

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
17.	Slab Reheating Furnace No.2	Bokaro Steel Plant	MECON	196.PG.6854.26B Dt.14.12.2000
18.	250T/Hr. Slab Reheating Furnace for	Jindal Vijaynagar Steel Ltd.	Stein Heurtey India Projects Pvt. Ltd.	117/202.0/F7/LOI Dt.20.05.2003
19.	50 MTPH Walking Beam Furnace	Maharastra Seamless Ltd., Nagothane	LOI Wesman Thermoprocess Pvt. Ltd.	LWT0028/04/DLH/L-022/041 Dt. 17.06.04
20.	Walking Beam Re-heating Furnace	Tata Iron & Steel Co. Ltd.	GIS Ltd. (Unit: Modern India Construction Co.)	MIC/PROJ-249A/048 Dt.01.12.2004
21	Walking Hearth Boom Re-Heating Furnace	Allied Consulting Engineers Pvt. Ltd.	Allied Consulting Engineers Pvt. Ltd.	ACE/HP/631F06/ 81 Dt.23.07.07
22	Reheating Furnace	Usha Martin Limited	Usha Martin Limited	111648/08-09 Dt.24.05.2008
23	Reheating Furnace	Maithan Ispat Ltd., Orissa	Techint Hypertherm Pvt. Ltd.	TH-0606-B-IV-PAB/PO-0989 Dt.10.10.2008
24	110MTPH Walking Beam Pipe Reheating Furnace	United Seamless Tubulaar Pvt. Ltd.	LOI Wesman Thermoprocess	LWT/S90080200 Dt.25.02.2009
25	200T/H Walking Beam Furnace	Jindal Steel and Power limited	Tenova Hypertherm Pvt. Ltd.	TH-0822 PORD-38 06.10.2009
26	Reheating Furnace at Plate Mill	JSPL, Angul Orissa	Fives Stein	125/239.0/F7/P.O. Dt.16.12.2009
27	Two Roller Hearth Furnaces	TSCR, TATA Steel	TENOVA HYPERTHERM PVT. LTD,	TH-0820 PORD-286Dt.03.05.2010
28	60 T/H Top Fired Walking Hearth Furnace	Kalyani Geardau Steels Limited	TENOVA HYPERTHERM PVT. LTD,	2710001480 Dt.11.02.2011



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	Morgan Bar & Rod Mill	The Tata Iron & Steel Co. Ltd. Jamshedpur	Davy Ashmore (Now TATA Davy)	DA/E&MD/26/2062/1 02.12/85-86 Dt. 01.09.86 & E & MD/2062/26/102.12. 86-87/215 Dt. 02.09.86
02	Plate Mill (Russia)	Bhilai Steel Plant	Heavy Engg. Corpn. Ltd. Ranchi	Pur/HMB/F1(8)/79/8 008/0 Dt. 23.01.81 & Pur/HMB/82/965303 /MW/1060 Dt. 13.05.81 (Against Global Tender)
03	Cold Rolling Mill	Alipur Mint	Metallurgical & Engg. Consultants (I) Ltd., Ranchi	MEC-8867/68/ Contlub/7406 Dt. 09.07.87
04	Gothic Cooling Bed	The Tata Iron & Steel Co. Ltd.	The Tata Iron & Steel Co. Ltd.	GRS/8403/A82727/1 /1 Dt. 12.05.89
05	Finishing Lines for Munak Galva Sheets	Metallurgical & Engg. Consultants (I) Ltd.	Metallurgical & Engg. Consultants (I) Ltd.	19.51.7264/008 Dt. 31.01.87
06	Tube Mill	Century Tube	Metallurgical & Engg. Consultants (I) Ltd.	19.51.7255/008 Dt. 31.01.87
07	Ingot Buggy for Blooming Mill	Durgapur Steel Plant	Tata Davy Ltd. Jamshedpur	E&MD/2064/26/1021 2/87-88/177 Dt. 31.01.87
08	Rolling Mill No.2	The Tata Iron & Steel Co. Ltd. Jamshedpur	The Tata Iron & Steel Co. Ltd. Jamshedpur	SP/PR/245/918349/ A687 Dt. 02.11.87
09	Bloom Transfer Bank for Blooming Mill	Durgapur Steel Plant	Mukand Ltd. Mumbai	MBD/DGK/7873 Dt. 31.01.91
10	Lub. System for Bokaro CRM	Bokaro Steel Plant	Metallurgical & Engg. Consultants (I) Ltd	COMM/BSL/E&158/ 2764 Dt. 10.11.88
11	Lub. System for Section mill	Durgapur Steel plant	Simplex Engg. & Foundry works Ltd., calcutta	SE(111)/Pur/C167/2 561/91/E-3281 Dt.11.12.91
12	Lub. System for Section Mill	Durgapur Steel Plant	Metallurgical & Engg. Consultants (I) Ltd	14.51/8878/Lub.Equ ipt/7992 Dt. 08.04.93

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
13	Lub. System for SMS Hot Shearing Line	Essar Projects Ltd. Hazira	Essar Projects Ltd., Hazira	132/P22/3.2/NKB Dt. 26.09.95
14	Lub. System for Stelmor Conveyor Morgan Bar & Rod Mill	The Tata Iron & Steel Co. Ltd., Jamshedpur	The Tata Iron & Steel Co. Ltd., Jamshedpur	WCB/PML/LB01-0412/6 P4011/A629 Dt. 06.05.96
15	Slit Rolling Mill	IISCO, Burnpur	IISCO, Burnpur	PEDD/040(2001)/00 11 Dt.14.5.02
16.	Wire Mill	The Indian Steel & Wire Products Limited Jamshedpur	The Indian Steel & Wire Products Limited, Jamshedpur	CG/04/043/RM/R Dt. 09.08.2004
17	Wire Rod Mill (Stelmor Conveyor)	Morgan Construction Co. India Pvt. Ltd.	Morgan Construction Co. India Pvt. Ltd.	PO/005940 Dt.22.06.06
18	Continuous Tandem Cold Mill	ESSAR Steel Limited	ESSAR Steel Limited	DSC/CM5/53000050 68 Dt.09.09.2006
19	3760mm Wide Plate Mill	Jindal Steel and Power Ltd.	Jindal Steel and Power Ltd.	JSPL/AFMC/3760m mPLATE MILL / GREASE /1398 Dt.05.10.06
20	Finishing Mill of Hot Strip Mill	Avon Ispat & Power Ltd.	Avon Ispat & Power Ltd.	AIPL:CS:HRD:DSP: 2008:3404 Dt.12.01.2008
21	Bar Mill	Usha Martin Ltd.	Usha Martin Ltd.	113144/0809 Dt.24.12.2008
22	Roughing Mill of Hot Strip Mill	Avon Ispat & Power Ltd.	Avon Ispat & Power Ltd.	AIPL:CS:HRD:2010: 25 Dt.05.02.2010
23	Grease Lubrication System for Mill Area of 3MTPA Expansion Project	TATA Steel	TATA Steel	2300023142/109 Dt.27.12.2009
24	Grease Lubrication System for Coil Conveyor for Coil Yard	TATA-TSCR	Tata Growth Shop	11265 Dt.27.05.2010
25	Grease Lubrication System for Intermediate and Finishing (Continuous)	Brand Alloys Ltd.	Brand Alloys Ltd.	Brand/AFMCLPL/38 4/10-11 Dt.10.11.2010
26	Grease Lubrication System Roughing Mill	Brand Alloys Ltd.	Brand Alloys Ltd.	Brand/AFMCLPL/47 5/10-11 Dt.14.12.2010
27	Dual Lien Grease Lubrication system for Devide shear and Crank shear of Medium & Light Section Mill	Jindal Steel & Power Limited, Raigarh	Jindal Steel & Power Limited, Raigarh	4514000801 Dt.25.01.2011
28	Dual Lien Grease Lubrication system for Straightner of Medium & Light Section Mill	Jindal Steel & Power Limited, Raigarh	Jindal Steel & Power Limited, Raigarh	4514000811 Dt.28.01.2011
29	Centralized Grease Lubrication System for Blooming Mill Project	Sunflag Iron and Steel Co. Ltd.	Sunflag Iron and Steel Co. Ltd.	SF:PROJ:BM: 6587 DT.27.08.2011
30	Centralized Grease Lubrication System for PLTCM	TATA Steel	Larsen & Toubro Ltd.	E1894PO2000195 Dt.03.10.2012



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	No.1	The Tata Iron & Steel Co. Ltd., Jamshedpur	Flat Products Equipments (I) Ltd.	FP/000237 Dt.31.12.98



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01.	Stacker & Reclaimer	The TATA Growth Shop Jamshedpur	Tata Material Handling Systems Ltd.	GRS/4589/A 51524/1/1 DT.05.12.95
02.	Shipyard Loader	Cochin Shipyard Ltd.	Tata Material Handling Systems Ltd.	PO/952048/05 DT.31.07.96
03.	Slewing Stacker	Essar Projects Ltd.	Tata Material Handling Systems Ltd.	PO5/1.08/L/239 DT.03.12.94
04.	Screw Conveyor	Srilanka Project	Larsen & Toubro Ltd.	PCEW/990048/VSP/DSC Dt.10.11.98
05.	Grease Lubrication System for Screw Conveyor	Srilanka Project	Larsen & Toubro Ltd.	PCEW/990051/VSP/DSC Dt.10.11.98
06.	Twin Boom Stacker	Bokaro Steel Plant	WMI Crane Ltd.	
07.	Twin Bloom Stacker	Bokaro Steel Plant	WMI crane Ltd.	
08.	Grease Lubrication System for Conveyor 1,2,3,4,5 & 6	Tata Growth Shop	Tata Steel	13068 Dt.08.02.2011



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01.	Inspection Line No. RCL – 1 & RCL-2	CRM	The TATA iron & Steel Co. Ltd.	GRS/MNL/8668/A9183 5/1/1 Dt.16.06.1999



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01.	90/15T x 21.9 Mtrs. Span EOT Crane	Jocabera Power Plant	TATA Man	TMG/923029/PO/026 Dt.01.09.1992
02.	20T Level Luffing Crane	Great Circle Shipping Agency- Kandle	TATA Robins Fresher	4B567050 Dt.12.06.1995
03.	100/32T Heavy duty Crane	Hot Strip Mill Rourkela Steel Plant	Hyderabad Industries	231/166/H1789 Dt.25.01.1993
04.	EOT Crane	Trolley	Braithwaite Co. Ltd.	ANG/3907 Dt.29.04.1985
05.	EOT Crane	Trolley	WMI Cranes Ltd.	B/9269 Dt.12.01.1987
06.	8 Nos. Level Luffing Crane	TATA Man	TATA Growth Shop	GRS/AMB/9504/A9137/1/1 Dt.08.06.1999
07.	255/5Tx19M Span Crane	TATA Growth Shop	TATA Growth Shop	GRS/AMB/8532/A 91194/1/1 Dt.29.04.99
08.	5T x 19M Span Crane	TATA Growth Shop	TATA Growth Shop	GRS/AMB/8531/A 91193/1/1 Dt.29.04.99
09.	15Tx19M Span Crane	TATA Growth Shop	TATA Growth Shop	GRS/AMB/8530/A 91192/1/1 Dt.29.04.99
10.	10T L.L. Crane	Hindustan Shipyard Ltd.	Braithwaite & Co. Limited	ANG/7498/40098/021/P Dt. 18.07.99 & Amndt. No.1/17/802/90/38 Dt.16.11.1999
11.	40t. L/L Crane	Hindustan Shipyard Ltd.	Braithwaite & Co. Limited	ANG/7502/40198/021/P Dt. 19.07.99 & Amndt. No.1/17/801/90/38 Dt.16.11.1999
12.	5Tx16M Span EOT Crane	TATA Growth Shop	TATA Growth Shop	GRS/RAA/0771/A11039/1/1 Dt. 06.02.2001
13.	15.5Tx17.5M Span EOT Crane	TATA Growth Shop	TATA Growth Shop	GRS/MEH/0755/A11536/1/1 Dt. 23.03.01
14.	35Tx39.5M Span EOT Crane P-Q	TATA Growth Shop	TATA Growth Shop	210722 Dt. 11.02.02

SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
15	35Tx28.75M Span EOT Crane	TATA Growth Shop	TATA Growth Shop	213348 Dt.01.10.02
16.	EOT Cranes for LD#1	TATA Growth Shop	TATA Growth Shop	410066 Dt. 09.01.2004
17.	EOT Cranes for LD#1	TATA Growth Shop	TATA Growth Shop	410358 Dt. 05.02.2004
18.	Ladle Cranes for LD#2	TATA Growth Shop	TATA Steel	410983 Dt. 16.04.2004
19.	EOT Cranes for Re-bar Mill	TATA Growth Shop	TATA Steel	413029 Dt. 13.10.2004
20.	60T and 40T LLTT crane	Coachin Shipyard Ltd.	Mukund	MBD/JBS/OP:110168 Dt.05.09.2008
21	40/30T x 40/55 M LLTT Crane	CSL, Coachin.	Mukund	MBD/JBS/OP:118771 Dt.15.06.2009
22	20T (On magnet)/5T x 30.5 M Span EOT crane for Rebar Mill (KL Bay) Crane No.105 & 106, 5T x 30.5 M Span EOT crane for Rebar Mill Furnace (LM Bay) Crane No.108 , 20T (On Magnet)/5T x 30.5 M Span Rotating Trolley EOT crane for Billet Storage Bay-FQ, Crane No.101 to 104 .	SAIL,IISCO, Burnpur	WMI Crane	009P-003260 Dt.29.10.2009
23	1 No.80/20Tx40M Span, 2 Nos.50/10Tx30M Span and 1 no.80/20Tx28M Span Crane. (Automatic System)	Bokaro Steel Plant	WMI Crane	09-10/C/8/LUBR/GLC Dt.30.03.2010
24	Automatic Centralised Dual Line Grease Lubrication System for LT and Trolley for 50/10T x 28.0M Span EOT Crane No.2, 50/10T x 28.0 mm Span EOT Crane No.3, 50/10T x 40.0 M for EOT Crane No.9, 50/10T x 40.0 M Span EOT Co.11, 50/10T x 40M Span EOT Crane No.12 and 50/10T x 30.0 M Span EOT Crane Nos.21 & 23 for Bokaro CRM III.	Bokaro Steel Plant	WMI Crane	10P-003239 Dt.23.11.2010 Amnd. no.2 & Amnd date:24.11.2010
25	Automatic Centralised Dual Line Grease Lubrication System for 15 nos. cranes for Bokaro CRM III.	Bokaro Steel Plant	WMI Crane	10P-003730 Dt.24.12.2010 and Amnd. No.1 P- 003730 Dt.24.12.2010

26	Automatic Centralised Dual Line Grease Lubrication System for crane No.5 for Bokaro CRM III.	Bokaro Steel Plant	WMI Crane	10P-003849 Dt.03.01.2011 and Amnd. No.1 Dt.03.01.2011
27	Automatic Centralised Grease Lubrication System for EOT Crane	JSPL, Raigarh	Anupam Industries Limited	523650 Dt.21.10.2011
28	Automatic Centralised Grease Lubrication System for EOT Crane	JSPL, Raigarh	Anupam Industries Limited	523648 Dt.21.10.11
29	Automatic Centralised Grease Lubrication System for Main and Aux. Hoist Trolley for EOT Crane	JSPL, Raipur	JSPL, Raipur	4531008545 Dt.20.10.11



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	4 Nos. Air Seals (Dual Line System), Kiln Girth Gear Pinion Drive and Cooler Girth Gear Pinion Drive (Spray System)	Usha Martin Limited, Jamshedpur	Usha Martin Limited, Jamshedpur	JSR/UASD/HJ/2003-33203 Dt.01.08.2003
02	16 Nos. Air Seals (Dual Line Systems) & 4 Nos. Kiln Girth Gear Pinion drives & 4 Nos. Cooler Girth Gear Pinion Drives (Spray Systems)	Jindal Steel & Power Ltd., Raigarh	Jindal Steel & Power Ltd.	4234002128 Dt. 26.08.03
03	4 Nos. Air Seals (Dual line systems) Kiln and cooler Girth Gear Pinion Drives for 100 TPD	Radha Madhav Industries Ltd.	Radha Madhav Industries Ltd.	RMIPL/BSP/2003-04/55/133 Dt. 10.04.03
04	Grease Lubrication System for Kiln Inlet	Usha Martin, Jamshedpur	Usha Martin, Jamshedpur	374629/07 -08 Dt.16.05.2007
05	4 Nos. Grease Lubrication Systems for Reactor Feed End Air Seal, Reactor Discharge End Air Seal, Cooler Feed End Air Seal & Cooler Discharge End Air Seal and 2 Nos. Spray Lubrication Systems for Girth Gear Lubrication for Reactor and Cooler for 350 TPD DRI Plant	Usha Martin, Jamshedpur	Usha Martin, Jamshedpur	110556/07-08 Dt.29.10.07
06	3 Sets Seal, 2 Sets Support Roller & Thrust Roller Grease Lubrication System for 350TPD Sponge Iron	Sunflag Iron & Steel Co. Ltd.	Sunflag Iron & Steel Co. Ltd.	SF:PROJ:KILN:5899 Dt.27.11.2010



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	42.7M Pig Casting Machine	Tata Metalics Ltd., Kharagpur	M/s. METCO, Kolkata	2946(P) MT/PO 1391 Dt. 03.02.2003
02	42.7M Pig Casting Machine	Tata Metalics Ltd., Kharagpur	M/s. METCO, Kolkata	3025 (P) MT/PO 1489 Dt. 14.05.2004
03	Pig Casting Machine	VISA Industries Ltd., Kolkata	M/s. METCO, Kolkata	3026(P) MT/PO 1490 Dt. 24.05.04
04	Pig Casting Machine	Neepaz Metalics , Rourkela	M/s. METCO, Kolkata	3043(P) MT/PO 1535 Dt. 04.10.04
05	2 Nos. Pig Casting Machine	Bhushan Steel & Strips Ltd.	M/s. METCO, Kolkata	3138(P) /MT/PO 1953 Dt. 10.07.06

06	Pig Casting Machine	Balaji Steel, Durgapur	M/s. METCO, Kolkata	3158(P) /MT/PO 1910 Dt. 10.07.06
07	Pig Casting Machine	Tata Metaliks, Goa	M/s. METCO, Kolkata	3181(P) /MT/PO 2025 Dt. 21.08.06
08	Pig Casting Machine	Jindal Steel, Raigarh	M/s. METCO, Kolkata	3206(P) /MT/PO. 2558 Dt. 02.08.07
09	Pig Casting Machine	TATA Metaliks, Kharagpur	M/s. METCO, Kolkata	3231(P) /MT/PO. 3043 Dt. 26.05.08
10	Pig Casting Machine	Indian Iron and Steel Company	M/s. METCO, Kolkata	3218(P) /MT/PO.3048 Dt. 26.05.08
11	Pig Casting Machine	Rourkela Steel Plant	M/s. METCO, Kolkata	3228(P) /MT/PO. 3045 Dt. 26.05.08
12	Pig Casting Machine	-	M/s. Rotamech Consultants & Engineers Pvt Ltd.	LOI/BAFA/09/04/01 Dt.27.10.2009
13	Pig Casting Machine	Rourkela Steel Plant	M/s. METCO, Kolkata	3440(P) /MT/PO. 3614 Dt. 17.12.09
14	Pig Casting Machine	SEW ABHIJEET Group	M/s. Rotamech Consultants & Engineers Pvt Ltd.	SEW/04/82/10-11 Dt.30.06.2010



SL. NO.	SYSTEM DESCRIPTION	FOR	CLIENT	PURCHASE ORDER
01	Anode Caster	Sterlite Project, Tuticorin	SMS Demag Pvt. Ltd., Delhi	J215/15/5051 Dt. 14.01.03
02	Stoker Lubrication	M/s. CFL, Zambia	ISGEC, Delhi	0786/VCD/0094/4386/1191 Dt. 26.08.2002
03	Stoker Lubrication	Haidergarh Chinni Mills	ISGEC, Delhi	0586/VCP/0094/4056 Dt. 31.01.2003
04	Mould Lubrication System for 2-Strand Billet Caster	Shyam Ferro Alloys, Durgapur	GA Danieli India Limited	FP/1453/UG Dt.15.10.2003
05	Grease Lubrication system for Converter	JSW Steel Ltd.	JSW Steel Ltd.	JSW/VJNR/C/7MT/700 05/3563 Dt.06.11.2007
06	Grease Lubrication system for 2 x 175T RH Degasser and Converter	JSW Steel Ltd.	JSW Steel Ltd.	JSW/VJNR/C/7MT/700 05/6664 Dt.09.07.2008

Numerous System for steel Mill cranes (over 200) including Hot Metal Ladle Crane, rotating trolley cranes and light, medium and heavy duty (upto 200t.) E.O.T. Cranes for MUKAND, SOUTHERN STRUCTURALS, KHANDELWAL UDYOG,, TISCO, HEC etc.



Sl. No.	Application Area	Qty. in SETS	Type of System	End user	Client	P.O. No.
01.	Ladle Turret Drive Pinion of 'Demag' (ISPL) Slab Caster	1 Set	Multi-line Spray System.	M/s. Alloy Steel Plant, Durgapur	Demag (ISPL)	BCM/501/3865 Dt. 29.05.84
02.	Ladle Turret Drive Pinion of 'Demag' (ISPL) Billet Caster	1 Set	Multi-line Spray System.	M/s. Sunflag Steel Ltd.,	Demag (ISPL)	MBD/173/8592 Dt. 05.03.87
03	Ladle Turret Drive Pinion of 'Demag' Slab Caster	2 Sets	Multi-line Spray System.	M/s. Jindal Vijayanagar Steel Ltd., Toranagalu	Demag	9501/043/2876 Dt. 05.06.96
04	Spray Nozzles supplied in replacement of imported defective spray nozzles in Demag Slab Caster (2 Nos.)	4 Sets of Nozzles	Multi-line Spray System.	M/s. Essar Steel Ltd.	M/s. Essar Steel Ltd.	HRC/SMS/450002316 Dt.02.07.97
05	Spray Nozzles supplied in replacement of imported defective spray nozzles in Demag Slab Caster (2 Nos.)	10 Sets of Nozzles	Multi-line Spray System.	M/s. Essar Steel Ltd.	M/s. Essar Steel Ltd.	HRC/CCM/450008116 Dt.26.06.98
06	Ladle Turret Drive Pinion of 'Concast' Billet Caster	1 Set	Multi-line Spray System.	M/s. Usha Martin Industries Ltd.	M/s. Usha Martin Industries Ltd	CAL/VASD/HJ/2000-33663 Dt. 30.10.02
07	Drive Pinion for 300T. Mixer	1 Set	Multi-line Spray System.	M/s. SISCO	M/s. TATA Growth Shop	GRS/MKB/6507/A 62867/17 Dt. 22.01.97
08	Slew Drive Pinions for Stacker Reclaimer featuring automatic change over of spray valve	1 Set	Multi-line Spray System.	M/s. Essar Steel Vizag Port Facility (now, taken over by M/s. Hy-Grade Pellets)	M/s. Essar Steel Ltd.	P05/1.08/L/239 Dt. 03.12.94

operation depending on the direction of rotation of the Slew Drive.						
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Sl. No.	Application Area	Qty. in SETS	Type of System	End user	Client	P.O. No.
09	Slew Drive Pinions for rotating Stackers.	2 Sets	Dual-line Spray System.	Coal Handling Plant at Paradip Port Trust	M/s. Larsen & Toubro Ltd., Chennai	CM/30160/065 / P1/R/DNC/6/C/13098 Dt.25.8.98/26.10.99
10	Slew Drive Pinions for rotating Reclaimer.	2 Sets	Dual-line Spray System.	Coal Handling Plant at Paradip Port Trust	M/s. Larsen & Toubro Ltd., Chennai	CM/30160/DNC/12389 Dt. 21.08.98
11.	Slew Drive Pinions for Anode Caster	2 Sets	Multi Line	Sterlite Twin Wheel Caster Project, Titucorin	M/S. SMS Demag	J215/15/5051 Dt. 14.01.2003
12.	Girth Gear Pinion Drives	2 Sets	Dual line Pneumatic	M/s. Usha Martin Industries Ltd.	M/s. Usha Martin Industries Ltd.	JSR/UASD/HJ / 2003-33203 Dt. 01.08.03
13.	Girth Gear Pinion Drives	2 Sets	Multi Line	M/s. Visakhapatnam Steel Plant	Visakhapatnam Steel Plant	Pur.3.15.054/86/P/ 5540 Dt. 18.10.03
14.	Girth Gear Pinion Drives	8 Sets	Multi Line	M/s. Jindal Steel & Power Ltd.	Jindal Steel & Power Ltd.	4234002128 Dt. 26.08.03
15.	Girth Gear Pinion Drives	2 Sets	Dual Line Pneumatic	Radha Madhav Industries Ltd.	Radha Madhav Industries Ltd.	RMIPL/BSP/ 2003-04/55/133 Dt. 10.04.03
16.	Kiln Inlet	1 Set	Dual line	M/s. Usha Martin Industries Ltd.	M/s. Usha Martin Industries Ltd.	374629/07 -08 Dt.16.05.2007
17	Reactor Feed End Air Seal, Reactor Discharge End Air Seal, Cooler Feed End Air Seal & Cooler Discharge End Air Seal and Spray Lubrication Systems for Girth Gear Lubrication for Reactor and Cooler for 350 TPD DRI Plant	4 Sets for Air Seal and 2 Sets. Spray	Dual line And Multiline	M/s. Usha Martin Industries Ltd.	M/s. Usha Martin Industries Ltd.	110556/07-08 Dt.29.10.07
18	Grease Lubrication System for 350TPD Sponge Iron	3 Sets Seal, 2 Sets Support Roller & Thrust Roller	Dual line And Multiline	Sunflag Iron & Steel Co. Ltd.	Sunflag Iron & Steel Co. Ltd.	SF:PROJ:KILN :5899 Dt.27.11.2010

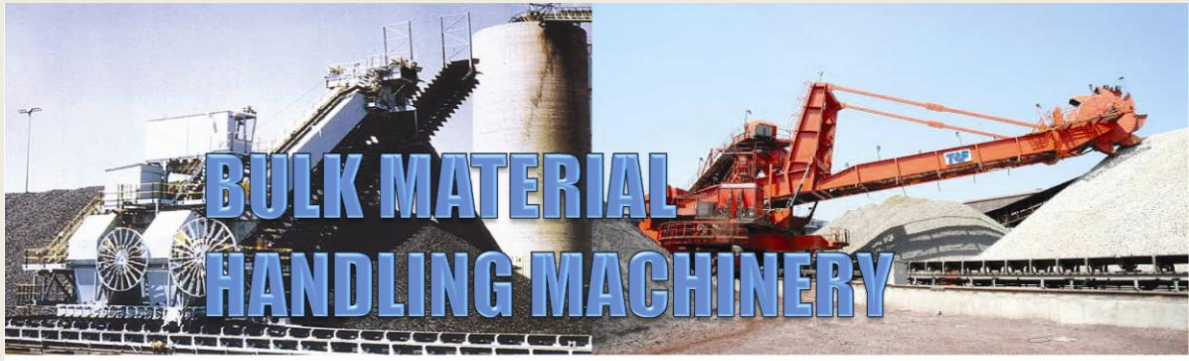


<i>Sl. No.</i>	<i>P.O. No. & Date</i>	<i>Name of the Customer</i>	<i>Application</i>
01.	PPEX/501251/PPG/DSC Dt.06.11.89	M/s. L&T Ltd.	Folax Cooler
02.	PPEX/501252/PPG/DSC Dt.08.11.89	- Do -	Cyclone Preheater for Pneumatic seal
03.	PPEX/513819/JIM/DSC Dt.16.08.90	- Do -	Misc. Lub. Equpt.
04.	PCAW/926174/RRC/DSC Dt.06.03.92	- Do -	Screw Conveyor
05.	PCAW/926163/RRC/DSC Dt.13.03.92	- Do -	Screw Conveyor
06.	PCJW/92209/RRC/DSC Dt.18.02.92	- Do -	Screw Conveyor
07.	PCEW/934022/RRC/DSC Dt.11.06.92	- Do -	Centralised Grease Lub. System
08.	PCHW/924162/RRC/DSC Dt.02.06.92	- Do -	Cyclone Preheater
09.	PCEW/933219/RRC/DSC Dt.15.10.92	- Do -	Cyclone Preheater
10.	PPEX/93529/DSC/PPG Dt.09.09.92	- Do -	Folax Cooler
11.	PPEX/19303/DSC/PPG Dt.27.02.84	- Do -	Folax Cooler
12.	PPEX/19520/DSC/PPG Dt. 24.05.84	- Do -	Cyclone Preheater
13.	PPEX/19615/DSC/PPG Amdt. No.1 Dt.29.06.84 Dt.28.08.84	- Do -	Feed Hood Seal
14.	PPEX/19684/DSC/PPG Amdt. No.1 Dt.18.07.84 Dt.25.07.84	- Do -	Dryer Outlet Hood
15.	PPEX/55346/DSC/PPG Dt.27.11.84	- Do -	Cyclone Preheater
16.	PPEX/553845/DSC/PPG Dt.09.05.85	- Do -	Folax Cooler
17.	PPEX/553113/DSC/PPG Dt.27.11.84	- Do -	Cyclone Preheater
18.	PPEX/563482/PPG/DSC Dt.20.03.86	- Do -	Misc. Lub. Equpt.
19.	PKBO/670831/GKP Dt.31.07.87	- Do -	Misc. Lub. Equpt.
20.	PKBO/680504/GKP Dt.31.03.88	- Do -	Misc. Lub. Equpt.
21.	PKBO/600353/GKP Amdt. No.1 Dt.17.08.89 Dt.31.08.89	- Do -	Misc. Lub. Equpt.
22.	PCEW/933219/RRC/DSC Dt.15.01.92	- Do -	Misc. Lub. Equpt.
23.	PKBO/630440/GKP Dt.25.11.92	- Do -	Misc. Lub. Equpt.
24.	PKBO/630439/GKP Dt.25.11.92	- Do -	Misc. Lub. Equpt.
25.	PCHW/924497/RRC/DSC Dt.01.02.92	- Do -	Folax Cooler
26.	PCHW/924498/RRC/DSC Dt.02.02.93	- Do -	Screw Conveyor
27.	PCHW/924697/RRC/DSC Dt.02.02.93	- Do -	Screw Conveyor
28.	PCEW/941501/RRC/DSC Dt.08.04.93	- Do -	Cyclone Preheater Pneumatic seal for Smoke Chamber
29.	PCEW/941937/RC/DSC Dt.29.06.93	- Do -	Cyclone Preheater Pneumatic Seal
30.	PCEW/942068/RRC/DSC Dt.04.01.94	- Do -	- Do -

<i>Sl. No.</i>	<i>P.O. No. & Date</i>	<i>Name of the Customer</i>	<i>Application</i>
31.	PCGW/928215/RRC/DSC Dt.02.03.94	M/s. L&T Ltd.	Cyclone Preheater Pneumatic Seal
32.	PCEW/950854/RRC/DSC Dt.11.06.94	- Do -	- Do -
33.	PCEW/930165/RRC/DSC Dt.29.03.93	- Do -	Folax Cooler
34.	PCEW/930051/RRC/DSC Dt.21.01.93	- Do -	Cyclone Preheater
35.	PCEW/941506/RRC/DSC Dt.23.04.93	- Do -	Folax Cooler
36.	PCEW/942475/RRC/DSC Dt.20.09.93	- Do -	Folax Cooler
37.	PCEW/939110/RRC/DSC Dt.13.02.93	- Do -	Folax Cooler
38.	PCGE/928473/RRC/DSC Dt.27.07.94	- Do -	Coolax Cooler
39.	PCGW/928486/RRC/DSC Dt.05.08.94	- Do -	Screw Conveyor
40.	PCGW/928486/RRC/DSC Dt.08.08.94	- Do -	Screw Conveyor
41.	PKBO/650753/RSS Dt.08.02.95	- Do -	Misc. Lub. Eqpt.
42.	PCEC/963003/RRC/DSC Dt.05.05.95	- Do -	Folax Cooler
43.	PCGW/928473/RRC/DSC Dt.29.07.94	- Do -	Coolax Cooler
44.	PCGW/928485/RRC/DSC Dt.05.08.94	- Do -	Screw Conveyor
45.	PCGW/928486/RRC/DSC Dt.08.08.94	- Do -	Misc. Lub. Eqpt.
46.	PCEW/951400/RRC/DSC Dt.27.01.95	- Do -	Gr. Lub. System
47.	PCEW/953849/RRC/DSC Dt.13.03.95	- Do -	Cyclone Preheater Pneumatic Seal
48.	PCHW/963402/RRC/DSC Dt.08.04.95	- Do -	Misc. Lub. Eqpt.
49.	PKBO/660479/AKM Dt.13.11.95	- Do -	Grease Pump
50.	PCEW/965421/RRC/DSC Dt.06.02.96	- Do -	Misc. Lub. Eqpt.
51.	PCKW/960330/RRC/DSC Dt.06.03.96	- Do -	Centralised Lub. System
52.	PCGW/928995/RRC/DSC Dt.06.03.96	- Do -	Centralised Lub. System
53.	PCEW/965421/RRC/DSC Dt.06.02.96	- Do -	Cyclone Preheater Pneumatic Seal
54.	PCEW/971120/RRC/DSC Dt.15.04.96	- Do -	Cyclone Preheater Pneumatic Seal
55.	PCTW/961051/NB/DSC Dt.05.06.96	- Do -	Kiln Seal Lubricator
56.	PCTW/961067/NB/DSC Dt.27.06.96	- Do -	RAR 50 Separator
57.	PCTW/961068/NB/DSC Dt.28.06.96	- Do -	Coolax Cooler
58.	PCEW/971283/NB/DSC Dt.15.07.96	- Do -	Coolax Cooler
59.	PCKW/960432/NB/DSC Dt.01.08.96	- Do -	Sepax Separator
60.	PCTW/961095/NB/DSC Dt.01.08.96	- Do -	Sepax Separator

Sl. No.	P.O. No. & Date	Name of the Customer	Application
61.	GCW/ST/2307/MPS/ MSB/11662 Dt.27.12.96	M/s.L&T Ltd.	Lubrication System
62.	PCEW/973423/VSP/DSC Dt.04.02.97	- Do -	Coolax Cooler
63.	PCMW/970341/VSP/DSC Dt.12.03.97	- Do -	Screw Conveyor
64.	PCKW/960432/NB/DSC Dt.01.08.96	- Do -	Sepax Separator
65.	PCEW/973423/VSP/DSC Dt.04.02.97	- Do -	Misc. Lub. Eqpt.
66.	PCTW/980050/VSP/DSC Dt.21.06.97	- Do -	Screw Conveyor
67.	PCEW/981643/VSP/DSC Dt.12.09.97	- Do -	Coolax Cooler
68.	PCEW/985018/VSP/DSC & Amdt. No.1 Dt.13.12.97 Dt.15.05.98	- Do -	Sepax Separator for Binani Dubai
69.	PCNW/984861/VSP/DSC Dt.07.01.98	- Do -	Screw Conveyor
70.	PCTW/985017/VSP/DSC Dt.10.12.97	- Do -	Box Feeder
71.	PCTW/980200/VSP/DSC Dt.19.03.98	- Do -	Grit Separator
72.	APCP/CP/RRS/62622/ AKM/070033 Dt.09.04.98	- Do -	Metering Manifold
73.	PCTW/980204/VSP/DSC Dt.13.04.98	- Do -	Misc. Lub. Eqpt.
74.	PCKW/985417/VSP/DSC Dt.22.05.98	- Do -	Sepax Separator
75.	PCKW/985359/VSP/DSC Dt.31.03.98	- Do -	Screw Conveyor
76.	PCKW/985424/VSP/DSC Dt.17.06.98	- Do -	Screw Conveyor
77.	GCW/ST/340157/MPS/ APK/042209 Dt.13.06.98	- Do -	Lubrication Spares
78.	GCW/ST/340157/MPS/ 044069 Dt.17.06.98	- Do -	Misc. Lub. Eqpt.
79	PCDW/985665/VSP/DSC Dt.14.07.98	- Do -	Screw Conveyor
80	APCP/P1/DRS/63468/ AKM/071192 Dt.29.06.98	- Do -	Misc. Lub. Eqpt.
81	PCPW/985681/VSP/DSC Dt.27.07.98	- Do -	Sepax Separator
82	APCP/ST/PSRK/064125/ SM/083471 Dt.15.09.98	- Do -	Misc. Lub. Eqpt.
83	APCP/ST/PCRK/064125/ SM/083554 Dt. 05.10.98	- Do -	Sepax Separator
84	PCEW/990048/VSP/DSC Dt.10.11.98	- Do -	Screw Conveyor
85	PCEW/990051/VSP/DSC Dt.10.11.98	- Do -	Screw Conveyor
86	GCW/ST/340572/MDS/ PRR/42659 Dt.21.01.99	- Do -	Misc. Lub. Eqpt.
87	Zuari Cement PUR/2001/ ME/SP/0096/98-99 Dt.04.12.98	- Do -	Misc. Lub. Eqpt.
88.	43039 Dt.29.05.99	- Do -	Misc. Lub. Eqpt.
89	APCP/ST/70534/GSR/95495 Dt.17.07.99	- Do -	Misc. Lub. Eqpt.
90	BCNW/1001245/MR/DSC Dt.07.08.99	- Do -	Screw Conveyor
91	BCEW/1036098/MR/DSC Dt.20.05.99	- Do -	Screw Conveyor

Sl. No.	P.O. No. & Date	Name of the Customer	Application
92	BCAW/1000465/HJB/DSC Dt.30.09.99	M/s. L&T Ltd.	RAR Separator
93	ORCEM/2253/5155/2263 Dt.26.09.97	Orient Cement	Folax Cooler
94	PCEW/100382/VSP/DSC Dt.04.01.2000	L&T Ltd.	Pneumatic Seal
95	JFD/CP/11784/NPR/TSG/ 65079 Dt.16.02.2000	Narmada Cement	Gr. Lub. System
96	BCDW/2100077/HJB/SC Dt.22.05.2000	L&T Ltd.	Gr. Lub. System
97	PCEW/510247/VSP/DSC Dt.29.07.2000	L&T Ltd.	Coolax Cooler
98	PCEM-45000-01458-VSP Dt.30.08.2000	L&T Ltd.	Sepax Separator
99	CEMENT-V/45000-03073/HJB Dt. 18.01.2000	L&T Ltd.	Grease Lub. System for Sepax Separator
100	PCEM/45000-09197/VSP Dt. 27.06.02	L&T Ltd.	Grease Lub. System for Grate Cooler
101	GCW:STOP:40008280:VIS:PRB Dt. 01.07.2002	L&T Ltd.	Grease Lub. System for 8 Nos. Screw Conveyors
102	PCEM/45000-12443/VSP Dt. 15.01.2003	L&T Ltd.	Grease Lub. System for Kiln Inlet Pneumatic Seal for Smoke Chamber
103	PCEM/45000-16968/BSP Dt. 19.09.2003	L&T Ltd.	Grease Lubrication System for ROKS Separator
104	PCEM/45000-17221/BSP Dt. 02/10/2003.	L&T Ltd.	Grease Lubrication System for Sepax Separator
105	PCEM/45000-20655/BSP Dt.05.03.2004	L&T Ltd.	Grease Lubrication System for Sepax Separator
106	APCW:CPPO:50015075:SM:TKMR:111237 Dt. 04.11.04	L&T Ltd.	Grease Lubrication System for Air Separator



SL. NO.	NAME OF THE CUSTOMER	APPLICATION	P.O. NO.& DATE	COMMENTS
01	WMI(MAN) Ltd.	Twin boom Stacker for Bokaro Steel Plant	SUL36/FEDO/M/AFMC/006 Dt.25.09.84	1 SET
02	WMI(MAN) Ltd.	Stacker-cum-Reclaimer	Drg.No. LO-092 (1984)	1 SET
03	Jessop, Vizag	Twin Boom Stacker	Drg.No.LO-095 (1984)	1 SET
04	Elecon Engrs. Ltd.	Barrel Reclaimer	B804071/75/CO:1134 Dt.04.05.88	1 SET
05	Elecon Engrs. Ltd.	Barrel Reclaimer	B904553/JSCO/1178 Dt.21.02.89 & B904552/JSCO1193 Dt. 23.02.89	1 SET
06	TRF Ltd.	Massieter Reclaimer (Ore Reclaimer)	CD/8079567 Dt.11.01.89	2 SETS
07	Greaves Cotton Ltd.	Ore Reclaimer for Durgapur Steel Plant	CPR:ORD:63A-003024 Dt. 01.11.90	3 SETS
08	Essar Steel Ltd.	Slewing Stacker	PO5/1.08/L/239 Dt. 03.12.94	1 SET
09	Tata Matls. Handling Systems Ltd.	60t./40M L/L Crane for MDL, Mumbai	TMG/94 2 039/011 Dt.5.5.95	1 SET
10	TRF Ltd.	20T. L/L Crane for Kandla Port	4B5670 Dt.12.06.95	1 SET
11	Tata Matl. Handling Systems Ltd.	Stacker-Reclaimer for TGS, MISL	GRS/4589/A52727/1/1 Dt.17.07.95	2 SETS
12	Tata Matl. Handling systems Ltd.	Stacker-Reclaimer for TGS,MESCO	GRS/4589/A512524/1/1 Dt.05.12.95	2 SETS
13	Tata Matl. Handling systems Ltd.	10t. L/L Crane for Cochin Port	PO/95 2 048/05 Dt.31.07.96	1 SET
14	Tata Matl. Handling systems Ltd.	10/15t. L/L Crane for VPT	PO/97 2 059/19 Dt. 18.12.97	7 SETS
15	Larsen & Toubro Ltd.	Bucket Wheel Reclaimer for Paradip Port Trust	CM/30160/DNC/12389 Dt.21.08.98	2 SETS

SL. NO.	NAME OF THE CUSTOMER	APPLICATION	P.O. NO.& DATE	COMMENTS
16	TATA Growth Shop, Jamshedpur	10T. L/L Crane for Mumbai Port Trust	GRS/AMB/9504/A 91937/1/1 Dt.8.6.99	8 NOS.
17	Larsen & Toubro Ltd.	Stacker Reclaimer for NTPC, Simhadri	Q00010/PR/972025 Dt.07.10.99	2 SETS
18	Larsen & Toubro Ltd.	Bucket Wheel Reclaimer for Paradip Port Trust	CM/30160/865/P1/R/D NC/6/C/13098 Dt.25.08.99 & 26.10.99	2 SETS
19	Tata Matls. Handling Systems Ltd.	10t. L/L Crane for VPT	PO 99 2 077/18 Dt. 14.07.2000	8 NOS.
20	Larsen & Toubro Ltd., Chennai	15 t. L/L Crane for Chennai Port Trust	M 00010/PR 106584 Dt. 26.07.01	4 NOS.
21	Larsen & Toubro Ltd., Chennai	Ash Conveyor for NTPC – Dadri	LTCG:HQ-MATLS.DSK:1322 Dt. 06.08.01	1 NO.
22	Larsen & T-oubro Ltd., Chennai	Stacker-Reclaimer for NTPC – Talcher	Q 00010/PR 102171 Dt. 26.09.01	1 NO.
23	TRF, Kolkata	Stacker-Reclaimer for NTPC-Talcher	P&YE/PO/00 6 080/12 Dt.15.12.01	2 NOS.
24	TRF, Kolkata	20t. L/L Crane for Tuticorin Port Trust	01 2 082 /SM/01/ 2750 Dt.07.12.01	3 NOS.
25	L&T Ltd., Chennai	Slew Ring & B/W Bearing of Stacker Reclaimer for ISPHL, Haldia	CO2000/EPR00022 Dt. 23.01.03	4 Nos.
26	TRF Ltd., Kolkata	26t. x 38m. L/L Kangaroo Crane	P&YE/PO/02 2 087/27 Dt. 12.05.2003	1 No.
27	TRF Ltd., P&Y Divn., Kolkata	Grease Lubrication Systems for Stacker Reclaimer, Twin Boom Stacker, Barrel Reclaimer and Transfer Car for RMBBY Expansion Project for TATA Steel.	P&YE/PO 03 6 095 /35 Dt.27.02.2004	7 Nos.
28.	TATA Growth Shop	EOT Cranes for LD#1	410066 Dt. 09.01.2004	2 Nos.
29.	TATA Growth Shop	EOT Cranes for LD#1	410358 Dt. 05.02.2004	3 Nos.
30.	McNally Bharat Engg. Co. Ltd.	Grease Pumps for 16T ELL Crane at Kandla Port Trust.	4681 Dt.8.12.2003	5 Nos.
31.	Larsen & Toubro Ltd., ECC, Chennai	10T. Barge Unloader for M/s. Lafarge Surma Project	45000-17934 Dt. 10.09.04	1 No.

SL. NO.	NAME OF THE CUSTOMER	APPLICATION	P.O. NO.& DATE	COMMENTS
32	TATA Growth Shop	Ladle Cranes for LD#2	410983 Dt. 16.04.2004	7 Nos.
33	Larsen & Toubro Ltd., ECC, Chennai	Bucket Wheel Shaft Bearing and Slew ring for NTPC, Vindhyachal	D02900/EPR00597 Dt.05.05.05	2 Sets.
34	Larsen & Toubro Ltd., ECC, Chennai	Bucket Wheel Shaft Bearing and Slew ring for VSPL Project	H01060/EPR00030 Dt.23.02.05	2 Sets
35	Larsen & Toubro Ltd., ECC, Chennai	Bucket Wheel Shaft Bearing & Slew Ring for Stacker Reclaimer of Coal Handling Plant for JSPL	CO2690/EPR00005 Dt.30.08.2005	One Set
36	Sandvik Asia Ltd.	Rail Mounted Bucket Wheel Boom type Reclaimer for HGPL at OHC, VPT	V-010021 Dt.23.12.2005	One Set
37	TRF Ltd.	Stacker Reclaimer for Bhushan Ltd.	P&YE/PO 05 6 115/17 Dt.17.01.06	4 Sets
38	TRF Ltd.	Stacker Reclaimer for GMDC, Akrimota	P&YE/PO 02 6 086/26 Dt.23.02.06	One Set
39	TRF Ltd.	Stacker Reclaimer for DVC Chandrapura	P&YE/PO/05 6 118/25 Dt.12.04.06	Two Sets
40	Elecon Engineering Co. Ltd.	Barrel Reclaimer, M/c. No.HM 338 for Bokaro Steel Plant	A801:CO:1693:MIV :01491 Dt.24.04.06	Two Sets (One Set for Grease and One set for Oil)
41	TRF Ltd.	Stacker Reclaimer & Wagon Loader for Hooghly Met Coke Haldia	P&YE/PO/06 6 128/14 Dt.31.08.2006	Three Sets (Two Sets for Stacker Reclaimer and one set for Wagon Loader)
42	FFE Minreals India Pvt. Ltd.	Stacker cum Reclaimer Bogie Wheel	JSL-CHS/12148 Dt.21.11.2006	One set
43	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring of S/r-2, 3 & 4 and Bucket Wheel for BSSL	C02830/EPR00031 Dt.22.01.2007	3 Sets.
44	TRF Ltd.	Slewing Stacker for South Africa Lubrication Systems	P&YE/PO/06 6 133/18 Dt.20.01.2007	One Set
45	TRF Ltd.	Stacker Reclaimer for Amarkantak Lubrication Systems	P&YE/PO/06 6 134/15 Dt.23.02.2007	One Set
46	Larsen & Toubro Ltd., ECC, Chennai	Bucket Wheel Shaft Bearing and Slew Ring for NTPC-Barh	C02840/EPR00444 Dt.12.04.2007	4 Sets.
47	TRF Ltd.	Bucket Wheel for Stacker Reclaimer for GEA Energy System (India) Ltd.	P&YE/PO/06 6 141/07 Dt.24.04.2007	One Set

SL. NO.	NAME OF THE CUSTOMER	APPLICATION	P.O. NO.& DATE	COMMENTS
48	Vizag Seaport Pvt.Ltd.	Bucket Wheel Shaft Bearing and Slew ring	VSPL/BMHS/020/07-08 Dt.30.06.3007	Two Sets
49	TRF Ltd.	Motorised Lubrication System for 2 Nos. Stacker Reclaimer for Iron Ore of Yard Machine for Krishnapatnam Port Trust	P&YE/PO/07 6 153/22 Dt.10.09.2007	Two Sets
50	TRF Ltd.	Motorised Lubrication System for 1 No. Stacker Reclaimer and 1 No. Ship Loader for Coal of Yard Machine for Krishnapatnam Port Trust	P&YE/PO/07 6 153/30 Dt.10.09.2007	Two Sets
51	TRF Ltd.	Motorised Lubrication System for 1 No. Slewing Stacker and Manual Lubrication Systems for 2 Nos Ship Unloader of Yard Machine for Krishnapatnam Port Trust	P&YE/PO/07 6 153/18 Dt.10.09.2007	Three Sets
52	TRF Ltd.	Motorised Lubrication System for 1 No. Slewing Stacker and Manual Lubrication Systems for 2 Nos Ship Unloader of Yard Machine for Krishnapatnam Port Trust	P&YE/PO/07 6 153/18 Dt.10.09.2007	Three Sets
53	TRF Ltd.	Motorised Lubrication System for 1 No. Stacker Reclaimer Petcoke for BHEL, BINA	P&YE/PO/07 6 162/7 Dt.04.06.2008	One Set
54	TRF Ltd.	Motorised Lubrication System for 1 No. Stacker Reclaimer for BHEL, BINA	P&YE/PO/07 6 164/7 Dt.04.06.2008	One Set
55	TRF Ltd.	Motorised Lubrication System for 2 Nos. Yard Machines for LANCO Project, Karnataka	P&YE/PO/07 5 170/01 Dt.04.06.2008	One Set
56	TRF Ltd.	Motorised Lubrication System for 1 No. Slewing Stacker, 2 Nos. Stacker Reclaimer and 2 Nos. Wagon Loader for JSPL, Barbil	P&YE/PO/07 6 166/06 Dt.27.06.2008	One Set
57	Sandvik	Ship Unloader for CICTPL at Ennore Port	SAL/KOL/ND/3136/2786 Dt.03.09.2008	Two Sets
58	FL Smidth Minerals Pvt. Ltd.	Slew Bearing, Bucket Wheel, Traveling Car and Tripper Car Bend Pulleys for Adani BWSR Project.	FLSM/B/1637 Dt.26.02.2009	One Set
59	TRF Ltd.	Stacker Reclaimer for Sharda Project	P&YE/PO/07 6 168 /28 Dt.07.05.2009	One Set
60	FL Smidth Minerals Pvt. Ltd.	Slew Bearing, Bucket Wheel, Traveling Car and Tripper Car Bend Pulleys for Adani BWSR Project.	FLSM/B/2542 Dt.25.05.2009	One Set

SL. NO.	NAME OF THE CUSTOMER	APPLICATION	P.O. NO.& DATE	COMMENTS
61	International Seaport Haldia Pvt. Ltd.	Bucket Wheel and Slew Ring	ISPHL/Spares-B4A/ORDER/09-10/48 Dt.27.05.2009	One Set

62	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring and Bucket Wheel for Kodarma	C01820/EPR00894 Dt.10.06.2009	2 Sets.
63	TRF Ltd.	Scraper Reclaimer for Bhushan Power & Steel, Jharsuguda, Orissa	P&YE/PO/08 6 178 / 27 DT.22.07.2009	2 Sets
64	TRF Ltd.	Stacker and Recalimer for Doosan Project at Indonesia	PO / 3009197017 Dt 14.08.2009	One Set
65	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring and Bucket Wheel for TATA Steel Projects-Joda	C03370/EPR00125 Dt.05.11.2009	1 Set
66	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring and Bucket Wheel for TATA Steel Projects-Noamundi	C03360/EPR00114 Dt.05.11.2009	1 Set
67	TRF Ltd.	Motorised Lubrication System for JPL, TAMNAR, RAIGARH	3009212010 Dt.11.12.2009	One Set
68	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring and Bucket Wheel for BSSL	C02830/EPR00261 Dt.20.03.2010	7 Sets
69	TRF Ltd., Jamshedpur	One sets Dual Line Automatic Centralised Grease Lubrication System	4500000455/50/BMHE Dt.20.02.2010	One Set
70	TRF Ltd., Jamshedpur	One sets Dual Line Automatic Centralised Grease Lubrication System	450000124/50/BMHE Dt.12.03.2010	One Set

71	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring and Bucket Wheel for RMHS 1 IRON & PLATE HANDLING SYSTEM	C03380/EPR00255 Dt.19.05.2010	1 Set
72	Sandvik Asia Pvt. Ltd.	One set for Long Travel Arrangement and Carriage and one set Bucket Wheel for RINL,VSP	P007982 Dt.20.08.2010	One Set
73	TRF Ltd., Jamshedpur	4 sets Dual Line Automatic Centralised Grease Lubrication System for Roller Screen, DVC, Raghunathpur	4500002368/50/ BMHE Dt.12.06.2010	4 Sets
74	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring and Bucket Wheel for BSSL	C02830/EPR00295 Dt.21.08.2010	1 Set
75	METSO Minerals	Dual Line Automatic Grease Lubrication System for Barrel Recalimer for Noamundi, TATA	MM/L&T/RECLAIME R/01 Dt.16.09.2010	1 Set
76	TRF Ltd.	Twin Boom Stacker Reclaimer for TATA Steel, Jamshedpur	4700000438 Dt.08.10.2010	One Set
77	TRF Ltd.	Stacker Reclaimer for TATA Steel, Jamshedpur	4700000461 Dt.12.10.2010	Three Sets
78	TRF Ltd.	One Slewing Stacker and One Bucket Wheel Reclaimer for NALCO, Angul, Orissa	4700000462 Dt.12.10.2010	Three Sets
79	Larsen & Toubro Ltd., ECC, Chennai	Slew Ring and Bucket Wheel for RMHS 02	C03381/EPR00059 Dt.11.11.2010	1 Set
80	Larsen & Toubro Ltd., ECC, Chennai	Group Lubrication Systems for 4 Nos. Reclaimers and 3 Nos. Stacker Reclaimers of Bhushan	BMH/CUHS6525/LOI/ GLS/AC Dt.24.11.2010	23 Sets
81	METSO Minerals	Dual Line Automatic Grease Lubrication System for Portal Recalimer (PSR-2, PSR-4 & PSR-5) for JSPL, Angul	4500224706 Dt.17.03.2011	1 Set
82	Sandvik Asia Pvt. Ltd.	Centralised Grease Lubrication System for 2 Nos. Stacker Reclimer for Mechanisation of GCB at Vishakhapatnam Port.	SAL/KOL/3151/ND/5 055 Dt.30.07.2011	One Set
83	FLSMIDTH PVT. LTD.	Centralised Grease Lubrication System for Stacker Reclaimer for SAIL Bolani	FLSM/B/25018 DT.08.08.2011	Six sets
84	Elecon Engineering Company Limited	Centralised Grease Lubrication System for Wagon Loader for SAIL Meghahatuburu Project	95345 Dt.20.12.2011	Two sets
85	Sandvik Asia Pvt. Ltd.	Centralised Grease Lubrication System for Luffing Stacker, Bridge Reclaimer & circular Machine Lubrication System.	SAL/KOL/3154/ND Dt.23.03.2012	One Set

86	Sandvik Asia Pvt. Ltd.	Centralised Grease Lubrication System for Conveyors for GCB at Vizag Port	E-mail Dt. 05.04.2012	One Set
87	TRF Ltd.	Multiple Outlet Oil Spray Lubrication Systems for Scraper Reclaimer for Bhushan Steel	4700001551 Dt.13.04.2012	One Set
88	L & T Ltd	Yard Machines at BSL,-Angul	E4678PO2000019 Dt.16.4.2012	Eight Sets
89	L & T Ltd	Grease Lubrication for -Plummer Blocks for Tripper -Discharge Pully & Plummer Tripper Structure of -BSL SCR - 2 Machine	E4827PO2000015 Dt.16.4.2012	Two Sets

