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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
234	MMK Magnitogorsk Russia	2007	Duplex unit	370	BOF	Flat product Pipe grades With powder blowing	
233	Baoshan Iron & Steel Corp. Shanghai P.R. of China	2005	Stationary-type Transformer rating 45 MVA PCA	300	BOF	Flat product	Via SBE
232	Essar Steel Ltd. Hazira India	2005	Stationary-type Transformer rating 28 MVA CEA	150		Flat product	
231	Isdemir Iskenderun Turkey	2005	Twin station Transformer rating 36 MVA PCA	200	BOF	Flat Product	
230	Isdemir Iskenderun Turkey	2005	Twin station Transformer rating 36 MVA PCA	200	BOF	Flat product	
229	Jindal Steel & Power Ltd. Raigarh, Cattisgarh India	2004	Stationary-type Transformer rating 17 MVA CEA	100		Bloom/beam blank	
228	Ispat Stahlwerk Ruhrort Duisburg Duisburg Germany	2004	Stationary-type	120	BOF		
227	Shanghai Extension Shanghai P. R. of China	2004	Stationary-type Transformer rating 25 MVA PCA	135	EAF		Via SBE
226	OAO KEMZ Kaluga Russia	2004	Stationary-type Transformer rating 20 MVA PCA (Cu)	120	EAF		



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225	Celsa Manufacturing UK Cardiff Great Britain	2004	Stationary-type Transformer rating 20 MVA PCA (Cu)	155	EAF	Long products	
224	TISCO Tata Iron and Steel Co.,Ltd. Jamschedpur, Jharkhand India	2003	Stationary-type Transformer rating 24 MVA CEA	155	BOF	Long products	
223	Jindal Steel & Power Ltd. Raigarh, Cattisgarh India	2003	Stationary-type Transformer rating 17 MVA CEA	100	EAF	Bloom/beam blank	
222	Jiuquan Iron & Steel Jiuquan P. R. of China	2003	Stationary-type Transformer rating 15 MVA CEA	120	EAF		
221	Baoshan Iron & Steel Corp. Shanghai No. 1 Shanghai P.R. of China	2002	Stationary-type DIR Transformer rating 25 MVA Electrode arm PCA	150	EAF		Via SBE
220	Jindal Steel & Power Ltd. Raigarh India	2002	Stationary-type DIR Transformer rating 17/15 MVA Electrode arm CEA	60-100	EAF	Bloom/beam blank	
219	China Steel Corp. Kaohsiung Taiwan, R.O.C.	2004	Stationary-type DIR Transformer rating 25 MVA Electrode arm PCA (Cu)	150	BOF		
218	Profilarbed Differdingen Differdange Luxembourg	2002	Stationary-type WCR Transformer rating 30/36 MVA	155	EAF		Revamp of roof
217	ISCOR Ltd. Vanderbijlpark South Africa	2002	Stationary-type DIR Transformer rating 28 MVA Electrode arm PCA (Cu)	170-185	BOF		Revamp of existing LF by PCA + DIR etc



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216	Jindal Vijayanagar Steel Ltd. Toranagallu, Karnataka India	2001	Stationary-type Transformer rating 20 MVA	120		Flat product	
215	Panzhihua Iron & Steel Corp. Panzhihua P.R. of China	2001	Stationary-type WCR Transformer rating 22 MVA Electrode arm PCA (Cu)	130	BOF		Two ladle transfer cars
214	Celsa Barcelona Spain	2001	Stationary-type WCR Transformer rating 20 MVA Electrode arm CEA	140	EAF	Long products	
213	Celsa Barcelona Spain	2001	Stationary-type WCR Transformer rating 20 MVA Electrode arm CEA	140	EAF	Long products	
212	Tube Works Severski Severski GUS	2001	Twin station DIR Transformer rating 20 MVA Electrode arm DMA	100-120	EAF	Long products	Tubes
211	Alstom Power Foundry Elblag Poland	2001	Stationary-type WCR Transformer rating 9 MVA Electrode arm PCA (Cu)	25-60	EAF		
210	Aubert & Duval Les Ancizes France	2000	Stationary-type WCR Transformer rating 12 MVA Electrode arm CEA	25-60	EAF		LF with VD
209	POSCO Pohang Iron & Steel Co. Pohang No.1 BOF Korea	2000	Stationary-type WCR Transformer rating 20 MVA Electrode arm PCA (Al)	115	BOF	Flat product	
208	Rico Echeverria Zaragoza Spain	2000	Stationary-type DIR Transformer rating 15 MVA Electrode arm CEA	70	EAF		



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207	Baotou Steel & Rare Earth Corp. Baotou P.R. of China	2000	Stationary-type WCR Transformer rating 35 MVA Electrode arm CEA	210	BOF	Flat product	
206	Griffin Wheel Tulsa, OH USA	2000	Stationary-type WCR Transformer rating 8-9 MVA Electrode arm DMA	25-32	EAF		for wheel casting
205	Kaptan Demir Celik Istanbul Turkey	2000	Stationary-type WCR Transformer rating 18 MVA Electrode arm PCA (Cu)	100	EAF	Long products	
204	Handan Iron & Steel Handan P.R. of China	1999	Stationary-type WCR Transformer rating 20 MVA Electrode arm PCA (Cu)	120	BOF	Flat product	
203	NUCOR Steel Corp. Hertford Country, NC USA	1999	Twin station SIR Transformer rating 28-31 MVA Electrode arm PCA (Cu)	165	EAF	Flat product	
202	ZISCO Steel Plant Bulawayo Zimbabwe	1999	Stationary-type WCR Transformer rating 12-14 MVA Electrode arm CEA	60	BOF	Long products	
201	Thyssen Krupp Stahl AG Duisburg-Bruckhausen Germany	1999	Twin station SIR Transformer rating 50-55 MVA Electrode arm PCA (Cu)	380-400	BOF	Flat product	Two heating positions
200	Altos Hornos de Mexico S.A. Monclova Mexico	1998	Stationary-type WCR Electrode arm CEA	150	BOF	Flat product	
199	IPSCO Regina Canada	1998	Twin station SIR Transformer rating 20-22,5 MV Electrode arm CEA	135	EAF	Flat product	Two heating positions



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
198	POSCO Pohang Iron & Steel Co. Kwangyang No. 1 Korea	1998	Stationary-type WCR Transformer rating 45 MVA Electrode arm PCA (Cu)	275	BOF	Flat product	
197	Megasteel Sdn. Bhd. Kuala Lumpur Malaysia	1998	Stationary-type WCR Transformer rating 28 MVA Electrode arm CEA	160	EAF	Flat product	
196	Megasteel Sdn. Bhd. Kuala Lumpur Malaysia	1998	Stationary-type WCR Transformer rating 28 MVA Electrode arm CEA	160	EAF	Flat product	
195	Sidenor Basauri Spain	1998	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	120-130	EAF		
194	Sidenor Basauri Spain	1998	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	120-130	EAF		
193	Steel Dynamics Whitley County, IN USA	1998	Stationary-type DIR Transformer rating 22 MVA Electrode arm CEA	100-109	EAF		
192	Steel Dynamics Whitley County, IN USA	1998	Stationary-type DIR Transformer rating 22 MVA Electrode arm CEA	100-109	EAF		
191	Nova Hut Ostrava Czech Republic	1998	Stationary-type DIR Transformer rating 28 MVA Electrode arm PCA (Cu)	205	BOF		
190	ISCOR Vanderbijlpark South Africa	1998	Stationary-type DIR Transformer rating 30 MVA Electrode arm PCA (Cu)	170-185	BOF		



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
189	Carribbean Ispat Point Lisas Trinidad	1998	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	110-120	EAF	Flat product	
188	TISCO Tata Iron and Steel Co.,Ltd. Jamschedpur, Jharkhand India	1997	Stationary-type Transformer rating 20 MVA	140	BOF	Long products	
187	TISCO Tata Iron and Steel Co.,Ltd. Jamschedpur, Jharkhand India	1997	Stationary-type Transformer rating 22 MVA	140	BOF	Long Products	
186	Kardemir Karabuk Demir Celik Karabuk Turkey	1997	Stationary-type WCR Transformer rating 16 MVA Electrode arm CEA	85	BOF	Long products	
185	Gavazzistal S.A. Indet Carvas Sevarin Romania	1997	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	80-100	EAF meltshop		Order on hold
184	Sicartsa Lazaro Cardenas Mexico	1997	Stationary-type DIR Transformer rating 23 MVA Electrode arm DMA	90-120	BOF	Long products	
183	Sicartsa Lazaro Cardenas Mexico	1997	Stationary-type DIR Transformer rating 23 MVA Electrode arm DMA	90-120	EAF	Long products	
182	MAC Steel Fort Smith, AR USA	1997	Stationary-type DIR Transformer rating 12 MVA Electrode arm CEA	50	BOF		Two ladle transfer cars
181	Xinjiang Bayi Steel Urumqi P.R. of China	1997	Stationary-type DIR Transformer rating 13 MVA Electrode arm DMA	70	EAF		Via DMPT



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
180	NOSTA AG Novotroitsk Russia	1997	Sleuable-type DIR Transformer rating 20 MVA Electrode arm PCA (Cu)	90-120	EAF		Two heating positions
179	Rautaruukki Oy Torino Finland	1997	Stationary-type DIR Transformer rating 20 MVA Electrode arm CEA	100-120	EAF		
178	CLI Creusot Loire Industrie La Creusot France	1997	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	60-100	EAF		Existing transformer
177	Rourkela Steel Plant Roukela Orissa India	1996	Stationary-type Transformer rating 14 MVA	70	BOF		
177	Jindal Steel & Power Ltd. New Dehli India	1997	Stationary-type DIR Transformer rating 20 MVA Electrode arm CEA	100-130	BOF	Long products	
176	NUCOR Steel Corp. Berkeley, SC USA	1996	Twin station SIR Transformer rating 16-18 MVA Electrode arm PCA (Cu)	150	EAF	Flat product	Two heating positions
175	NUCOR Steel Corp. Berkeley, SC USA	1996	Twin station SIR Transformer rating 16-18 MVA Electrode arm PCA (Cu)	150	EAF	Flat product	Two heating positions
174	Nippon Denro Ispat Ltd. Dolvi India	1996	Twin station SIR Transformer rating 30-33 MVA Electrode arm PCA (Cu)	180	EAF	Flat product	
173	ANSDK Alexandria Egypt	1996	Stationary-type WCR Transformer rating 18 MVA Electrode arm PCA (Cu)	81	EAF	Long products	



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172	ANSDK Alexandria Egypt	1996	Stationary-type WCR Transformer rating 18 MVA Electrode arm PCA (Cu)	81	EAF	Long products	
171	Tuscaloosa Steel Tuscaloosa, AL USA	1996	Stationary-type SIR Transformer rating 23 MVA Electrode arm CEA	136	EAF	Flat product	
170	NKK Corp. Kemanan Malaysia	1996	Stationary-type WCR Transformer rating 14 MVA Electrode arm CEA	75	EAF	Long products	
169	NKK Corp. Kemanan Malaysia	1996	Stationary-type WCR Transformer rating 14 MVA Electrode arm CEA	75	EAF	Long products	
168	Acme Steel Riverdale, IL USA	1996	Stationary-type SIR Transformer rating 16 MVA Electrode arm CEA	82	BOF	Flat product	
167	Acme Steel Riverdale, IL USA	1996	Stationary-type SIR Transformer rating 16 MVA Electrode arm CEA	82	BOF	Flat product	
166	Aços Finos Piratini (Gerdau S.A.) Charqueadas, RS Brazil	1996	Stationary-type RR Transformer rating 10 MVA Electrode arm CEA	50	EAF		
165	Siam Strip Mill Rayon Thailand	1996	Slewable-type DIR Transformer rating 22 MVA Electrode arm DMA	130	EAF	Flat product	Two heating positions
164	Siam Strip Mill Rayon Thailand	1996	Slewable-type DIR Transformer rating 22 MVA Electrode arm DMA	130	EAF	Flat product	Two heating positions



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163	Nova Hut Ostrava Czech Republic	1996	Stationary-type DIR Transformer rating 28 MVA Electrode arm PCA (Cu)	205	BOF		
162	Saldanha Steel Saldanha Bay South Africa	1996	Slewable-type DIR Transformer rating 33 MVA Electrode arm DMA	170	EAF		Two heating positions
161	Wuhan Iron & Steel Corp. Wuhan P.R. of China	1996	Stationary-type DIR Transformer rating 30 MVA Electrode arm CEA	250	BOF		
160	Wuhan Iron & Steel Corp. Wuhan P.R. of China	1996	Stationary-type DIR Transformer rating 30 MVA Electrode arm CEA	250	BOF		
159	Qualitech Steel Pittsboro USA	1996	Slewable-type DIR Transformer rating 18 MVA Electrode arm DMA	100	EAF		Two heating positions
158	CF & I Steel Corp. Pueablo, CO USA	1995	Twin station SIR Transformer rating 16 MVA Electrode arm CEA	135	EAF	Long products	Two heating positions
157	Salzgitter Stahl AG Peine Germany	1995	Stationary-type WCR Transformer rating 14 MVA Electrode arm CEA	100	EAF	Long products	
156	ICDAS, Istanbul Istanbul Turkey	1995	Stationary-type WCR Transformer rating 18 MVA Electrode arm PCA (Cu)	100	EAF	Long products	
155	POSCO Pohang No.2 BOF Korea	1995	Stationary-type WCR Transformer rating 45 MVA Electrode arm PCA (Al)	300	BOF	Flat product	



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154	CSN Companhia Siderurgica National Volta Redonda Brazil	1995	Stationary-type WCR Transformer rating 38 MVA Electrode arm PCA (Cu)	225	BOF	Flat product	
153	Gallatin Steel Warsaw, KY USA	1995	Stationary-type WCR Transformer rating 22,3-25 MV Electrode arm CEA	180	EAF	Flat product	
152	British Steel plc Redcar (Teesside) Great Britain	1995	Stationary-type WCR Transformer rating 42 MVA Electrode arm CEA	265	BOF	Flat/long products	
151	Jiangyin Xingcheng Special Steel Jiangyin P.R. of China	1995	Slewable-type DIR Transformer rating 15 MVA Electrode arm DMA	100	EAF		
150	Nakorn Thai Strip Mill Bowin, Chonburi Thailand	1995	Twin station DIR Transformer rating 30 MVA Electrode arm PCA (Cu)	180	EAF		
149	Nakorn Thai Strip Mill Bowin, Chonburi Thailand	1995	Twin station DIR Transformer rating 30 MVA Electrode arm PCA (Cu)	180	EAF		
148	SC Industria Sarmai SA Cimpia Turzii Romania	1995	Stationary-type DIR Transformer rating 15 MVA Electrode arm PCA	75	EAF		
147	Zlatoust Iron & Steel Zlatoust GUS	1995	Stationary-type RR/WCR Transformer rating 5 MVA Electrode arm DMA	11-13			
146	Krupp Stahl AG Siegen-Geisweid Germany	1995	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	130	EAF		Revamping



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
145	British Steel plc Redcar (Teesside) Great Britain	1995	Stationary-type DIR Transformer rating 42 MVA Electrode arm CEA	265	BOF	Flat/long products	
144	Profilarbed Esch-Belval Esch Luxembourg	1995	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	155	EAF		
143	IPSCO Muscatine, Iowa USA	1995	Slewable-type DIR Transformer rating 25 MVA Electrode arm DMA	135	EAF		Two heating positions
142	Suzhou Steel Suzhou P.R. of China	1995	Stationary-type DIR Transformer rating 18 MVA Electrode arm PCA(Al)	100	EAF		
141	Huta Labedy (ELSTAL) Gliwice Poland	1995	Stationary-type DIR Transformer rating 10 MVA Electrode arm PCA(Al)	60	EAF		
140	Hwan Young Industria Chungnam Korea	1995	Stationary-type DIR Transformer rating 18 MVA Electrode arm PCA(Cu)	100			
139	Ellwood Steel Servaing Belgium	1995	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	85			Existing transformer
138	Indal Vijayanagar Steel Ltd. Toranagallu India	1995	Stationary-type DIR Transformer rating 20 MVA Electrode arm CEA	130	BOF		
137	Huta Batory Katovice Poland	1995	Stationary-type DIR Transformer rating 5,5 MVA Electrode arm DMA	25	EAF		



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136	Rarsh TUYA Ispat Nigam (VIZAG) Visakhapatnam India	1995	Stationary-type DIR Transformer rating 24 MVA Electrode arm CEA	150	BOF		
135	EKO Stahl GmbH Eisenhüttenstadt Germany	1995	Stationary-type DIR Transformer rating 30 MVA Electrode arm PCA (Cu)	245	BOF		Ladle turret
134	Compania Sid. de California Mexico Mexico	1995	Stationary-type WCR Transformer rating 10 MVA	65			
133	Baotou Steel & Rare Earth Corp. Baotou P.R. of China	1993	Stationary-type DIR Transformer rating 14 MVA Electrode arm DMA	83			
132	Baotou Steel & Rare Earth Corp. Baotou P.R. of China	1993	Stationary-type DIR Transformer rating 14 MVA Electrode arm DMA	83			
131	Zapsib Novokusnezsk GUS	1995	Stationary-type WCR Transformer rating 40 MVA	350			
130	Carribbean Ispat Point Lisas, Couva Trinidad	1995	Stationary-type DIR Transformer rating 25 MVA Electrode arm CEA	135	EAF		
129	Ahwaz Steel Ahwaz Iran	1994	Stationary-type WCR Transformer rating 26 MVA Electrode arm CEA	160	EAF	Long products	EAF Modernisation
128	Kia Steel III Seoul Korea	1994	Stationary-type DIR Transformer rating 13 MVA Electrode arm PCA (Cu)	60	EAF		



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127	Yieh United Steel Corp. Kaohsiung Taiwan, R.O.C.	1994	Stationary-type DIR Transformer rating 17 MVA Electrode arm DMA	100	EAF		
126	Lloyd Steel II New Dehli India	1994	Stationary-type DIR Transformer rating 10 MVA Electrode arm CEA	50	EAF		
125	Profilarbed Differdingen Differdange Luxembourg	1994	Stationary-type WCR Transformer rating 30-36 MVA	155	EAF		
124	Monteforno S.A. Ticino Switzerland	1994	Stationary-type WCR Transformer rating 20 MVA Electrode arm DMA	85	EAF		
123	Namakwa Sands Ltd. Kapstadt South Africa	1994	Slewable-type WCR Transformer rating 6 MVA Electrode arm DMA	30		Pig Iron	
122	Kia Steel II Seoul Korea	1994	Stationary-type DIR Transformer rating 13 MVA Electrode arm PCA (Cu)	60	EAF		
121	Nova Hut Ostrava Czech Republic	1994	Stationary-type DIR Transformer rating 28 MVA Electrode arm PCA (Cu)	205	BOF		
120	Karl Liebknecht (Nishnedneprowski) Ukraine	1994	Stationary-type WCR Transformer rating 12 MVA Electrode arm CEA	120			
119	Galati Galatin Romania	1994	Stationary-type WCR Transformer rating 25 MVA	100			



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118	MSA Belo Horizonte Brazil	1993	Stationary-type WCR Transformer rating 15 MVA Electrode arm PCA (Cu)	80			
117	Rourkela Steel Plant Rourkela India	1992	Stationary-type DIR Transformer rating 20 MVA Electrode arm CEA	140	BOF		
116	LTV Steel Co., Inc. Cleveland, Ohio USA	1992	Stationary-type DIR Transformer rating 36 MVA	220			
115	Geneva Steel Vineyard, UT USA	1992	Stationary-type DIR Transformer rating 30 MVA	225	BOF		
114	TISCO Tatra India	1992	Stationary-type DIR Transformer rating 20 MVA Electrode arm CEA	140	BOF		
113	Trinecke Zelezarny AS Trinec Czech Republic	1992	Stationary-type DIR Transformer rating 26 MVA Electrode arm CEA	180	BOF		
112	Ipromet Calarasi Romania	1992	Stationary-type WCR Transformer rating 25 MVA Electrode arm PCA (Cu)	160	EAF		
111	Huta Katowice Katovice Poland	1992	Stationary-type DIR Transformer rating 40 MVA Electrode arm PCA (Cu)	300	BOF		
110	Kia Steel Seoul Korea	1992	Stationary-type DIR Transformer rating 13 MVA Electrode arm PCA (Cu)	60	EAF		



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109	Wuhan Iron & Steel Corp. Shop No. 3 Wuhan P.R. of China	1992	Stationary-type DIR Transformer rating 30 MVA Electrode arm CEA	250	EAF		
108	Tianjin General Seamless Tube Tianjin P.R. of China	1992	Stationary-type WCR Transformer rating 24 MVA Electrode arm CEA	150	EAF		
107	SIDERCA S.A. Calarasi Romania	1991	Stationary-type WCR Electrode arm PCA (Cu)	100			Existing transformer
106	Sider, El Hadjar El Hadjar Algeria	1991	Stationary-type WCR Transformer rating 25 MVA	80	EAF		
105	Warren Consolidated Ind. Ohio USA	1991	Stationary-type WCR Transformer rating 33 MVA	170	BOF		
104	Gulf States Gadsden, AL USA	1991	Stationary-type DIR Transformer rating 25 MVA	180	BOF		
103	Oregon Steel Portland, OR USA	1991	Slewable-type DIR Transformer rating 33 MVA	90			Two heating positions
102	Thyssen Krupp Stahl AG Duisburg-Ruhrort Germany	1991	Stationary-type DIR Transformer rating 22 MVA	140	BOF		
101	Hoogovens Ijmuiden Netherlands	1991	Stationary-type DIR Transformer rating 18 MVA	100	BOF		



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100	Boel La Louviere Belgium	1991	Stationary-type DIR Transformer rating 14,4 MVA Electrode arm DMA	85	BOF		
099	Arvedi Cremona Italy	1991	Stationary-type DIR Transformer rating 18 MVA	100	EAF		
098	P.T. Tosan Prima Murni Tosan Indonesia	1991	Stationary-type WCR Transformer rating 10 MVA Electrode arm PCA (Cu)	70	EAF		
097	Sivas Izmir Turkey	1991	Stationary-type WCR Transformer rating 10 MVA	90			
096	ENSIDESA Gijon Spain	1990	Stationary-type WCR Electrode arm PCA	120	BOF	Flat product	
095	Krupp VDM GmbH Unna Germany	1990	Stationary-type RR Electrode arm PCA	20-30	EAF	Flat product	
094	Egyptian Copper Works Egypt Egypt	1990	Slewable-type WCR Transformer rating 16 MVA Electrode arm CEA	50	EAF	Long products	
093	Perwaja Trengganu SDN, BHP Trangganu Malaysia	1990	Stationary-type WCR Transformer rating 16 MVA Electrode arm CEA	82	EAF	Long products	
092	NTS Steel Groups Co. Ltd. Bangkok Thailand	1990	Stationary-type WCR Transformer rating 14,4 MVA Electrode arm PCA (Cu)	75	EAF	Long products	



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
091	Mac Steel Jackson, Michigan USA	1990	Stationary-type WCR Transformer rating 12 MVA	70			
090	Steel Company, Pernik Pernik Bulgaria	1990	Stationary-type DIR Transformer rating 18 MVA	110			
089	Steel Company, Pernik Pernik Bulgaria	1990	Stationary-type DIR Transformer rating 18 MVA	110	EAF		
088	Inland Steel Co. Chicago, Illinois USA	1990	Stationary-type DIR Transformer rating 20 MVA Electrode arm PCA (Cu)	118	BOF		
087	Edelstahlwerke Buderus AG Wetzlar Germany	1990	Stationary-type WCR Transformer rating 25 MVA Electrode arm PCA (Cu)	90			Ladle turret
086	C.S. Guadalajara Mexico	1990	Stationary-type WCR Transformer rating 10 MVA	65	EAF		
085	Cemtas A.S. Izdemir Turkey	1990	Stationary-type WCR Transformer rating 6 MVA	25	EAF		
084	Madhya Pradesh Iron & Steel Gwalior India	1990	Stationary-type DIR Transformer rating 13 MVA Electrode arm CEA	70	EAF		
083	Manitoba Rolling Mills Canada	1990	Stationary-type DIR Transformer rating 2,5 MVA	50	EAF		



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082	Kangwon Industrial Co., Ltd. Pohang Pohang Korea	1989	Stationary-type RR Transformer rating 20 MVA Electrode arm CEA	75	EAF		
081	LTV Steel Co., Inc. Cleveland, Ohio USA	1989	Stationary-type WCR Transformer rating 45 MVA Electrode arm CEA	sht-280	BOF	Flat product	
080	Perwaja Trengganu SDN, BHP Trangganu Malaysia	1989	Stationary-type WCR Transformer rating 15-17 MVA Electrode arm CEA	82	EAF	Long products	
079	Arbed Differdingen Differdange Luxembourg	1989	Stationary-type WCR Transformer rating 30-36 MVA Electrode arm CEA	125-185	BOF	Long products	
078	Q.I.T. Canada	1989	Stationary-type WCR Transformer rating 22 MVA Electrode arm PCA (Cu)	100			
077	Cosigua Brazil	1989	Stationary-type WCR Transformer rating 25 MVA	120			
076	Klöckner GmbH Bremen Germany	1989	Slewable-type DIR Transformer rating 24 MVA	125	BOF		
075	Vereinigte Schmiedewerke GmbH Hattingen Hattingen Germany	1989	Slewable-type DIR Transformer rating 22 MVA	135	BOF		
074	Evergreen Heavy Industrial Corp. Taiwan, R.O.C.	1989	Stationary-type RR Transformer rating 6 MVA	25	EAF		



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
073	Sammi Steel Seoul Korea	1989	Stationary-type WCR Transformer rating 15 MVA	100	EAF		
072	SWB Brandenburg Brandenburg Germany	1989	Stationary-type WCR Transformer rating 24 MVA	150	EAF		
071	Georg Fischer Switzerland	1989	Slewable-type WCR Transformer rating 6 MVA	45			
070	ISL (Lloyd Steel) India	1989	Stationary-type WCR Transformer rating 10 MVA Electrode arm CEA	50	EAF		
069	SIDOR Venezuela	1989	Stationary-type WCR Transformer rating 24 MVA	150-300			
068	SIDOR Venezuela	1989	Stationary-type WCR Transformer rating 24 MVA	150			
067	POSCO Kwangyang No.2 BOF Korea	1988	Stationary-type WCR Transformer rating 42 MVA Electrode arm PCA (Cu)	250	BOF	Flat product	
066	Rouge Steel Corp. Dearborn, Michigan USA	1988	Stationary-type WCR Electrode arm PCA	250	BOF	Flat product	
065	Bethlehem Steel Corp. Johnstown, PA Bethlehem, Pennsylvania USA	1988	WCR Transformer rating 22 MVA	150			



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
064	Atlantic Steel Atlanta, GA USA	1988	Stationary-type WCR Transformer rating 20 MVA	105			
063	IVACO Canada	1988	Stationary-type WCR Transformer rating 16 MVA	70-90			
062	USS Lorain Ohio USA	1988	WCR Transformer rating 25 MVA	200	BOF		
061	Armco, Kansas City Kansas City USA	1988	WCR Transformer rating 24 MVA	150			
060	POSCO Pohang No.1 BOF Korea	1987	Stationary-type WCR Transformer rating 20 MVA Electrode arm PCA (Cu)	110	BOF	Flat product	
059	Thyssen Edelstahlwerke (TEW) Witten Germany	1987	Stationary-type WCR Transformer rating 20 MVA Electrode arm CEA	110	EAF	Long products	Ladle transfer car
058	Nedstaal Alblasserdam Netherland	1987	Stationary-type WCR Electrode arm CEA	40	EAF	Long products	Ladle transfer car
057	Boschgotthardshütte O.Breyer GmbH Siegen Germany	1987	Slewable-type WCR Transformer rating 4,8 MVA	25			
056	Aceriasa Spain	1987	WCR Transformer rating 20 MVA	120			



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
055	ITALSIDER Bagnoli Italy	1987	Stationary-type WCR Transformer rating 24 MVA	150	BOF		
054	Benteler Stahlwerke Lingen Germany	1987	Slewable-type DIR Transformer rating 15 MVA	85			Two heating positions
053	SIDERCA S.A. Argentina	1987	Stationary-type WCR Transformer rating 12 MVA	80			
052	National Forge Co. Irvine, PA USA	1986	Stationary-type WCR Electrode arm CEA	125	EAF	Long products	
051	Thyssen AG Thyssen Niederrhein Oberhausen Germany	1986	Stationary-type WCR Transformer rating 20-24 MVA Electrode arm CEA	130	EAF	Long products	Ladle transfer car
050	Eisentooling New Zealand	1986	Movable gantry WCR Transformer rating 12,5 MVA	45			Movable LHF
049	Krupp Stahl AG Geisweid Germany	1986	Stationary-type WCR Transformer rating 25 MVA Electrode arm PCA (Cu)	140			
048	Krupp Stahl AG Rheinhausen Germany	1986	Stationary-type WCR Transformer rating 36 MVA	130-300			
047	Krupp Stahl AG Bochum Germany	1986	Stationary-type WCR Transformer rating 45 MVA	70		Flat product	



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
046	Arbed Saarstahl Völklingen Germany	1986	Sleuable-type WCR Transformer rating 20,6 MVA	125			
045	MEGASA Spain	1986	Stationary-type WCR Transformer rating 12 MVA	55	EAF		
044	SIDERCA S.A. Argentina	1986	Stationary-type WCR Transformer rating 12 MVA	80	EAF		
043	NJ Norsk Jemverk Mo. Norway	1986	Stationary-type WCR Transformer rating 12 MVA	85	EAF		
042	Sunflag India	1986	Stationary-type WCR Transformer rating 9 MVA	50	EAF		
041	Monteforno S.A. Ticino Switzerland	1985	Sleuable-type WCR Transformer rating 20 MVA	85	EAF		
040	Usines Gustave Boël La Louviere Belgium	1985	Stationary-type WCR Transformer rating 14,4 MVA	85	BOF		
039	Acciaierie Tubificio Arvedi S.p.A. Italy	1985	Sleuable-type WCR Transformer rating 15 MVA	55		Flat product	
038	Cia. Siderurgica Huachipato S. A. Huachipato Chile	1984	Stationary-type RR Electrode arm CEA	22	EAF	Flat product	



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NO	CUSTOMER	YEAR	TYPE OF UNIT	HEAT SIZE T	MELTING UNIT	PRODUCTS	REMARKS
037	Sheffield Forgemasters Eng. Ltd. River Don Works Great Britain	1984	Stationary-type RR Electrode arm CEA	110	EAF	Ingots	
036	Kalyani Steels Ltd. Poona India	1984	Stationary-type WCR Electrode arm CEA	25	EAF	Long products	
035	Georgetown Steel Georgetown, SC USA	1984	WCR Transformer rating 17 MVA	85			
034	Aceros de Llodio Spain	1984	WCR Transformer rating 6 MVA	35			
033	Hitachi Zosen Tokyo Japan	1984	Stationary-type WCR Transformer rating 3,5 MVA	30		Stainless steel	
032	Maximilianhütte mbH Sulzbach-Rosenberg Germany	1983	Slewable-type WCR Transformer rating 4 MVA Electrode arm CEA	60	BOF	Long products	
031	Outokompu Oy, Tornio Tornio Finland	1983	Slewable-type WCR Transformer rating 4 MVA Electrode arm CEA	60	EAF/BOF	Long products	2 electrodes
030	Tamsa Tamsa Mexico	1983	Slewable-type WCR Transformer rating 10 MVA Electrode arm CEA	120			
029	UTM Seraing Belgium	1981	Slewable-type RR Transformer rating 2,5 MVA Electrode arm CEA	80	BOF	Long products	2 electrodes



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<i>NO</i>	<i>CUSTOMER</i>	<i>YEAR</i>	<i>TYPE OF UNIT</i>	<i>HEAT SIZE T</i>	<i>MELTING UNIT</i>	<i>PRODUCTS</i>	<i>REMARKS</i>
	Up to no. 28 for different customers						