

View	Name	Order num	Order notes	Order pump	Order year of su	Order pipe	End user	Oracle cus
	55 SHANXI N	1 -		1	2013 -		SHANXI N-	
	56 SHIJIAZHI	2 -		2	2013 -		SHIJIAZHI-	
	57 SINGHITA	3 -		3	2013	2.5	UNKNOWN -	
	58 TECK CO,	4 -		1	2013 -		-	-
	59 TRN ENEI	5 -		2	2013 -		TRN ENEI-	
	60 YONG HU	6 -		2	2013 -		YONG HU	3226
	61 ADITYA B	7 -		3	2012 -		ADITYA A -	
	62 CHHATTIS	8 -		3	2012 -		GMR ENERGY LTD.	
	63 CHRISTM.	9 -		2	2012	8.1	FMG	-
	64 COPPER I	10 -		1	2012 -		COPPER I-	
	65 ESSAR G	11 -		3	2012 -		ESSAR S1	3307
	66 HUINENG	12 -		3	2012 -		HUINENG -	
	67 KPS HOFI	13 -		4	2012 -		KPS HOFI-	
	68 LANCO AI	14 -		3	2012 -		LANCO AI-	
	69 LANCO VI	15 -		3	2012 -		LANCO VI-	
	70 LAS BAME	16 -		8	2012 -		XSTRATA-	
	71 NORILSK	17 -		2	2012 -		NORILSK	1647
	72 PUCHENC	18 -		6	2012 -		PUCHENC-	
	73 RESOLUT	19 -		2	2012 -		RESOLUT-	
	74 SAMARCC	20 -		6	2012 -		SAMARCC	4261
	75 SAMARCC	21 -		6	2012 -		SAMARCC	4261
	76 SELENE	22 -		1	2012 -		HOCHSCH-	
	77 SHIHLIEN	23 -		3	2012 -		SHIHLIEN-	
	78 SHIHLIEN	24 -		3	2012 -		SHIHLIEN-	
	79 SOLOMOI	25 -		2	2012	4.5	FMG	-
	80 SYNGAS -	26 -		4	2012 -		SYNGAS -	
	81 TAKUMA I	27 -		2	2012 -		TAKUMA I-	
	82 TSK RAKL	28 -		1	2012 -		TSK RAKL-	
	83 TSK SOR	29 -		3	2012 -		TSK SOR-	
	84 USIMINAS	30 -		1	2012 -		USIMINAS-	
	85 ZHAOFEN	31 -		2	2012 -		ZHAOFEN-	
	86 ABHIJEET	32 -		2	2011 -		NO DATA -	
	87 BHUSHAN	33 -		3	2011 -		BHUSHAN-	
	88 CADIA EA	34 -		1	2011 -		-	-
	89 CADIA EA	35 -		1	2011 -		NEWCRE:-	
	90 CHANDRA	36 -		3	2011 -		MAHAGEI-	
	91 CHINO MI	37 -		1	2011 -		FREEPOF-	
	92 CORREGO	38 -		2	2011 -		ANGLO G -	
	93 CSPGCL I	39 -		2	2011 -		CSPGCL I-	
	94 ENGELS	40 -		1	2011 -		RWE	-
	95 ERNEST I	41 -		2	2011 -		GLENCOF-	
	96 GMR EMC	42 -		2	2011 -		GMR EMC-	
	97 HINDALCO	43 -		3	2011 -		HINDALCO	1899
	98 HIRATSUI	44 -		1	2011 -		-	-
	99 HONGSIF	45 -		3	2011 -		HONGSIF-	
	100 KAMALAN	46 -		4	2011 -		GMR KAM-	
	101 KWPCLA	47 -		2	2011 -		KWPCLA-	
	102 LEDVICE	48 -		4	2011 -		CEZ	2142
	103 LONGKOL	49 -		1	2011 -		LONGKOL	7426
	104 MARWA	50 -		3	2011 -		CSPGCL I-	
	105 PANZHIH	51 -		3	2011	97	PANZHIH-	
	106 PARLI	52 -		2	2011 -		MAHANGI-	
	107 PUEBLO \	53 -		2	2011 -		PUEBLO \	7171
	108 RATNAGIRI	54 -		2	2011 -		-	-
	109 SATPURA	55 -		3	2011 -		MPPGCL I-	
	110 SHANHUA	56 -		4	2011 -		SHANHUA-	
	111 TAGANITC	57 -		4	2011 -		TAGANITC	7425
	112 TOROMOI	58 -		10	2011 -		CHINALCO	7393

113	TSK HOKU	59 -	2	2011 -	TSK HOKU -	
114	UCHALINS	60 -	1	2011 -	UCHALINS	7445
115	UKAI	61 -	2	2011 -	GSECL UI -	
116	WEIHE	62 -	1	2011 -	WEIHE -	
117	YUTIANHI	63 -	3	2011 -	YUTIANHI -	
118	AGNICO E	64 -	2	2010 -	- -	
119	AMURSK	65 -	2	2010 -	POLYMET	7349
120	BALCO KC	66 Captive Power	4	2010 -	BALCO VE	3316
121	BHUSAW	67 -	5	2010	10 MAHAGEI -	
122	DA HONG	68 -	2	2010	171 DA HONG	3320
123	ENGELS	69 -	1	2010 -	RWE -	
124	Centinela	70 former Esperan	1	2010	144 ESPERAN -	
125	ESSAKAN	71 -	3	2010 -	-	7351
126	HEBEI ST	72 -	4	2010 -	HEBEI ST -	
127	JINDAL AI	73 -	4	2010 -	JINDAL P(-	
128	KHAPERK	74 -	3	2010 -	MAHAGEI -	
129	KORBA E/	75 -	3	2010 -	CSPGCL I -	
130	KORBA W	76 -	3	2010 -	CSPGCL I -	
131	LAS CENI	77 -	1	2010 -	LAS CENI -	
132	Lihir - New	78 -	2	2010 -	Lihir Islanc	7345
133	LUOYANG	79 -	3	2010 -	LUOYANG	6142
134	LUOYANG	80 -	2	2010 -	LUOYANG	6142
135	MAUDA	81 -	3	2010 -	NTPC MAI -	
136	NIOBEC	82 -	2	2010 -	- -	
137	NORILSK	83 -	2	2010 -	- -	
138	PARAGOM	84 -	6	2010 -	HYDRO P.	7546
139	PARAGOM	85 -	1	2010 -	HYDRO P.	7546
140	PUEBLO \	86 -	6	2010 -	PUEBLO \	7171
141	TOKYO SI	87 -	1	2010 -	TOKYO SI -	
142	UTKAL RE	88 -	2	2010 -	UTKAL AL -	
143	WUWEI	89 -	4	2010 -	ANHUI HL -	
144	AGUABLA	90 -	1	2009 -	- -	
145	ARCATA F	91 -	1	2009 -	HOCHSCI -	
146	BAOTOU	92 -	3	2009	145 BAOTOU	6728
147	BRAHMAN	93 -	2	2009	200 BRAHMAN -	
148	CHALCO C	94 -	5	2009 -	CHALCO (-	
149	COMPANI	95 -	1	2009 -	COMPANI	2191
150	Centinela	96 Former Esperan	1	2009	144 ESPERAN -	
151	ESSAR D/	97 -	4	2009	271 ESSAR ST	3307
152	JHAJJAR	98 -	5	2009 -	NTPC AP(-	
153	LANJIGAF	99 -	2	2009 -	VEDANTA	3316
154	LANJIGAF	100 -	3	2009 -	VEDANTA	3316
155	LONGKOL	101 -	4	2009 -	LONGKOL	7426
156	LOS PELA	102 -	2	2009 -	LOS PELA -	
157	NIKOLAEV	103 -	2	2009 -	RUSAL, S	2815
158	NORILSK	104 -	2	2009 -	- -	
159	PARAS - M	105 -	1	2009 -	MAHAGEI -	
160	PARLI	106 -	1	2009 -	MAHAGEI -	
161	WEIHE	107 -	2	2009 -	WEIHE	3007
162	WENSHAI	108 -	4	2009 -	WENSHAI -	
163	WORSLEV	109 -	2	2009 -	BHP BILLI	3229
164	YANCHAN	110 -	2	2009 -	YANCHAN -	
165	AMBATOV	111 -	10	2008 -	-	5662
166	ANGLO AI	112 former MMX	10	2008	550 ANGLO AI	4800
167	ANGLO AI	113 former MMX	8	2008	550 ANGLO AI	4800
168	ARCATA F	114 -	1	2008	2.4 HOCHSCI -	
169	ARGYLE	115 -	2	2008 -	RIO TINT(-	
170	CAYELI B/	116 -	1	2008 -	CAYELI B,	2195
171	CAYMAN	117 -	1	2008 -	CAYMAN	4621

172 CBA	118 -	2	2008	21.4 CBA	-	
173 HECLA LL	119 -	2	2008 -	HECLA LL	-	
174 HINDALCO	120 -	2	2008 -	HINDALCO	-	1899
175 HINDALCO	121 -	2	2008 -	HINDALCO	-	1899
176 HINDALCO	122 -	2	2008 -	HINDALCO	-	1899
177 INCO SOL	123 -	1	2008 -	-	-	
178 JHARSUG	124 -	6	2008	11 SESA STE	-	3316
179 JHARSUG	125 -	2	2008	5 SESA STE	-	3316
180 KITTLA	126 -	2	2008 -	-	-	7301
181 NALCO AI	127 -	3	2008	10 NALCO AI	-	
182 NALCO D	128 -	1	2008	6.5 NALCO D	-	
183 NANCHUA	129 -	4	2008 -	NANCHUA	-	
184 NORILSK	130 -	2	2008 -	-	-	1647
185 ONESTEE	131 -	1	2008	63 ARRIUM	-	
186 REDFERN	132 -	1	2008 -	-	-	
187 RIDGEWA	133 -	1	2008 -	NEWCRE	-	
188 SURALCC	134 -	1	2008	6.2 ALCOA SI	-	5200
189 UTKAL	135 -	2	2008 -	UTKAL AL	-	
190 ALCAN G	136 -	1	2007 -	PACIFIC A	-	4040
191 APS CHOI	137 -	3	2007 -	APS CHOI	-	1787
192 ATACOC	138 -	2	2007 -	ATACOC	-	
193 BP OOOG	139 -	1	2007	0.6 HALLIBUF	-	
194 CATHAY	140 -	2	2007 -	LUNAN Y	-	
195 CAYMAN	141 -	2	2007 -	CAYMAN	-	4621
196 CHELOPE	142 -	2	2007 -	-	-	
197 DALIAN	143 -	3	2007 -	DALIAN	-	
198 FREEPOR	144 -	1	2007 -	PT FREEF	-	2464
199 HIERRO A	145 -	3	2007	118 CAP, HIEF	-	
200 IMERYS H	146 -	2	2007 -	IMERYS M	-	1789
201 JHARSUG	147 -	2	2007	9 SESA STE	-	3316
202 KONKOLA	148 Non Oracle ord	1	2007 -	KCM	-	
203 KONKOLA	149 Non Oracle ord	1	2007 -	KCM	-	
204 KONKOLA	150 Non Oracle ord	1	2007 -	KCM	-	
205 KONKOLA	151 Non Oracle ord	1	2007 -	KCM	-	
206 LONGKOL	152 -	2	2007 -	LONGKOL	-	7426
207 MOA NICH	153 -	2	2007 -	MOA NICH	-	
208 PINGGUO	154 -	3	2007 -	PINGGUO	-	2988
209 PIRITES A	155 -	1	2007 -	ALMINA	-	1677
210 RIO CAPII	156 -	1	2007	158 RIO CAPII	-	
211 RIO TUBA	157 CBNC	2	2007 -	CORAL B	-	3245
212 RIO TUBA	158 CBNC	3	2007 -	CORAL B	-	3245
213 TOUBU (K	159 -	1	2007 -	TOUBU (K	-	
214 YONGHUI	160 -	3	2007	1 YONGHUI	-	3226
215 BALCO K	161 -	1	2006	5.5 BALCO VE	-	3316
216 CAYMAN	162 -	1	2006 -	CAYMAN	-	4621
217 CMM V	163 -	2	2006 -	VOTORAN	-	
218 DA HONG	164 -	9	2006	171 DA HONG	-	3320
219 ESSO	165 -	2	2006 -	-	-	
220 GOLDEN	166 Non Oracle ord	1	2006 -	MMG	-	
221 GUANGXI	167 -	6	2006 -	GUANGXI	-	
222 LUNAN 4	168 -	3	2006 -	YANKUAN	-	
223 ONESTEE	169 -	1	2006	63 ARRIUM	-	
224 PARAS - M	170 -	2	2006	3.5 MAHAGEI	-	
225 PARLI	171 -	2	2006	3 MAHAGEI	-	
226 RAYALSE	172 -	3	2006	7 APGENCC	-	
227 SAMARCC	173 -	6	2006 -	SAMARCC	-	4261
228 SCANMIN	174 -	3	2006	8 -	-	
229 SOMINCC	175 -	1	2006 -	SOMINCC	-	1684
230 UAZ PILO	176 -	1	2006 -	-	-	

231 URANIUM	177 Afilease	4	2006 -	SHIVA UR-	
232 VEDANTA	178 -	2	2006	3.3 VEDANTA	3316
233 WINDALC	179 -	1	2006	8 WINDALC-	
234 YANGQUA	180 -	2	2006 -	YANGQUA-	
235 YANGQUA	181 -	2	2006	5.5 YANGQUA-	
236 YOKUSUK	182 -	2	2006 -	YOKUSUK-	
237 ALUMINIUM	183 -	2	2005 -	ADG	3203
238 BALCO - P	184 Captive Power	2	2005	4.5 BALCO VE	3316
239 CINKARNI	185 -	1	2005 -	CINKARNI	1858
240 CMM III	186 -	1	2005 -	VOTORANI	
241 CMM IV	187 -	1	2005 -	VOTORANI	
242 COMPAÑI	188 -	1	2005 -	COMPAÑI-	
243 HERCULE	189 -	1	2005 -	-	-
244 KHI HITAC	190 -	2	2005 -	KHI HITAC-	
245 LONGKOL	191 -	2	2005 -	LONGKOL	7426
246 LUOYANG	192 -	2	2005 -	LUOYANG	6142
247 LUOYANG	193 -	2	2005	3.5 LUOYANG	6142
248 NORANDA	194 Non Oracle ord	1	2005 -	XSTRATA-	
249 PARAGON	195 -	6	2005	250 PARAGON	7546
250 RAVENST	196 -	4	2005 -	FQM AUS	3260
251 SHANXI N	197 -	3	2005 -	SHANXI N-	
252 SINOPEC	198 -	1	2005 -	SINOPEC -	
253 SOMINCC	199 -	1	2005 -	SOMINCC	1684
1 Quebrada	200 -	2	2017 -	COMPANI-	
2 Gadarwar	201 -	6	2016 -	NTPC GAI	7422
3 Lara	202 -	6	2016 -	NTPC LAF	7422
4 NABINAG	203 -	8	2016	7.5 NTPC NAI-	
5 CNOOC	204 -	6	2015 -	CNOOC C-	
6 CNOOC	205 -	6	2015 -	CNOOC C-	
7 COBRE P	206 -	2	2015 -	MINERA F	7876
8 Demir Exp	207 -	1	2015 -	DEMIR	8060
9 Freeport	208 -	1	2015 -	PT FREEF	2464
10 INMACUL	209 -	2	2015	1 MINERA A	1820
11 PAK INFR	210 -	1	2015 -	PAK INFR -	
12 SOMINCC	211 -	1	2015 -	SOMINCC	7858
13 Toromochi	212 -	4	2015 -	MINERA C	7393
14 UCHALIN	213 -	1	2015 -	UCHALIN-	
15 ZAPOROZ	214 -	3	2015	6 ZAPOROZ-	
16 ADANI TIF	215 -	2	2014 -	TIRODA T-	
17 ANGANG	216 Pompen 20154	2	2014 -	ANGANG -	
18 ANGANG	217 -	3	2014 -	ANGANG -	
19 ANGANG	218 Pompen 20154	2	2014 -	ANGAGN -	
20 ARCELOF	219 -	1	2014 -	ARCELOF-	
21 BUK PYEC	220 -	2	2014 -	STX ELEC-	
22 ENGELS	221 -	1	2014 -	RWE	-
23 JAMNAGE	222 -	20	2014 -	RELIANCE-	
24 JAMNAGE	223 -	20	2014 -	RELIANCE-	
25 LAS CENI	224 -	1	2014 -	LAS CENI-	
26 NORTH S	225 -	1	2014 -	FMG NOR	7896
27 RAJ WES	226 -	1	2014 -	RAJ WES -	
28 CONFIDEI	227 RENMATIX BIC	1	2014	0.01 RENMATI-	
29 SHENHUA	228 -	8	2014 -	SHENHUA-	
30 STILLWAT	229 -	1	2014 -	STILLWAT-	
31 TAMNAR	230 -	3	2014 -	JSPL TAM-	
32 UCHALIN	231 -	3	2014 -	UCHALIN-	
33 VALE ALE	232 -	1	2014 -	VALE ALE-	
34 YUHEZHA	233 -	1	2014 -	ESHAN KI-	
35 BARRICK	234 -	2	2013 -	BARRICK -	
36 CERRO N	235 -	3	2013 -	CAP, CER-	

37	CESC CRI	236 -	1	2013 -	CESC CRI -	
38	DA HONG	237 -	1	2013 -	DA HONG	3320
39	DA HONG	238 -	1	2013 -	DA HONG	3320
40	DA HONG	239 -	6	2013 -	DA HONG	3320
41	EL TUBO	240 -	1	2013 -	ARCELOF -	
42	EREN	241 -	1	2013 -	-	7643
43	ESCONDI	242 -	3	2013 -	BHP BILLI	2811
44	ESSAR DA	243 -	1	2013 -	ESSAR ST	3307
45	GÖRDES	244 Searchstring G	2	2013 -	-	7567
46	HECLA LL	245 -	2	2013 -	HECLA LL -	
47	KORADI	246 -	3	2013 -	MAHAGEI -	
48	KUNSHAN	247 -	4	2013 -	KUNSHAN -	
49	LEDVICE	248 -	1	2013 -	CEZ	2142
50	LONE TRE	249 -	2	2013 -	NEWMON -	
51	MMX	250 -	9	2013	45 MMX	4800
52	MONG DL	251 -	3	2013 -	MONG DL	7582
53	PARK SIIF	252 -	2	2013 -	-	-
54	RIO DO PI	253 -	1	2013 -	VALE COI -	
503	RWZI OO	254 Non Oracle ord	1	1990 -	-	-
504	S.M.A.G.	255 Non Oracle ord	1	1990 -	-	-
505	SAARBER	256 Non Oracle ord	2	1990 -	-	-
506	ZKZ HORI	257 Non Oracle ord	1	1990 -	LASSELBI -	
507	AMERICA	258 Non Oracle ord	2	1989 -	BARRICK -	
508	CITY OF C	259 Non Oracle ord	2	1989 -	-	-
509	FMG-GET	260 Non Oracle ord	3	1989 -	UNKNOW -	
510	HUNGALL	261 Non Oracle ord	2	1989 -	-	-
511	HUSTADM	262 Non Oracle ord	1	1989 -	-	-
512	INCO	263 Non Oracle ord	1	1989 -	-	-
513	NAFTAGA	264 Non Oracle ord	1	1989 -	NAFTINA -	
514	OCEANA	265 former Pasminco Mine/North Broken Hill				
Non Oracle	2	266 -	OCEANA GC -		1910 WEIR MIN None	
515	PINGGUO	267 Non Oracle ord	4	1989 -	PINGGUO	2988
516	PRAKLA S	268 Non Oracle ord	1	1989 -	-	-
517	RUGBY C	269 Non Oracle ord	1	1989 -	-	-
518	RWZI UTF	270 Non Oracle ord	8	1989 -	-	-
519	SAARBER	271 Non Oracle ord	2	1989 -	-	-
520	SAARBER	272 Non Oracle ord	1	1989 -	-	-
521	SHENHUA	273 Non Oracle ord	3	1989 -	SHENHUA -	
522	SOMINCC	274 Non Oracle ord	1	1989 -	SOMINCC	1684
523	WESTAB	275 Non Oracle ord	1	1989 -	-	-
524	WORSLE	276 Non Oracle ord	1	1989	8 BHP BILLI	3229
525	WS VELU	277 Non Oracle ord	2	1989 -	-	-
526	ZELEZNO	278 Non Oracle ord	2	1989 -	-	-
527	CINKARN	279 Non Oracle ord	2	1988 -	CINKARN -	
528	HOMESTA	280 Non Oracle ord	4	1988	7 TAYOLTIT -	
529	J.D. MEAC	281 Non Oracle ord	1	1988 -	UNKNOW -	
530	LUNAN CI	282 Non Oracle ord	2	1988 -	LUNAN CI -	
531	LUNAN CI	283 Non Oracle ord	2	1988 -	LUNAN CI -	
532	NANISIVI	284 Non Oracle ord	2	1988	4.3 -	-
533	PRAKLA S	285 Non Oracle ord	1	1988 -	-	-
534	RWZI NIE	286 Non Oracle ord	1	1988 -	-	-
535	RWZI W.A	287 Non Oracle ord	1	1988 -	-	-
536	SOMINCC	288 Non Oracle ord	1	1988 -	SOMINCC	1684
537	TECK-COI	289 Non Oracle ord	1	1988 -	-	-
538	TECK-COI	290 Non Oracle ord	2	1988 -	-	-
539	ABR	291 Non Oracle ord	2	1987 -	-	-
540	ABR	292 Non Oracle ord	1	1987 -	-	-
541	AKW	293 Non Oracle ord	2	1987 -	AKW	1520
542	AMERICA	294 Non Oracle ord	1	1987 -	HUAYANC -	

543 BOZANY-I	295 Non Oracle ord	1	1987 -	-	-
544 CITY OF M	296 Non Oracle ord	3	1987 -	-	-
545 CITY OF M	297 Non Oracle ord	2	1987 -	-	-
546 CSA MINE	298 Cobar				
Non Oracle 2	299 -			1910 WEIR MIN	None
547 DARKOV	300 Non Oracle ord	1	1987 -	-	-
548 DARKOV	301 Non Oracle ord	1	1987 -	-	-
549 DARKOV	302 Non Oracle ord	8	1987 -	-	-
550 EL.KRAFT	303 Non Oracle order number: El.Kraftwe(1987)-ZPM500				
Manual nu 3	304 -	-	-	-	Power
551 HUNGALL	305 Non Oracle ord	1	1987 -	-	-
552 HYDROCH	306 Non Oracle ord	1	1987 -	-	-
553 KRANJI	307 Non Oracle ord	4	1987 -	KRANJI	-
554 NAFTAGA	308 Non Oracle ord	3	1987 -	NAFTINA	-
555 NIGC TEH	309 Non Oracle ord	2	1987 -	-	-
556 NORILSK	310 Non Oracle ord	5	1987	20 NORILSK	1647
557 PEETERS	311 Non Oracle ord	1	1987 -	-	-
558 PAKLA S	312 Non Oracle ord	1	1987 -	-	-
559 RUGBY C	313 Non Oracle ord	1	1987 -	-	-
560 RWZI GR	314 Non Oracle ord	1	1987 -	-	-
561 RWZI VLE	315 Non Oracle ord	3	1987 -	-	-
562 SHANXI A	316 Non Oracle ord	4	1987 -	SHANXI A	3048
563 WOLFRAM	317 Non Oracle ord	1	1987	3 -	1722
564 ALCAN SM	318 Non Oracle ord	2	1986	2.6 -	-
565 CITY OF M	319 Non Oracle ord	3	1986	6 -	-
566 CITY OF M	320 Non Oracle ord	4	1986	6 -	-
567 ENGLISH	321 Non Oracle ord	1	1986 -	-	-
568 FRITESSE	322 Non Oracle ord	1	1986 -	-	-
569 LIGHT ME	323 Non Oracle ord	1	1986 -	LIGHT ME-	-
570 NAFTAGA	324 Non Oracle ord	1	1986 -	NAFTINA	-
571 PEETERS	325 Non Oracle ord	1	1986 -	-	-
572 PEETERS	326 Non Oracle ord	2	1986 -	-	-
573 PREMOG	327 former RLV				
Non Oracle 1	328 -				Fly ash
574 RWZI ZEIS	329 Non Oracle ord	1	1986 -	-	-
575 SÃO BEN	330 Non Oracle ord	3	1986 -	SÃO BEN	-
576 UCOV/CIT	331 Non Oracle ord	2	1986 -	UCOV/CIT-	-
577 ZAPOTOC	332 Non Oracle ord	1	1986 -	-	-
578 ZKZ HORI	333 Non Oracle ord	1	1986 -	LASSELBI-	-
579 ALCOA	334 Non Oracle ord	1	1985 -	ALCOA	-
580 BAROCLE	335 Non Oracle ord	2	1985 -	-	-
581 BUCOM	336 Non Oracle ord	1	1985 -	-	-
582 COCKBUF	337 Non Oracle ord	2	1985	6 ADELAIDE-	-
583 FRITESSE	338 Non Oracle ord	1	1985 -	-	-
584 I.G.N.	339 Non Oracle ord	1	1985 -	-	-
585 J.D. MEAC	340 Non Oracle ord	1	1985 -	UNKNOW	-
586 J.D. MEAC	341 Non Oracle ord	1	1985 -	UNKNOW	-
587 NAFTAGA	342 Non Oracle ord	1	1985 -	NAFTINA	-
588 NEW ZEA	343 Non Oracle ord	4	1985	18 NEW ZEA	-
589 NORDME	344 Non Oracle ord	1	1985 -	-	-
590 RECORD	345 Non Oracle ord	1	1985 -	-	-
591 RUGBY C	346 Non Oracle ord	2	1985 -	-	-
592 RWZI DEN	347 Non Oracle ord	2	1985 -	-	-
593 VARTA	348 Non Oracle ord	1	1985 -	-	-
594 ZKZ HORI	349 Non Oracle ord	1	1985 -	LASSELBI-	-
595 ATLAS MI	350 Non Oracle ord	2	1984 -	ATLAS CC-	-
596 BAYER UE	351 Non Oracle ord	1	1984 -	CORENTA-	-
597 ENGLISH	352 Non Oracle ord	1	1984 -	-	-
598 ESSO FLE	353 Non Oracle ord	1	1984 -	-	-

599 HOMESTA	354 Non Oracle ord	3	1984 -	UNKNOWN -	
600 HOMESTA	355 Non Oracle ord	4	1984	7 TAYOLTIT -	
601 MAREG A	356 Non Oracle ord	2	1984 -	- -	
602 NORDME	357 Non Oracle ord	1	1984 -	- -	
603 NORDME	358 Non Oracle ord	7	1984 -	- -	
604 NORTH B	359 Non Oracle ord	1	1984 -	- -	
605 PEETERS	360 Non Oracle ord	1	1984 -	- -	
606 RUGBY C	361 Non Oracle ord	1	1984 -	- -	
607 RWZI HOI	362 Non Oracle ord	1	1984 -	- -	
608 RWZI ZEI	363 Non Oracle ord	1	1984 -	- -	
609 BENTELE	364 Non Oracle ord	1	1983 -	- -	
610 CENTROZ	365 Non Oracle ord	4	1983 -	- -	
611 DUWACO	366 Non Oracle ord	1	1983 -	- -	
612 ECOTECN	367 Non Oracle ord	2	1983 -	- -	
613 ERDÖLC	368 Non Oracle ord	2	1983 -	INEOS GM -	
614 GOTWALI	369 Non Oracle ord	1	1983 -	- -	
615 HOECHST	370 Non Oracle ord	2	1983 -	INFRASEF -	
616 LEINSTEF	371 former Agnew Mine				
Non Oracle 9	372 -	-		1910 WEIR MIN	None
617 MARINDC	373 Non Oracle ord	1	1983 -	- -	
618 MINAS DE	374 Non Oracle ord	1	1983	1.6 HOCHSC	
619 RWZI HAF	375 Non Oracle ord	3	1983 -	- -	
620 RWZI NIE	376 Non Oracle ord	1	1983 -	- -	
621 SAARBER	377 Non Oracle ord	1	1983 -	- -	
622 THYSSEN	378 Non Oracle ord	1	1983 -	- -	
623 UBE INDU	379 Non Oracle ord	4	1983 -	UBE INDU -	
348 MURRIN M	380 -	1	1999 -	GLENCOF	7742
349 NORILSK	381 -	2	1999	20 NORILSK	1647
350 OLYMPIC	382 Non Oracle ord	1	1999 -	BHP BILLI -	
351 ORMET A	383 -	2	1999	3.7 ORMET B	1787
352 RWZI LAN	384 -	2	1999 -	- -	
353 SHERWIN	385 former Reynold	1	1999 -	SHERWIN	1787
354 SUMITOM	386 -	1	1999 -	SUMITOM -	
355 TSK-AICH	387 -	2	1999 -	TSK-AICH -	
356 TSK-SHC	388 -	1	1999 -	TSK-SHC -	
357 TSK-SHIZ	389 -	2	1999 -	TSK-SHIZ -	
358 TSK-TOB	390 -	2	1999 -	TSK-TOB -	
359 UNIMIN EI	391 -	1	1999	1.1 -	
360 WORSLE	392 -	2	1999	8 BHP BILLI	3229
361 AGNICO E	393 Non Oracle ord	2	1998 -	- -	
362 ALCAN, G	394 former Nabalco	1	1998	8 PACIFIC A	4040
363 BATU HIJ	395 -	2	1998	18 PT NEWM	2639
364 COLLIE P	396 -	2	1998	1.5 SYNERGY -	
365 COMPAÑI	397 -	2	1998	203 COMPAÑI	2191
366 DE BEERS	398 Non Oracle ord	1	1998 -	DEBSWAI -	
367 DELAWAF	399 -	2	1998 -	DELAFAF -	
368 FILTRATE	400 Non Oracle ord	2	1998 -	- -	
369 FILTRATE	401 Non Oracle ord	1	1998 -	- -	
370 FILTRATE	402 Non Oracle ord	1	1998 -	- -	
371 FILTRATE	403 Non Oracle ord	1	1998 -	- -	
372 HOLCIM	404 former Alsen Z	3	1998	10 HOLCIM A	1563
373 HUAINAN	405 -	2	1998 -	HUAINAN -	
374 HUAINAN	406 -	3	1998 -	HUAINAN -	
375 INCO GOF	407 -	1	1998 -	VALE -	
376 LOS PELA	408 -	1	1998	120 LOS PELA -	
377 MINERA A	409 -	2	1998	314 ALUMBRE	2266
378 MURRIN M	410 -	6	1998 -	GLENCOF	7742
379 NORDHOI	411 Non Oracle ord	1	1998 -	- -	
380 OCI WYOI	412 -	2	1998 -	OCI -	

381 SAMITRI M	413 Non Oracle ord	2	1998 -	VALE ALE -	
382 TSK-KOFL	414 -	1	1998 -	TSK-KOFL -	
383 TSK-SHIG	415 -	1	1998 -	TSK-SHIG -	
384 BULONG I	416 -	2	1997 -	- -	
385 CANNING	417 -	2	1997 -	BHP BILLI -	
386 ÇAYELI B	418 -	1	1997 -	CAYELI B	2195
387 COCKBUT	419 -	1	1997	6 ADELAIDE -	
388 E&G	420 -	1	1997 -	RWE -	
389 EWW TEC	421 -	2	1997 -	- -	
390 JCI SOUT	422 Non Oracle ord	4	1997 -	- -	
391 KALI & SA	423 Non Oracle ord	2	1997 -	KALI & SA	2020
392 KIDD CRE	424 Non Oracle ord	2	1997 -	- -	
393 LEDVICE I	425 -	3	1997	4.8 CEZ	2142
394 MAGMA C	426 Non Oracle ord	1	1997	32 RESOLUT -	
395 MINERA A	427 Non Oracle order number: 6226342-1+2				
5223103/1 4	428 314 ALUMBRER/		2266	2266 MINERA A None	
5223103/1 1	429 01-Jan-99 -	-		5. Operatic MINERA A TZPM	
396 PHILEX G	430 -	1	1997 -	PHILEX -	
397 PORGERA	431 Non Oracle ord	2	1997 -	BARRICK -	
398 PREMOC	432 former RLV				
Non Oracle 2	433 -	-	3581	3581 HTZ VELE Fly ash	
399 TSK-KYO	434 -	1	1997 -	TSK-KYO -	
400 TSK-NAG	435 Non Oracle ord	2	1997 -	TSK-NAG -	
401 TSK-NAG	436 Non Oracle ord	1	1997 -	TSK-NAG -	
402 TWIN CRE	437 Non Oracle ord	2	1997 -	NEWMON -	
403 WOLFRAM	438 Non Oracle ord	1	1997	3 -	1722
404 AMERICA	439 Non Oracle ord	1	1996 -	BARRICK -	
405 E&G	440 Non Oracle ord	1	1996 -	RWE -	
406 ERDÖL CI	441 Non Oracle ord	4	1996 -	INEOS -	
407 GALMOY I	442 Non Oracle ord	1	1996 -	-	2612
408 HINDALCO	443 Non Oracle ord	2	1996 -	HINDALCO	1899
409 J.R. SIMPL	444 Non Oracle ord	1	1996	100 SIMPLOT -	
410 Lihir - New	445 Non Oracle ord	3	1996 -	Lihir Islanc	7345
411 MINAS DE	446 Non Oracle ord	1	1996	2.5 HOCHSCH -	
412 NORTHPA	447 Non Oracle ord	3	1996	2.5 RIO TINT -	
413 PHELPS D	448 Non Oracle ord	1	1996 -	FREEPOF -	
414 TELFER C	449 Non Oracle ord	1	1996 -	NEWCRE -	
415 TSK-CHU	450 Non Oracle ord	1	1996 -	TSK-CHU -	
416 TSK-OSAI	451 Non Oracle ord	2	1996 -	TSK-OSAI -	
417 TSK-OSAI	452 Non Oracle ord	2	1996 -	TSK-OSAI -	
418 BAYSWAT	453 Non Oracle ord	2	1995	11 MACQUAI -	
419 INCO THC	454 Non Oracle ord	2	1995 -	- -	
420 JCI SOUT	455 Non Oracle ord	2	1995 -	- -	
421 KAILI ALU	456 Non Oracle ord	1	1995 -	KAILI ALU -	
422 LETO	457 former LB Metrex b.v.				
Non Oracle 1	458 -	-	-	-	None
423 MUJA POI	459 Non Oracle ord	2	1995	1.8 SYNERGY -	
424 NEW YOR	460 Non Oracle ord	2	1995 -	NEW YOR -	
425 NORANDA	461 Non Oracle ord	1	1995 -	- -	
426 POLK POI	462 Non Oracle ord	1	1995 -	TECO POI	1787
427 SUMITOM	463 Non Oracle ord	2	1995 -	SUMITOM -	
428 TSK-TEST	464 Non Oracle ord	1	1995 -	TSK -	
429 TWIN CRE	465 Non Oracle ord	2	1995 -	NEWMON -	
430 WEBER U	466 Non Oracle ord	1	1995 -	- -	
431 AGBO	467 Non Oracle ord	1	1994 -	- -	
432 AMERICA	468 Non Oracle ord	1	1994	1.9 -	
433 AMERICA	469 Non Oracle ord	1	1994 -	- -	
434 AMERICA	470 Non Oracle ord	1	1994 -	- -	
435 AUR RESO	471 Non Oracle ord	2	1994 -	HECLA QI -	

436 CLUFF MI	472 Non Oracle ord	1	1994 -	-	-	
437 ENGELS	473 Non Oracle ord	1	1994 -	RWE	-	
438 ESCONDI	474 Non Oracle ord	1	1994	17.4 BHP BILLI	2811	
439 INCO SOL	475 Non Oracle ord	2	1994 -	-	-	
440 JCI SOUT	476 Non Oracle ord	1	1994 -	-	-	
441 JIANSHAN	477 Non Oracle ord	1	1994	102 JIANSHAN	-	
442 KOREA G	478 KGCC					
Non Oracle	479 -	KOREA GEN	2897	2897 KOREA CI	Alumina	
443 MINERAÇ	480 Non Oracle ord	1	1994	2.5 UNKNOWN	-	
444 OCI WYOM	481 Non Oracle ord	2	1994	3.6 OCI	-	
445 SHANGHAI	482 Non Oracle ord	4	1994 -	SHANGHAI	-	
446 SHANGHAI	483 Non Oracle ord	1	1994 -	SHANGHAI	-	
447 SHANGHAI	484 Non Oracle ord	3	1994 -	SHANGHAI	-	
448 AWZI DOF	485 Non Oracle ord	2	1993 -	-	-	
449 CARBOSUL	486 Non Oracle ord	1	1993	1.4 -	-	
450 FILOX FIL	487 Non Oracle ord	1	1993 -	-	-	
451 JAJARM A	488 Non Oracle ord	4	1993 -	IRAN ALU	-	
452 JAJARM A	489 Non Oracle ord	2	1993	2.6 IRAN ALU	-	
453 JINGXIAN	490 Non Oracle ord	2	1993 -	JINGXIAN	-	
454 KENNECOT	491 Non Oracle ord	1	1993 -	XSTRATA	-	
455 KLUGE	492 Non Oracle ord	3	1993 -	-	-	
456 LONE TREE	493 Non Oracle ord	2	1993 -	NEWMONT	-	
457 NANISIVIK	494 Non Oracle ord	1	1993	4.3 -	-	
458 PORGERA	495 Non Oracle ord	1	1993 -	BARRICK	-	
459 PRECHEZ	496 Non Oracle ord	1	1993 -	PRECHEZ	1871	
460 SAARBER	497 Non Oracle ord	1	1993 -	-	-	
461 SAMITRI M	498 Non Oracle ord	1	1993	1.5 VALE AL	-	
462 SLUDGE I	499 Non Oracle ord	3	1993 -	-	-	
463 SLUDGE I	500 Non Oracle ord	3	1993 -	-	-	
464 SOMINCC	501 Non Oracle ord	1	1993 -	SOMINCC	1684	
465 WEIHE AN	502 Non Oracle ord	2	1993 -	WEIHE AN	-	
466 WEIHE AN	503 Non Oracle ord	3	1993 -	WEIHE AN	-	
467 ALCAN, G	504 Non Oracle order number 9240002/1-2					
Alcan Gov(1992	505					
former Natl	506	8 PACIFIC ALL	4040	1910 WEIR MIN	Alumina	
468 AMERICA	507 Non Oracle ord	6	1992 -	BARRICK	-	
469 BRIEDEN	508 Non Oracle ord	1	1992 -	-	-	
470 DUMAGAI	509 Non Oracle ord	2	1992 -	-	-	
471 HUDSON	510 Non Oracle ord	2	1992 -	-	-	
472 HUDSON	511 Non Oracle ord	2	1992 -	-	-	
473 INDAVER	512 Non Oracle ord	2	1992 -	-	-	
474 JCI SOUT	513 Non Oracle ord	4	1992	1 -	-	
475 KÄFER IS	514 Non Oracle ord	1	1992 -	-	-	
476 PINGGUO	515 Non Oracle ord	2	1992	3.5 PINGGUO	2988	
477 PORGERA	516 Non Oracle ord	2	1992 -	BARRICK	-	
478 RWZI SPI	517 Non Oracle ord	1	1992 -	-	-	
479 RWZI VEE	518 Non Oracle ord	2	1992 -	-	-	
480 SAARBER	519 Non Oracle ord	1	1992 -	-	-	
481 SAB	520 Non Oracle ord	1	1992 -	-	-	
482 SHANXI A	521 Non Oracle ord	2	1992 -	SHANXI A	-	
483 ALCAN JA	522 Non Oracle ord	3	1991	8 -	-	
484 CARBOVA	523 Non Oracle ord	1	1991 -	-	-	
485 EURALUM	524 Non Oracle ord	1	1991 -	-	-	
486 FRITESSE	525 Non Oracle ord	1	1991 -	-	-	
487 KLUGE	526 Non Oracle ord	2	1991 -	-	-	
488 RWZI OO	527 Non Oracle ord	2	1991 -	-	-	
489 ALCAN JA	528 Non Oracle ord	1	1990 -	-	-	
490 AMERICA	529 Non Oracle ord	4	1990 -	BARRICK	-	
491 BIRAC ZV	530 Non Oracle ord	2	1990 -	-	-	

492 CARBOSL	531 Non Oracle ord	1	1990 -	-	-	
493 COMINCC	532 Non Oracle ord	2	1990 -	-	-	
494 DE SLUFT	533 Non Oracle ord	3	1990 -	-	-	
495 HOECHST	534 Non Oracle ord	1	1990 -	-	-	1563
496 HUSTADM	535 Non Oracle ord	2	1990 -	-	-	
497 INDAVER	536 Non Oracle ord	1	1990 -	-	-	
498 INDAVER	537 Non Oracle ord	1	1990 -	-	-	
499 J.R. SIMPL	538 Non Oracle ord	3	1990	100 SIMPLOT	-	
500 MINERA M	539 Non Oracle ord	1	1990	5 PAN AMEI-		
501 PIRITES A	540 Non Oracle ord	1	1990 -	ALMINA		1677
502 PORGERA	541 Non Oracle ord	5	1990 -	BARRICK -		
624 UBE INDU	542 Non Oracle ord	5	1983 -	UBE INDU-		
625 CSA MINE	543 Cobar					
Non Oracle 1	544 -	GLENCORE/-	-	-	None	
626 HOECHST	545 Non Oracle ord	2	1982 -	ALLESACI-		
627 HOECHST	546 Non Oracle ord	2	1982 -	INFRASEF-		
628 HOECHST	547 Non Oracle ord	1	1982 -	-	-	
629 STROJEX	548 Non Oracle ord	4	1982 -	-	-	
630 ZELEZARI	549 Non Oracle ord	2	1982 -	-	-	
631 CANADIAI	550 former Cadillac Exploration					
Non Oracle 1	551 -	-		1881 WEIR PUI	None	
632 EASTMAN	552 Non Oracle ord	3	1981 -	EASTMAN-		
633 ELURA MI	553 Non Oracle ord	2	1981 -	CBH RES(-		
634 ELURA MI	554 Non Oracle ord	1	1981 -	CBH RES(-		
635 ERDÖLCF	555 Non Oracle ord	1	1981 -	INEOS GM-		
636 MHD	556 Non Oracle ord	1	1981 -	-	-	
637 NAFTAGA	557 Non Oracle ord	1	1981 -	NAFTINA	-	
638 RWZI NIJI	558 Non Oracle ord	2	1981 -	-	-	
639 RWZI ROŠ	559 Non Oracle ord	2	1981 -	-	-	
640 TECHNIC	560 Non Oracle ord	1	1981 -	-	-	
641 WESTAB	561 Non Oracle ord	1	1981 -	-	-	
642 WORSLE`	562 Non Oracle ord	3	1981	8 BHP BILLI-		
643 AALEN-UN	563 Non Oracle ord	1	1980 -	-	-	
644 ALKEN M/	564 Non Oracle ord	2	1980 -	-	-	
645 BASF	565 Polysar					
Non Oracle 1	566 -	-	-	-	None	
646 BERGA	567 Non Oracle ord	1	1980 -	-	-	
647 BROKEN I	568 Non Oracle ord	2	1980 -	-	-	
648 CITY OF S	569 Non Oracle ord	2	1980 -	SYDNEY \-		
649 DOW CHE	570 Non Oracle ord	1	1980 -	-	-	
650 ENGLISH	571 Non Oracle ord	1	1980 -	-	-	
651 ENGLISH	572 Non Oracle ord	1	1980 -	-	-	
652 HOECHST	573 Non Oracle ord	2	1980 -	-	-	
653 KEMPENS	574 Non Oracle ord	1	1980 -	-	-	
654 RWZI NIE	575 Non Oracle ord	1	1980 -	-	-	
655 RWZI NIJI	576 Non Oracle ord	2	1980 -	-	-	
656 RWZI NOČ	577 Non Oracle ord	2	1980 -	-	-	
657 RWZI ZEİ	578 Non Oracle ord	1	1980 -	-	-	
658 STROJEX	579 Non Oracle ord	1	1980 -	-	-	
659 WESTAB	580 Non Oracle ord	2	1980 -	-	-	
660 BAYER UE	581 Non Oracle ord	2	1979 -	-	-	
661 ESSO REI	582 Non Oracle ord	2	1979 -	-	-	
662 KOMBINA	583 Non Oracle ord	2	1979 -	-	-	
663 OSKOL EI	584 OEMK					
Non Oracle 4	585	26.5 JSC OEMK	-	-	None	
664 RMK TREI	586 Non Oracle ord	1	1979 -	-	-	
665 STROJEX	587 Non Oracle ord	4	1979 -	-	-	
666 BHARAT /	588 Non Oracle ord	1	1978 -	BALCO VE-		
667 ESSO REI	589 Non Oracle ord	2	1978 -	-	-	

668	KARLOVI	590 Non Oracle ord	1	1978 -	-	-	
669	KEMPENS	591 Non Oracle ord	1	1978 -	-	-	
670	OTV BOU	592 Non Oracle ord	2	1978 -	-	-	
671	PUBLIC W	593 Non Oracle ord	3	1978 -	-	-	
672	STROJEX	594 Non Oracle ord	2	1978 -	-	-	
673	WESTAB	595 Non Oracle ord	1	1978 -	-	-	
674	CITY OF E	596 Non Oracle ord	2	1977 -	-	-	
675	CITY OF L	597 Non Oracle ord	2	1977 -	-	-	
676	HENKEL	598 Non Oracle ord	1	1977 -	-	-	
677	KEMPENS	599 Non Oracle ord	1	1977 -	-	-	
678	RWZI BUF	600 Non Oracle ord	1	1977 -	-	-	
679	RWZI DE	601 Non Oracle ord	1	1977 -	-	-	
680	RWZI HAF	602 Non Oracle ord	2	1977 -	-	-	
681	ABW ANL	603 Non Oracle ord	1	1976 -	-	-	
682	AOS STA	604 Non Oracle ord	2	1976 -	-	-	
683	BAYER LE	605 Non Oracle ord	1	1976 -	CURRENT	-	
684	DOW CHE	606 Non Oracle ord	1	1976 -	-	-	
685	ERDÖLC	607 Non Oracle ord	1	1976 -	INEOS GM	-	
686	HOECHST	608 Non Oracle ord	1	1976 -	-	-	
687	HOECHST	609 Non Oracle ord	1	1976 -	INFRASEF	-	
688	HOECHST	610 Non Oracle ord	4	1976 -	INFRASEF	-	
689	MOBIL OIL	611 Non Oracle ord	4	1976 -	-	-	
690	POLIMEX	612 Non Oracle ord	15	1976 -	-	-	
254	STILLWAT	613 -	1	2005 -	STILLWAT	-	
255	TECK CO	614 -	1	2005 -	-	-	
256	TELFER -	615 Non Oracle ord	3	2005 -	NEWCRE	-	
257	VEDANTA	616 -	2	2005	3.5 VEDANTA		3316
258	WORSLEY	617 -	1	2005	8 BHP BILLI		3229
259	ZHENGZH	618 -	4	2005 -	ZHENGZH	-	
260	ZHONGZH	619 -	1	2005	8 ZHENGZH	-	
261	ZHONGZH	620 -	1	2005 -	ZHENGZH	-	
262	ZHONGZH	621 -	1	2005 -	ZHENGZH	-	
263	BONDI RI	622 -	2	2004 -	SYDNEY \	-	
264	CALLIDE I	623 -	2	2004 -	CS ENER	-	
265	CAYMAN	624 -	3	2004 -	CAYMAN		4621
266	COWI-RG	625 -	1	2004 -	-	-	
267	HINDALCO	626 -	2	2004 -	HINDALCO		1899
268	ESSAR KI	627 -	4	2004	268 ESSAR S	-	
269	ESSAR CH	628 -	4	2004	268 ESSAR S	-	
270	INFRASEF	629 -	1	2004 -	INFRASEF		1563
271	NIKOLAEV	630 -	2	2004 -	RUSAL, S		2815
272	NORTHW	631 -	2	2004 -	-	-	
273	PRECHEZ	632 -	1	2004 -	PRECHEZ		1871
274	SHANXI A	633 -	5	2004 -	SHANXI A		3048
275	SHANXI A	634 -	3	2004	11 SHANXI A		3048
276	UID-YANK	635 Lunan	2	2004 -	YANKUAN	-	
277	WEIHE AM	636 -	1	2004 -	WEIHE AM		3007
278	WEIHE AM	637 -	1	2004 -	WEIHE AM		3007
279	YUNNAN I	638 -	3	2004 -	YUNNAN I	-	
280	ZHENGZH	639 -	2	2004 -	ZHENGZH	-	
281	BAUXILUM	640 -	1	2003	6.3 BAUXILUM		3297
282	COMPAÑI	641 -	1	2003	203 COMPAÑI		2191
283	GUIZHOU	642 Plant has shutd	3	2003 -	GUIZHOU	-	
284	KANOWN	643 Non Oracle ord	1	2003 -	-	-	
285	Lihir - New	644 -	3	2003 -	Lihir Islanc		7345
286	LUISMIN	645 Non Oracle ord	4	2003 -	TAYOLTIT	-	
287	MURRIN M	646 -	2	2003 -	MURRIN M		7742
288	NANCHUA	647 -	2	2003 -	NANCHUA	-	
289	NORILSK	648 -	2	2003	20 NORILSK		1647

290	RIO TUBA	649	CBNC	2	2003	-	CORAL B/	3245
291	RIO TUBA	650	CBNC	3	2003	-	CORAL B/	3245
292	TAKUMA	651	-	5	2003	-	TAKUMA	-
293	YIMEI ALL	652	-	2	2003	-	YIMEI ALL	-
294	YONGHUI	653	-	3	2003	-	YONGHUI	3226
295	ZHONGZH	654	-	2	2003	-	8 ZHONGZH	-
296	ZHONGZH	655	-	2	2003	-	ZHONGZH	-
297	ZHONGZH	656	-	2	2003	-	ZHONGZH	-
298	CESC LTD	657	-	1	2002	-	3 CESC LTD	-
299	CMM II	658	-	1	2002	-	VOTORAN	-
300	LUNAN CH	659	-	1	2002	-	YANKUAN	-
301	MFF	660	Non Oracle ord	1	2002	-	-	-
302	NIKOLAEV	661	-	6	2002	-	RUSAL, S	2815
303	SUMITOM	662	-	1	2002	-	SUMITOM	-
304	BULYANH	663	-	1	2001	-	BARRICK	2802
305	CMM	664	-	1	2001	-	VOTORAN	-
306	ESCONDI	665	-	1	2001	-	BHP BILLI	2811
307	HINDALCO	666	-	2	2001	-	-	1899
308	HINDALCO	667	-	2	2001	-	-	1899
309	HUDSON	668	-	1	2001	-	-	-
310	IMERYS M	669	-	1	2001	-	8 IMERYS M	1789
311	INCO-CCS	670	-	1	2001	-	-	-
312	ISCAYCRI	671	-	2	2001	-	GLENCOF	-
313	JACKSON	672	-	2	2001	-	1.8 JACKSON	1787
314	KOSAI 3 F	673	-	1	2001	-	TSK-SHIG	-
315	MOERBEK	674	-	2	2001	-	-	-
316	NORANDA	675	-	1	2001	-	XSTRATA	-
317	NORILSK	676	-	2	2001	-	20 NORILSK	1647
318	OKAYAMA	677	-	1	2001	-	TSK OKA	-
319	PATNOW	678	-	2	2001	-	5 -	4500
320	PINGGUO	679	-	2	2001	-	PINGGUO	2988
321	PINGGUO	680	-	2	2001	-	3 PINGGUO	2988
322	RIO CAPI	681	-	2	2001	-	158 RIO CAPI	-
323	RWZI EIN	682	-	2	2001	-	-	-
324	RWZI EIN	683	-	4	2001	-	-	-
325	SICARTSA	684	-	1	2001	-	ARCELO	-
326	STILLWAT	685	-	1	2001	-	STILLWAT	-
327	TARONG	686	-	2	2001	-	2 STANWEL	-
328	TIMISOAR	687	-	1	2001	-	6 -	2833
329	TSK-KINU	688	-	2	2001	-	TSK KINU	-
330	TSK-SAIT	689	-	2	2001	-	TSK SAIT	-
331	EBARA-TC	690	-	2	2000	-	EBARA-TC	-
332	GUIZHOU	691	-	3	2000	-	CHALCO (-
333	LOS PELA	692	-	1	2000	-	120 LOS PELA	-
334	MSEB KH	693	-	3	2000	-	6 MAHAGEN	-
335	NALCO	694	-	2	2000	-	6.5 NALCO D	-
336	SAN CIPR	695	-	1	2000	-	ALCOA SF	2695
337	SHIELDH	696	-	6	2000	-	SCOTTISH	-
338	TSK-KYO	697	-	1	2000	-	TSK KYO	-
339	TSK-SHIG	698	-	1	2000	-	TSK SHIG	-
340	CINKARN	699	-	1	1999	-	CINKARN	1858
341	E&G	700	-	3	1999	-	RWE	-
342	EBARA/AC	701	-	2	1999	-	EBARA/AC	-
343	FERTILIZ	702	-	3	1999	-	4 FERTILIZ	-
344	FREEPO	703	-	2	1999	-	120 PT FREE	2464
345	JIANSAN	704	-	1	1999	-	102 JIANSAN	-
346	MACRAES	705	former Cobar					
Non Oracle	2	706	-				1910 WEIR MIN	Gold
347	MAGNOLA	707	-	2	1999	-	2.5 -	-

15006 UGMK Sv	708 -	1	2017 -	UGMK Sv	5182
15021 Haldia En	709 -	1	2015 -	CESC	8136
15028 RWE Rhei	710 -	1	2015 -	RWE Pow	1444
15029 Rusal UAZ	711 -	3	2015 -	Rusal	8116
15030 Stillwater M	712 -	1	2015 -	Stillwater	2743
15031 Porgera	713 -	2	2015 -	Barrick	8111
15035 Hubei Yihu	714 -	6	2017 -	Hubei Yihu	8839
15001 Anagold	715 Cöpler sulfide e	4	2017 -	ANAGOLD	8684
15024 Eti Bakir M	716 -	2	2016 -	Eti Bakir	8244
15025 Umm Wu-	717 Ma'aden	2	2016 -	Umm Wu-	8202
15026 Olympic D	718 -	3	2016 -	BHP Billito	8154
15027 Apex Minir	719 -	1	2015 -	Apex Minir	8134
15010 Hongshifan	720 -	4	2017 -	Hong Sifar	7633
15033 MMG Dug	721 -	1	2017 -	MMG Dug	8836
15034 BHP Olym	722 -	3	2017 -	BHP Olym	8154
15037 Hengli Dal	723 -	12	2017 -	Hengli Pet	8864
15039 Rusal BAZ	724 Bauxite - caustic slurry				
Hydro-che 1	725 - Rusal BAZ		8865 -	- Alumina	
15040 Belchatow	726 -	1	2017 -	Belchatow	8927
15041 Belchatow	727 -	1	2017 -	Belchatow	8949
15044 Rusal BAZ	728 Bauxite lime-soda slurry				
Sintering Process	729				
Configurat 3	730 - Rusal BAZ		8865 -	- Alumina	
1479 Yunnan Pt	731 -	4	2016 -	YUNNAN I	8683
15011 RWE Rhei	732 -	1	2016 -	RWE Pow	1444
1478 Oyu Tolgo	733 -	2	2016 -	OYU TOLG	7776
691 POLIMEX-	734 Non Oracle ord	4	1976 -	-	-
692 RETHMAN	735 Non Oracle ord	3	1976 -	REMONDI-	
693 RHONE P	736 Non Oracle ord	1	1976 -	-	-
694 RWZI VEN	737 Non Oracle ord	2	1976 -	-	-
695 VARTA	738 Non Oracle ord	1	1976 -	-	-
696 WESTAB	739 Non Oracle ord	1	1976 -	-	-
697 CITY OF A	740 Non Oracle ord	1	1975 -	-	-
698 ERDÖLCHE	741 Non Oracle ord	2	1975 -	INEOS GM-	
699 POLIMEX-	742 Non Oracle ord	1	1975 -	-	-
700 RHONE P	743 Non Oracle ord	1	1975 -	-	-
701 RWZI DE	744 Non Oracle ord	2	1975 -	-	-
702 RWZI HUI	745 Non Oracle ord	2	1975 -	-	-
703 RWZI MA	746 Non Oracle ord	2	1975 -	-	-
704 RWZI STE	747 Non Oracle ord	4	1975 -	-	-
705 RWZI UDE	748 Non Oracle ord	4	1975 -	-	-
706 STROJEX	749 Non Oracle ord	2	1975 -	-	-
707 ZUCKERF	750 Non Oracle ord	1	1975 -	-	-
708 BAYER U	751 Non Oracle ord	2	1974 -	-	-
709 BEEKERV	752 Non Oracle ord	2	1974 -	-	-
710 CITY OF L	753 Non Oracle ord	1	1974 -	-	-
711 ERDÖLCHE	754 Non Oracle ord	1	1974 -	INEOS GM-	
712 RUHROR	755 Non Oracle ord	2	1974 -	-	-
713 THYSSEN	756 Non Oracle ord	1	1974 -	THYSSEN-	
714 RWZI APE	757 Non Oracle ord	2	1973 -	-	-
715 RWZI WO	758 Non Oracle ord	2	1973 -	-	-
716 STROJEX	759 Non Oracle ord	2	1973 -	-	-
717 RWZI DEN	760 Non Oracle ord	3	1972 -	-	-
718 RWZI HA	761 Non Oracle ord	2	1972 -	-	-
719 RWZI NIE	762 Non Oracle ord	2	1972 -	-	-
720 RWZI OIS	763 Non Oracle ord	2	1972 -	-	-
721 UCOV/CIT	764 Non Oracle ord	2	1972 -	UCOV/CIT-	
722 RWZI HEN	765 Non Oracle ord	2	1971 -	-	-
723 RWZI HEN	766 Non Oracle ord	2	1971 -	-	-

724 RWZI HEM	767 Non Oracle ord	2	1971 -	-	-
725 RWZI KAF	768 Non Oracle ord	2	1971 -	-	-
726 RWZI LIM	769 Non Oracle ord	2	1971 -	-	-
727 RWZI TILF	770 Non Oracle ord	3	1970 -	-	-
728 RWZI DE	771 Non Oracle ord	2	1969 -	-	-
15000 Anagold	772 Cöpler Sulfide €	3	2017 -	ANAGOLD	8684
15023 NTPC Dar	773 -	6	2017 -	NTPC Dar	7422
15043 Jiangsu Ha	774 -	4	2018 -	Jiangsu Ha	8967
15009 Bruce Jaci	775 -	3	2016 -	Bruce Jaci	8742
15036 Hubei Chu	776 -	4	2017 -	Hubei Chu	8839
15038 Xinfa Dige	777 -	2	2017 -	Shanxi Xir	8866
15045 Minera Me	778 -	2	2018 -	La Cieneg	8972
15007 Takuma N	779 -	1	2016 -	Takuma N	1903
15003 San Julian	780 -	1	2016 -	Minera Fre	8803
15004 San Julian	781 -	1	2016 -	Minera Fre	8804
15008 Cobre Pan	782 -	2	2017 -	Minera Pa	7876
820.577.2(100	783 -	300	100	8000 -	170
15012 Wanakbor	784 -	2	2016 -	GSECL W	3270
15013 OPGCL IB	785 -	3	2016 -	Odisha Po	7302
15014 Cinkarna C	786 -	1	2016 -	Cinkarna C	1858
15015 Hitachi Zo:	787 -	1	2017 -	Hitachi Zo:	1903
15016 Lihir - New	788 -	1	2016 -	Lihir Islanc	7743
15017 Al Taweel:	789 -	12	2016 -	Al Taweel:	8361
15018 Yara	790 -	3	2016 -	Yara	8241
15019 Lihir - New	791 -	1	2016 -	Lihir Islanc	7743
15020 Paragomir	792 former MMX	4	2016 -	Paragomir	7546
15022 Las Ceniz:	793 -	1	2016 -	Las Ceniz:	7828
15032 Las Ceniz:	794 -	1	2017 -	Las Ceniz:	1862
15042 Hindustan	795 -	2	2018 -	Sindesar k	8947
15046 Nokeng FI	796 -	2	2018 -	Nokeng FI	8988
15049 Altonorte	797 -	2	2018 -	Altonorte M	1862
15052 Yatagan T	798 -	1	2018 -	YATAGAN	9155
15047 Oyu Tolgo	799 -	1	2018 -	Oyu Tolgo	7776
15048 St. Barbar:	800 -	1	2018 -	St. Barbar:	1910
15050 Carmen C	801 -	6	2018 -	Carmen C	8987
15051 Weihe Bin	802 -	3	2018 -	SHAANXI	9157

Cc	channel	Via channel	Industry name	Application	Application	Slurry name	Project type	Account manager	Country name	Reference
7661	WUXI WE	None	Digester feed	Process	Iron ore	Bauxite slurry	0.General	Harry Cui	China	Usable
7661	WUXI WE	None	Gasifier feed	Process	Iron ore	Coal slurry	0.General	Harry Cui	China	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Vinay Parekh	India	Usable
1881	WEIR PUN	None	Tailings disposal	Tailings	Coal tailings	Coal tailings	0.General	Oliver Favre	Canada	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
3226	YONGHUI	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Harry Cui	Korea	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Vinay Parekh	India	Usable
1910	WEIR MIN	None	Tailings disposal	Tailings	Iron tailings	Iron tailings	0.General	Maya Pola	Australia	Usable
1910	WEIR MIN	None	Slurry pipe	Pipeline transfer	Copper concentrate	Copper concentrate	0.General	Maya Pola	Australia	Usable
3307	ESSAR SINGH	None	Slurry pipe	Pipeline transfer	Iron ore slurry	Iron ore slurry	0.General	Vinay Parekh	India	Usable
7661	WUXI WE	None	Gasifier feed	Process	Iron ore	Coal slurry	0.General	Harry Cui	China	Usable
1903	MATSUBUCHI	None	Sludge disposal	Tailings	Sewage sludge	Sewage sludge	0.General	Harry Cui	Japan	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Vinay Parekh	India	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
2168	VULCO PIRATES	None	Slurry pipe	Pipeline transfer	Copper concentrate	Copper concentrate	0.General	Vacancy	Peru	Usable
1647	I.S.E. TRAN	None	Slurry pipe	Pipeline transfer	Nickel ore	Nickel ore	4.Supply	Oliver Favre	Russia	Usable
7661	WUXI WE	None	Gasifier feed	Process	Iron ore	Coal slurry	0.General	Harry Cui	China	Usable
3231	WEIR SLL	None	Mine dewatering	Tailings	Mine water	Mine water	0.General	Vacancy	USA	Usable
1823	WEIR DO	None	Slurry pipe	Pipeline transfer	Iron ore slurry	Iron ore slurry	0.General	Vacancy	Brazil	Usable
1823	WEIR DO	None	Slurry pipe	Pipeline transfer	Iron ore slurry	Iron ore slurry	0.General	Vacancy	Brazil	Usable
2168	VULCO PIRATES	None	Tailings disposal	Tailings	Gold tailings	Gold tailings	0.General	Vacancy	Peru	Usable
7661	WUXI WE	None	Mill discharge	Pipeline transfer	Coal slurry	Coal slurry	0.General	Harry Cui	China	Usable
7661	WUXI WE	None	Gasifier feed	Process	Iron ore	Coal slurry	0.General	Harry Cui	China	Usable
1910	WEIR MIN	None	Tailings disposal	Tailings	Iron tailings	Iron tailings	0.General	Maya Pola	Australia	Usable
7661	WUXI WE	None	Gasifier feed	Process	Iron ore	Coal slurry	0.General	Harry Cui	China	Usable
1903	MATSUBUCHI	None	Sludge disposal	Tailings	Sewage sludge	Sewage sludge	0.General	Harry Cui	Japan	Usable
1903	MATSUBUCHI	None	Sludge disposal	Tailings	Sewage sludge	Sewage sludge	0.General	Harry Cui	Japan	Usable
1903	MATSUBUCHI	None	Sludge disposal	Tailings	Sewage sludge	Sewage sludge	0.General	Harry Cui	Japan	Usable
1823	WEIR DO	None	Tailings disposal	Tailings	Iron tailings	Iron tailings	0.General	Vacancy	Brazil	Usable
7661	WUXI WE	None	Digester feed	Process	Iron ore	Bauxite slurry	0.General	Harry Cui	China	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
-	-	None	Slurry pipe	Pipeline transfer	Copper concentrate	Copper concentrate	0.General	Maya Pola	Australia	Usable
1910	WEIR MIN	None	Mine dewatering	Tailings	Mine water	Mine water	0.General	Maya Pola	Australia	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
3231	WEIR SLL	None	Slurry pipe	Pipeline transfer	Copper concentrate	Copper concentrate	0.General	Vacancy	USA	Usable
1823	WEIR DO	None	Autoclave	Process	Gold ore	Gold ore	0.General	Vacancy	Brazil	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Vinay Parekh	India	Usable
-	-	None	Oil drilling	Oil industry	Mud (drilling)	Mud (drilling)	0.General	Oliver Favre	Germany	Usable
1910	WEIR MIN	None	Mine dewatering	Tailings	Mine water	Mine water	0.General	Maya Pola	Australia	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Vinay Parekh	India	Usable
1899	HINDALCO	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
-	-	None	Sludge disposal	Tailings	Sewage sludge	Sewage sludge	0.General	Harry Cui	Japan	Usable
7661	WUXI WE	None	Gasifier feed	Process	Iron ore	Coal slurry	0.General	Harry Cui	China	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Vinay Parekh	India	Usable
2142	CEZ, A.S.	None	Ash disposal	Tailings	Ash slurry	Ash slurry	4.Supply	Oliver Favre	Czech Republic	Usable
7426	LONGKONG	None	Digester feed	Process	Iron ore	Bauxite slurry	0.General	Harry Cui	China	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
7661	WUXI WE	None	Slurry pipe	Pipeline transfer	Iron ore slurry	Iron ore slurry	0.General	Harry Cui	China	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
7171	PUEBLO	None	Autoclave	Process	Gold ore	Gold ore	0.General	Vacancy	Dominican	Usable
-	-	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	Ash slurry	0.General	Vinay Parekh	India	Usable
7661	WUXI WE	None	Gasifier feed	Process	Iron ore	Coal slurry	0.General	Harry Cui	China	Usable
7425	TAGANIT	None	Autoclave	Process	Nickel ore	Nickel ore	0.General	Maya Pola	Philippines	Usable
2168	VULCO PIRATES	None	Tailings disposal	Tailings	Copper tailings	Copper tailings	0.General	Vacancy	Peru	Usable

	1903 MATSUBC	None	Sludge dis	Tailings	Sewage sl	0.General	Harry Cui	Japan	Usable
	7445 ENGITEC	None	Mine back	Tailings	Copper tai	0.General	Oliver Fav	Russia	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
-	-	None	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
	7661 WUXI WE	None	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
	1881 WEIR PU	None	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable
	7349 POLYMET	None	Autoclave	Process o	Gold ore s	0.General	Oliver Fav	Russia	Usable
	3316 VEDANTA	None	Ash dispo	Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
	5421 WEIR MIN	None	Power	Pipeline tr	Ash slurry	0.General	Vinay Pare	India	Usable
	3320 YUNNAN I	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
	1862 VULCO S.	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	Chile	Usable
	7351 ESSAKAN	None	Tailings di	Tailings	Gold tailin	0.General	Oliver Fav	Burkina F	Usable
-	WUXI WE	None	Tailings di	Tailings	Iron tailing	0.General	Harry Cui	China	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	1862 VULCO S.	None	Tailings di	Tailings	Copper tai	0.General	Vacancy	Chile	Usable
	1910 WEIR MIN	None	Autoclave	Process o	Gold ore s	0.General	Maya Pola	Papua Nei	Usable
	6142 LUOYANG	None	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	6142 LUOYANG	None	Tailings di	Tailings	Bauxite tai	4.Supply o	Harry Cui	China	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	3.Basic de	Vinay Pare	India	Usable
	1881 WEIR PU	None	Mine back	Tailings	Backfill pa	0.General	Oliver Fav	Canada	Usable
-	-	None	Slurry pipe	Pipeline tr	Nickel ore	4.Supply o	Oliver Fav	Russia	Usable
	1823 WEIR DO	Alumina	Slurry pipe	Pipeline tr	Bauxite sl	0.General	Vacancy	Brazil	Usable
	1823 WEIR DO	Alumina	Slurry pipe	Pipeline tr	Bauxite sl	0.General	Vacancy	Brazil	Usable
	7171 PUEBLO \	None	Autoclave	Process o	Gold ore s	0.General	Vacancy	Dominican	Usable
	1903 MATSUBC	None	Sludge dis	Tailings	Sewage sl	0.General	Harry Cui	Japan	Usable
	5421 WEIR MIN	None	Tailings di	Tailings	Bauxite tai	0.General	Vinay Pare	India	Usable
	7661 WUXI WE	None	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
-	-	Mining	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Spain	Usable
	2168 VULCO PI	None	Tailings di	Tailings	Copper tai	0.General	Vacancy	Peru	Usable
	6728 BAOTOU :	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
	5421 WEIR MIN	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Vinay Pare	India	Usable
	7661 WUXI WE	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	1862 VULCO S.	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	Chile	Usable
	1862 VULCO S.	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	Chile	Usable
	3307 ESSAR S	Iron	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Vinay Pare	India	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	3316 VEDANTA	None	Ash dispo	Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
	3316 VEDANTA	None	Tailings di	Tailings	Bauxite tai	4.Supply o	Vinay Pare	India	Usable
	7426 LONGKOL	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	1862 VULCO S.	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	Chile	Usable
	2815 RUSAL M'	None	Digester fe	Process o	Bauxite sl	0.General	Oliver Fav	Ukraine	Usable
-	-	None	Slurry pipe	Pipeline tr	Nickel ore	4.Supply o	Oliver Fav	Russia	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	5421 WEIR MIN	None	Ash dispo	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	3007 WEIHE	None	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
	7661 WUXI WE	None	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	1910 WEIR MIN	None	Tailings di	Tailings	Bauxite tai	0.General	Maya Pola	Australia	Usable
	7661 WUXI WE	None	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
	5662 DYNATEC	Nickel	Autoclave	Process o	Nickel ore	0.General	Oliver Fav	Madagasc	Usable
	1823 WEIR DO	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Vacancy	Brazil	Usable
	1823 WEIR DO	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Vacancy	Brazil	Usable
	2168 VULCO PI	Silver	Tailings di	Tailings	Gold tailin	0.General	Vacancy	Peru	Usable
	1910 WEIR MIN	Mining	Mine dew	Tailings	Mine wate	0.General	Maya Pola	Australia	Usable
	2195 CAYELI B	Copper/zir	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Turkey	Usable
	4621 HANGZHC	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable

1823	WEIR DO	Alumina	Tailings di: Tailings	Bauxite tai 5.Turn key	Vacancy	Brazil	Usable
1787	DAVIDSOI	None	Tailings di: Tailings	Lead/zinc : 0.General	Vacancy	USA	Usable
1899	HINDALCO	Alumina	Digester fe Process oi	Bauxite slu 0.General	Vinay Pare	India	Usable
1899	HINDALCO	Alumina	Digester fe Process oi	Bauxite slu 0.General	Vinay Pare	India	Usable
1899	HINDALCO	Alumina	Digester fe Process oi	Bauxite slu 0.General	Vinay Pare	India	Usable
1881	WEIR PUI	Mining	Mine dewa Tailings	Mine wate 0.General	Oliver Fav	Canada	Usable
3316	VEDANTA	Power	Ash dispo: Tailings	Ash slurry 0.General	Vinay Pare	India	Usable
3316	VEDANTA	Power	Ash dispo: Tailings	Ash slurry 0.General	Vinay Pare	India	Usable
7301	AGNICO-E	Gold	Autoclave Process oi	Gold ore s 0.General	Oliver Fav	Finland	Usable
5421	WEIR MIN	Power	Ash dispo: Tailings	Ash slurry 4.Supply o	Vinay Pare	India	Usable
5421	WEIR MIN	Alumina	Tailings di: Tailings	Bauxite tai 5.Turn key	Vinay Pare	India	Usable
7661	WUXI WE	Alumina	Digester fe Process oi	Bauxite slu 0.General	Harry Cui	China	Usable
1647	I.S.E. TRA	None	Slurry pipe Pipeline tr:	Nickel ore 4.Supply o	Oliver Fav	Russia	Usable
1910	WEIR MIN	Iron	Slurry pipe Pipeline tr:	Iron ore slu 0.General	Maya Pola	Australia	Usable
1881	WEIR PUI	Mining	Mine back Tailings	Backfill pa 0.General	Oliver Fav	Canada	Usable
1910	WEIR MIN	Mining	Mine dewa Tailings	Mine wate 0.General	Maya Pola	Australia	Usable
5200	ALCOA W	Alumina	Tailings di: Tailings	Bauxite tai 3.Basic de	Vacancy	Suriname	Usable
5421	WEIR MIN	Power	Ash dispo: Tailings	Ash slurry 0.General	Vinay Pare	India	Usable
1910	WEIR MIN	Alumina	Tailings di: Tailings	Bauxite tai 0.General	Maya Pola	Australia	Usable
1787	DAVIDSOI	Power	Ash dispo: Tailings	Ash slurry 0.General	Vacancy	USA	Usable
2168	VULCO PI	None	Tailings di: Tailings	Lead/zinc : 0.General	Vacancy	Peru	Usable
-	-	Oil	Oil drilling Oil industr	Mud (drillir 0.General	Vacancy	USA	Usable
7661	WUXI WE	None	Gasifier fe Process oi	Coal slurry 0.General	Harry Cui	China	Usable
4621	HANGZHC	Alumina	Digester fe Process oi	Bauxite slu 0.General	Harry Cui	China	Usable
-	-	None	Autoclave Process oi	Copper co 0.General	Oliver Fav	Bulgaria	Usable
7661	WUXI WE	None	Gasifier fe Process oi	Coal slurry 0.General	Harry Cui	China	Usable
2464	PT FREEF	Gold	Tailings di: Tailings	Copper tai 0.General	Maya Pola	Indonesia	Usable
1862	VULCO S.	None	Slurry pipe Pipeline tr:	Iron ore slu 0.General	Vacancy	Chile	Usable
1789	IMERYS M	None	Filterpress Process oi	Mine wate 0.General	Oliver Fav	UK	Usable
3316	VEDANTA	Power	Ash dispo: Tailings	Ash slurry 0.General	Vinay Pare	India	Usable
5162	WEIR SLL	Mining	Mine back Tailings	Copper tai 0.General	Oliver Fav	Zambia	Usable
5162	WEIR SLL	Mining	Mine back Tailings	Copper tai 0.General	Oliver Fav	Zambia	Usable
5162	WEIR SLL	Mining	Mine back Tailings	Copper tai 0.General	Oliver Fav	Zambia	Usable
5162	WEIR SLL	Mining	Mine back Tailings	Copper tai 0.General	Oliver Fav	Zambia	Usable
7426	LONGKOL	Alumina	Digester fe Process oi	Bauxite slu 0.General	Harry Cui	China	Usable
-	-	None	Autoclave Process oi	Nickel ore 0.General	Vacancy	Cuba	Usable
2988	PINGGUO	Alumina	Digester fe Process oi	Bauxite slu 0.General	Harry Cui	China	Usable
1677	ALMINA -	None	Mine dewa Tailings	Mine wate 0.General	Oliver Fav	Portugal	Usable
1823	WEIR DO	None	Slurry pipe Pipeline tr:	Kaolin slur 0.General	Vacancy	Brazil	Usable
3245	CORAL B/	Nickel	Autoclave Process oi	Nickel ore 0.General	Maya Pola	Philippines	Usable
3245	CORAL B/	None	Tailings di: Tailings	Nickel taili 0.General	Maya Pola	Philippines	Usable
1903	MATSUBC	Sewage	Sludge tra Pipeline tr:	Sewage sl 0.General	Harry Cui	Japan	Usable
3226	YONGHUI	Power	Ash dispo: Tailings	Ash slurry 3.Basic de	Harry Cui	Korea	Usable
3316	VEDANTA	Alumina	Tailings di: Tailings	Bauxite tai 4.Supply o	Vinay Pare	India	Usable
4621	HANGZHC	Alumina	Digester fe Process oi	Bauxite slu 0.General	Harry Cui	China	Usable
1823	WEIR DO	Zinc	Autoclave Process oi	Zinc ore sl 0.General	Vacancy	Brazil	Usable
3320	YUNNAN I	None	Slurry pipe Pipeline tr:	Iron ore slu 0.General	Harry Cui	China	Usable
-	-	None	Sludge dis Tailings	Chemical : 0.General	Oliver Fav	Netherland	Usable
-	-	None	Mine dewa Tailings	Mine wate 0.General	Maya Pola	Australia	Usable
7661	WUXI WE	Alumina	Digester fe Process oi	Bauxite slu 0.General	Harry Cui	China	Usable
7661	WUXI WE	Coal Gasif	Gasifier fe Process oi	Coal slurry 0.General	Harry Cui	China	Usable
1910	WEIR MIN	None	Slurry pipe Pipeline tr:	Iron ore slu 0.General	Maya Pola	Australia	Usable
5421	WEIR MIN	None	Ash dispo: Tailings	Ash slurry 0.General	Vinay Pare	India	Usable
5421	WEIR MIN	Power	Ash dispo: Tailings	Ash slurry 0.General	Vinay Pare	India	Usable
5421	WEIR MIN	Power	Ash dispo: Tailings	Ash slurry 4.Supply o	Vinay Pare	India	Usable
1823	WEIR DO	None	Slurry pipe Pipeline tr:	Iron ore slu 0.General	Vacancy	Brazil	Usable
-	-	None	Tailings di: Tailings	Zinc tailing 0.General	Oliver Fav	Sweden	Usable
1684	SOMINCC	None	Mine back Tailings	Backfill pa 0.General	Oliver Fav	Portugal	Usable
-	-	Alumina	Digester fe Process oi	Bauxite slu 0.General	Oliver Fav	Russia	Usable

-	-	Nickel	Autoclave Process o	Gold ore s	0.General	Oliver Fav	South Afric	Usable
	3316	VEDANTA Alumina	Tailings di: Tailings	Bauxite tai	4.Supply o	Vinay Pare	India	Usable
-	-	Alumina	Tailings di: Tailings	Bauxite tai	0.General	Vacancy	Jamaica	Usable
	7661	WUXI WE Alumina	Digester fe Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	7661	WUXI WE Alumina	Tailings di: Tailings	Bauxite tai	4.Supply o	Harry Cui	China	Usable
	1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
	3203	ALUMINIU Alumina	Digester fe Process o	Bauxite sl	0.General	Oliver Fav	Greece	Usable
	3316	VEDANTA Power	Ash dispo: Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
	1858	CINKARN. None	Tailings di: Tailings	Gypsum sl	0.General	Oliver Fav	Slovenia	Usable
	1823	WEIR DO None	Tailings di: Tailings	Lead/zinc	0.General	Vacancy	Brazil	Usable
	1823	WEIR DO None	Tailings di: Tailings	Lead/zinc	0.General	Vacancy	Brazil	Usable
	1862	VULCO S. None	Tailings di: Tailings	Copper tai	0.General	Vacancy	Chile	Usable
-	-	Sewage	Filterpress Process o	Sewage sl	0.General	Oliver Fav	Belgium	Usable
	1903	MATSUBC Power	Ash dispo: Tailings	Ash slurry	0.General	Harry Cui	Japan	Usable
	7426	LONGKOL Alumina	Digester fe Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	6142	LUOYANG Alumina	Digester fe Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	6142	LUOYANG Alumina	Tailings di: Tailings	Bauxite tai	4.Supply o	Harry Cui	China	Usable
	1787	DAVIDSOI None	Tailings di: Tailings	Copper tai	0.General	Vacancy	Chile	Usable
	1823	WEIR DO Alumina	Slurry pipe Pipeline tr	Bauxite sl	0.General	Vacancy	Brazil	Usable
	1910	WEIR MIN Nickel	Autoclave Process o	Nickel ore	0.General	Maya Pola	Australia	Usable
	7661	WUXI WE Alumina	Digester fe Process o	Bauxite sl	0.General	Harry Cui	China	Usable
	7661	WUXI WE Coal Gasif	Gasifier fe Process o	Coal slurry	0.General	Harry Cui	China	Usable
	1684	SOMINCC None	Mine dew: Tailings	Mine wate	0.General	Oliver Fav	Portugal	Usable
-	-	VULCO S. None	Slurry pipe Pipeline tr	Copper co	0.General	Vacancy	Chile	Not usable
-	-	None	Ash dispo: Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
-	-	None	Ash dispo: Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
-	-	None	Ash dispo: Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
-	-	None	Gasifier fe Process o	Petcoke sl	0.General	Harry Cui	China	Usable
-	-	None	Gasifier fe Process o	Petcoke sl	0.General	Harry Cui	China	Usable
-	-	None	Slurry pipe Pipeline tr	Copper co	0.General	Vacancy	Panama	Usable
-	-	None	Mine back Tailings	Ash slurry	4.Supply o	Oliver Fav	Turkey	Usable
-	-	None	Slurry pipe Pipeline tr	Copper co	0.General	Maya Pola	Indonesia	Usable
-	-	None	Mine dew: Tailings	Mine wate	4.Supply o	Vacancy	Peru	Usable
-	-	None	Ash dispo: Tailings	Ash slurry	0.General	Oliver Fav	Poland	Usable
-	-	None	Mine back Tailings	Backfill pa	0.General	Oliver Fav	Portugal	Usable
-	-	None	Tailings di: Tailings	Copper tai	0.General	Vacancy	Peru	Usable
-	-	None	Mine desl: Tailings	Mine wate	0.General	Oliver Fav	Russia	Usable
-	-	None	Mine back Tailings	Backfill pa	4.Supply o	Oliver Fav	Ukraine	Usable
-	-	None	Ash dispo: Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	7661	WUXI WE None	Slurry pipe Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
-	-	WUXI WE None	Tailings di: Tailings	Iron tailing	0.General	Harry Cui	China	Usable
	7661	WUXI WE None	Slurry pipe Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
	7448	WEIR MIN None	Slurry pipe Pipeline tr	Iron ore sl	0.General	Vacancy	Mexico	Usable
-	-	None	Ash dispo: Tailings	Ash slurry	4.Supply o	Harry Cui	Korea	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
	5421	WEIR MIN None	Gasifier fe Process o	Petcoke sl	0.General	Vinay Pare	India	Usable
	5421	WEIR MIN None	Gasifier fe Process o	Petcoke sl	0.General	Vinay Pare	India	Usable
-	-	None	Tailings di: Tailings	Copper tai	0.General	Vacancy	Chile	Usable
-	-	None	Slurry pipe Pipeline tr	Iron ore sl	0.General	Maya Pola	Australia	Usable
	5421	WEIR MIN None	Ash dispo: Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
	3231	WEIR SLL None	Biomass p Process o	Biomass s	0.General	Vacancy	USA	Usable
	7661	WUXI WE None	Gasifier fe Process o	Coal slurry	0.General	Harry Cui	China	Usable
	3231	WEIR SLL None	Mine back Tailings	Sand slurr	0.General	Vacancy	USA	Usable
	5421	WEIR MIN None	Ash dispo: Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
-	-	None	Tailings di: Tailings	Copper tai	0.General	Oliver Fav	Russia	Usable
	1823	WEIR DO None	Tailings di: Tailings	Iron tailing	0.General	Vacancy	Brazil	Usable
	7661	WUXI WE None	Slurry pipe Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
	1787	DAVIDSOI None	Mine dew: Tailings	Mine wate	0.General	Vacancy	USA	Usable
	1862	VULCO S. None	Tailings di: Tailings	Iron tailing	0.General	Vacancy	Chile	Usable

5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	0.General	Vinay Pare	India	Usable
3320	YUNNAN I	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
3320	YUNNAN I	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
3320	YUNNAN I	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable
7448	WEIR MIN	None	Tailings di	Tailings	Gold tailing	0.General	Vacancy	Mexico	Usable
7643	EREN HO	None	Ash disposal	Tailings	Ash slurry	4.Supply o	Oliver Fav	Turkey	Usable
1862	VULCO S.	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	Chile	Usable
3307	ESSAR S	None	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Vinay Pare	India	Usable
7567	META NIK	Nickel	Autoclave	Process o	Nickel ore	0.General	Oliver Fav	Turkey	Usable
1787	DAVIDSO	None	Mine dew	Tailings	Mine water	0.General	Vacancy	USA	Usable
5421	WEIR MIN	None	Ash disposal	Tailings	Ash slurry	7.Undefin	Vinay Pare	India	Usable
7661	WUXI WE	None	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
2142	CEZ, A.S.	None	Ash disposal	Tailings	Ash slurry	4.Supply o	Oliver Fav	Czech Rep	Usable
1787	DAVIDSO	Gold	Autoclave	Process o	Gold ore s	0.General	Vacancy	USA	Usable
1823	WEIR DO	None	Tailings di	Tailings	Iron tailing	0.General	Vacancy	Brazil	Usable
7582	BAEKDOC	None	Ash disposal	Tailings	Ash slurry	4.Supply o	Harry Cui	Vietnam	Usable
-	-	None	Tailings di	Tailings	Copper tai	4.Supply o	Oliver Fav	Turkey	Usable
1823	WEIR DO	None	Slurry pipe	Pipeline tr	Iron ore sl	7.Undefin	Vacancy	Brazil	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
-	-	Coal	Mine dew	Tailings	Coal slurry	0.General	Oliver Fav	Germany	Usable
1764	LB MINER	None	Filterpress	Process o	Kaolin slur	0.General	Oliver Fav	Czech Rep	Usable
1787	DAVIDSO	Gold	Autoclave	Process o	Gold ore s	0.General	Vacancy	USA	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Canada	Usable
-	-	Gold	Autoclave	Process o	Gold ore s	0.General	Vacancy	USA	Usable
1910	-	Alumina	Digester fe	Process o	Bauxite sl	0.General	Oliver Fav	Hungary	Usable
-	-	None	Slurry pipe	Pipeline tr	Calcium c	0.General	Oliver Fav	Norway	Usable
1881	WEIR PUI	None	Mine back	Tailings	Backfill pa	0.General	Oliver Fav	Canada	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Yugoslavi	Usable
Mine dew									
2988	PINGGUO	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process o	Cement sl	0.General	Oliver Fav	UK	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Coal	Sludge tra	Pipeline tr	Coal sludg	0.General	Oliver Fav	Germany	Usable
-	-	Coal	Mine desl	Tailings	Coal sludg	0.General	Oliver Fav	Germany	Usable
7661	WUXI WE	Coal Gasif	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
1684	SOMINCC	None	Mine dew	Tailings	Mine water	0.General	Oliver Fav	Portugal	Usable
-	-	None	Filterpress	Process o	Chemical :	0.General	Oliver Fav	Germany	Usable
1910	WEIR MIN	Alumina	Tailings di	Tailings	Bauxite tai	1.Slurry ch	Maya Pola	Australia	Usable
-	-	Sewage	Filterpress	Process o	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	None	Filterpress	Process o	Chromium	0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Slurry pipe	Pipeline tr	Gypsum sl	0.General	Oliver Fav	Slovenia	Usable
1787	DAVIDSO	None	Slurry pipe	Pipeline tr	Gold ore s	0.General	Vacancy	USA	Usable
-	-	None	Filterpress	Process o	Chemical :	0.General	Vacancy	USA	Usable
7661	WUXI WE	Coal Gasif	Mill discha	Pipeline tr	Coal slurry	0.General	Harry Cui	China	Usable
7661	WUXI WE	Coal Gasif	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
1881	WEIR PUI	None	Tailings di	Tailings	Lead/zinc :	0.General	Oliver Fav	Canada	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
1684	SOMINCC	None	Mine dew	Tailings	Mine water	0.General	Oliver Fav	Portugal	Usable
1881	WEIR PUI	None	Mine dew	Tailings	Mine water	0.General	Oliver Fav	Canada	Usable
1881	WEIR PUI	None	Mine dew	Tailings	Mine water	0.General	Oliver Fav	Canada	Usable
-	-	None	Filterpress	Process o	Chemical :	0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process o	Chemical :	0.General	Oliver Fav	Germany	Usable
1520	AKW-KIC	None	Filterpress	Process o	Kaolin slur	0.General	Oliver Fav	Germany	Usable
1787	DAVIDSO	Gold	Autoclave	Process o	Gold ore s	0.General	Vacancy	USA	Usable

-	-	None	Filterpress Process of Chemical	0.General	Oliver Fav	Czech Rep	Usable
-	-	Sewage	Filterpress Process of Sewage sl	0.General	Oliver Fav	France	Usable
-	-	Sewage	Reactor for Process of Sewage sl	0.General	Oliver Fav	France	Usable
Mine dewatering Tailings		Mine water	0.General	Maya Pola	Australia	Usable	CSA Mine
-	-	None	Filterpress Process of Chemical	0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Filterpress Process of Chemical	0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Filterpress Process of Chemical	0.General	Oliver Fav	Czech Rep	Usable
Filterpress Process of Chemical		0.General	Oliver Fav	Bosnia & Herzegovina	Usable	8720026 /	1 -
1910	-	Alumina	Digester for Process of Bauxite sl	0.General	Oliver Fav	Hungary	Usable
-	-	Sewage	Filterpress Process of Sewage sl	0.General	Oliver Fav	Netherlands	Usable
-	-	Sewage	Filterpress Process of Sewage sl	0.General	Maya Pola	Singapore	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Yugoslavia	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Iran	Usable
1647	I.S.E. TRAN	None	Slurry pipe Pipeline for Poly metal	4.Supply of	Oliver Fav	Russia	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Belgium	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process of Cement sl	0.General	Oliver Fav	UK	Usable
-	-	Sewage	Incinerator Process of Sewage sl	0.General	Oliver Fav	Netherlands	Usable
-	-	Sewage	Sludge transport Pipeline for Sewage sl	0.General	Oliver Fav	Netherlands	Usable
3048	SHANXI A	Alumina	Digester for Process of Bauxite sl	0.General	Harry Cui	China	Usable
1722	WOLFRAUM	None	Mine back Tailings Sand slurry	0.General	Oliver Fav	Austria	Usable
1881	WEIR PUM	Alumina	Tailings discharge Tailings Bauxite tailings	1.Slurry discharge	Oliver Fav	Canada	Usable
-	-	Sewage	Sludge transport Pipeline for Sewage sl	0.General	Oliver Fav	France	Usable
-	-	Sewage	Sludge transport Pipeline for Sewage sl	0.General	Oliver Fav	France	Usable
-	-	None	Filterpress Process of Kaolin slurry	0.General	Oliver Fav	UK	Usable
-	-	None	Sludge transport Pipeline for Chemical	0.General	Oliver Fav	Netherlands	Usable
7661	WUXI WE	Alumina	Digester for Process of Bauxite sl	0.General	Harry Cui	China	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Yugoslavia	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Belgium	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Belgium	Usable
Mine back Tailings		Ash slurry	0.General	Oliver Fav	Slovenia	Usable	Premogov
-	-	Sewage	Sludge transport Pipeline for Sewage sl	0.General	Oliver Fav	Netherlands	Usable
-	-	Gold	Autoclave Process of Gold ore	0.General	Vacancy	Brazil	Usable
-	CESKA V	Sewage	Sludge transport Pipeline for Sewage sl	0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Filterpress Process of Chemical	0.General	Oliver Fav	Czech Rep	Usable
1764	LB MINER	None	Filterpress Process of Kaolin slurry	0.General	Oliver Fav	Czech Rep	Usable
1910	WEIR MIN	Alumina	Tailings discharge Tailings Bauxite tailings	0.General	Maya Pola	Australia	Usable
-	-	None	Reactor for Process of Chemical	0.General	Oliver Fav	France	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Netherlands	Usable
1910	WEIR MIN	None	Slurry pipe Pipeline for Sand slurry	0.General	Maya Pola	Australia	Usable
-	-	None	Sludge transport Pipeline for Chemical	0.General	Oliver Fav	Netherlands	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Netherlands	Usable
-	-	None	Filterpress Process of Chemical	0.General	Vacancy	USA	Usable
-	-	None	Sludge transport Pipeline for Chemical	0.General	Vacancy	USA	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Yugoslavia	Usable
1910	WEIR MIN	None	Slurry pipe Pipeline for Iron ore sl	0.General	Maya Pola	New Zealand	Usable
-	-	None	Oil drilling Oil industry Mud (drilling)	0.General	Oliver Fav	Germany	Usable
-	-	None	Water transport Tailings Salt water	0.General	Oliver Fav	Egypt	Usable
-	-	None	Filterpress Process of Cement sl	0.General	Oliver Fav	UK	Usable
-	-	Sewage	Sludge transport Pipeline for Sewage sl	0.General	Oliver Fav	Netherlands	Usable
-	-	None	Reactor for Process of Lead slurry	0.General	Oliver Fav	Germany	Usable
1764	LB MINER	None	Filterpress Process of Kaolin slurry	0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Mine dewatering Tailings Mine water	0.General	Maya Pola	Philippines	Usable
-	-	None	Sludge transport Pipeline for Chemical	0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process of Kaolin slurry	0.General	Oliver Fav	UK	Usable
-	-	None	Sludge transport Pipeline for Chemical	0.General	Oliver Fav	Netherlands	Usable

	1787 DAVIDSON	Gold	Autoclave Process of Gold ore s	0.General	Vacancy	USA	Usable
	1787 DAVIDSON	Gold	Slurry pipe Pipeline tr	Gold ore s 0.General	Vacancy	USA	Usable
-	-	None	Reactor fe Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir 0.General	Oliver Fav	Germany	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir 0.General	Oliver Fav	Germany	Usable
	1910 WEIR MIN	None	Mine dewa Tailings Mine wate	0.General	Maya Pola	Australia	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir 0.General	Oliver Fav	Belgium	Usable
-	-	None	Filterpress Process of Cement sl	: 0.General	Oliver Fav	UK	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Oliver Fav	Netherland	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Poland	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir 0.General	Oliver Fav	Netherland	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Italy	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
-	-	Coal	Filterpress Process of Coal sludg	0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Sludge tra Pipeline tr	Chemical : 0.General	Oliver Fav	Germany	Usable
	Mine dewa Tailings	Mine wate	0.General	Maya Pola	Australia	Usable	Leinster N 1 -
-	-	None	Oil drilling Oil industr	Mud (drillir 0.General	Oliver Fav	Netherland	Usable
	2168 VULCO PI	None	Mine back Tailings Gold tailing	0.General	Vacancy	Peru	Usable
-	-	Sewage	Filterpress Process of Sewage sl	0.General	Oliver Fav	Belgium	Usable
-	-	Sewage	Reactor fe Process of Sewage sl	0.General	Oliver Fav	Netherland	Usable
-	-	None	Mine dewa Tailings Mine wate	0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
	1903 MATSUBC	Coal Gasif	Gasifier fe Process of Coal slurry	0.General	Harry Cui	Japan	Usable
	1910 WEIR MIN	Nickel	Autoclave Process of Nickel ore	0.General	Maya Pola	Australia	Usable
	1647 I.S.E. TRA	Minerals	Slurry pipe Pipeline tr	Poly metal 5.Turn key	Oliver Fav	Russia	Usable
	1910 WEIR MIN	None	Mine dewa Tailings Mine wate	0.General	Maya Pola	Australia	Usable
	1787 DAVIDSON	Alumina	Tailings di: Tailings Bauxite tai	3.Basic de	Vacancy	USA	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Oliver Fav	Netherland	Usable
	1787 DAVIDSON	Alumina	Reactor fe Process of Lime slurry	0.General	Vacancy	USA	Usable
	1903 MATSUBC	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Harry Cui	Japan	Usable
	1903 MATSUBC	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Harry Cui	Japan	Usable
	1903 MATSUBC	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Harry Cui	Japan	Usable
	1903 MATSUBC	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Harry Cui	Japan	Usable
	1903 MATSUBC	Sewage	Sludge tra Pipeline tr	Sewage sl 0.General	Harry Cui	Japan	Usable
	1881 WEIR PUI	None	Tailings di: Tailings Nepheline	0.General	Oliver Fav	Canada	Usable
	1910 WEIR MIN	Alumina	Tailings di: Tailings Bauxite tai	1.Slurry ch	Maya Pola	Australia	Usable
	1881 WEIR PUI	None	Mine dewa Tailings Mine wate	0.General	Oliver Fav	Canada	Usable
	1910 WEIR MIN	Alumina	Tailings di: Tailings Bauxite tai	6.Trouble :	Maya Pola	Australia	Usable
	2639 PT NEWM	None	Slurry pipe Pipeline tr	Copper co 0.General	Maya Pola	Indonesia	Usable
	1910 WEIR MIN	Power	Ash dispo: Tailings Ash slurry	0.General	Maya Pola	Australia	Usable
	1862 VULCO S.	None	Slurry pipe Pipeline tr	Copper co 0.General	Vacancy	Chile	Usable
-	-	None	Tailings di: Tailings Kimberlite	0.General	Oliver Fav	Botswana	Usable
	3231 WEIR SLL	Coal Gasif	Gasifier fe Process of Petcoke sl	0.General	Vacancy	USA	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process of Chemical	: 0.General	Oliver Fav	Germany	Usable
	1563 HOLCIM (I	None	Slurry pipe Pipeline tr	Lime slurry 0.General	Oliver Fav	Germany	Usable
	7661 WUXI WE	Coal Gasif	Mill discha Pipeline tr	Coal slurry 0.General	Harry Cui	China	Usable
	7661 WUXI WE	Coal Gasif	Gasifier fe Process of Coal slurry	0.General	Harry Cui	China	Usable
	1910 WEIR MIN	None	Autoclave Process of Nickel ore	0.General	Maya Pola	New Calec	Usable
	1862 VULCO S.	None	Slurry pipe Pipeline tr	Copper co 0.General	Vacancy	Chile	Usable
	2266 MINERA A	None	Slurry pipe Pipeline tr	Copper co 0.General	Vacancy	Argentina	Usable
	1910 WEIR MIN	Nickel	Autoclave Process of Nickel ore	0.General	Maya Pola	Australia	Usable
-	-	Sewage	Filterpress Process of Sewage sl	0.General	Oliver Fav	Germany	Usable
	1787 DAVIDSON	None	Mine back Tailings Sodium ca	0.General	Vacancy	USA	Usable

1823	WEIR DO	None	Tailings di	Tailings	Iron ore sl	0.General	Vacancy	Brazil	Usable
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
1910	WEIR MIN	Nickel	Autoclave	Process oi	Nickel ore	0.General	Maya Pola	Australia	Usable
1910	WEIR MIN	None	Mine dew	Tailings	Mine wate	0.General	Maya Pola	Australia	Usable
2195	CAYELI B	None	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Turkey	Usable
1910	WEIR MIN	None	Slurry pipe	Pipeline tr	Sand slurr	0.General	Maya Pola	Australia	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherland	Usable
-	-	Gold	Mine back	Tailings	Backfill pa	0.General	Oliver Fav	South Africa	Usable
2020	K+S KALI	None	Mine back	Tailings	Backfill pa	0.General	Oliver Fav	Germany	Usable
1881	WEIR PUI	None	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable
2142	CEZ, A.S.	Power	Ash dispos	Tailings	Ash slurry	4.Supply o	Oliver Fav	Czech Rep	Usable
-	-	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	USA	Usable
Slurry pipe Pipeline tr Copper co 0.General Vacancy Argentina Usable 6226342-1+2									
91	193	-	-	-	N	N	N	-	N
-	-	None	Mine dew	Tailings	Mine wate	0.General	Maya Pola	Philippines	Usable
1910	WEIR MIN	Gold	Autoclave	Process oi	Gold ore s	0.General	Maya Pola	Papua New	Usable
Mine back Tailings Ash slurry 0.General Oliver Fav Slovenia Usable Premogov 1 -									
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
1787	DAVIDSOI	Gold	Autoclave	Process oi	Gold ore s	0.General	Vacancy	USA	Usable
1722	WOLFRAM	None	Mine back	Tailings	Sand slurr	0.General	Oliver Fav	Austria	Usable
-	-	Gold	Autoclave	Process oi	Gold ore s	0.General	Vacancy	USA	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
-	INEOS	None	Sludge dis	Tailings	Mine wate	0.General	Oliver Fav	Germany	Usable
2612	GALMOY	None	Mine back	Tailings	Backfill pa	0.General	Oliver Fav	Ireland	Usable
1899	HINDALCO	Alumina	Digester fe	Process oi	Bauxite sl	0.General	Vinay Pare	India	Usable
1787	DAVIDSOI	None	Slurry pipe	Pipeline tr	Phosphate	0.General	Vacancy	USA	Usable
1910	WEIR MIN	Gold	Autoclave	Process oi	Gold ore s	0.General	Maya Pola	Papua New	Usable
2168	VULCO PI	None	Tailings di	Tailings	Gold/silver	0.General	Vacancy	Peru	Usable
1910	WEIR MIN	Mining	Mine dew	Tailings	Mine wate	2.Lay out	Maya Pola	Australia	Usable
3231	WEIR SLL	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	USA	Usable
1910	WEIR MIN	None	Mine dew	Tailings	Mine wate	0.General	Maya Pola	Australia	Usable
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
1910	WEIR MIN	Power	Ash dispos	Tailings	Ash slurry	3.Basic de	Maya Pola	Australia	Usable
1881	WEIR PUI	None	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable
-	-	Gold	Mine back	Tailings	Backfill pa	0.General	Oliver Fav	South Africa	Usable
7661	WUXI WE	Alumina	Digester fe	Process oi	Bauxite sl	0.General	Harry Cui	China	Usable
Incinerator Process oi Chemical : 0.General Oliver Fav Netherland Usable LETO(199 1 -									
1910	WEIR MIN	Power	Ash dispos	Tailings	Ash slurry	1.Slurry ch	Maya Pola	Australia	Usable
3231	WEIR SLL	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Vacancy	USA	Usable
1881	WEIR PUI	None	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable
1787	DAVIDSOI	Coal Gasif	Gasifier fe	Process oi	Coal slurry	0.General	Vacancy	USA	Usable
1903	MATSUBC	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Harry Cui	Japan	Usable
-	-	Gold	Autoclave	Process oi	Gold ore s	0.General	Vacancy	USA	Usable
-	-	None	Sludge dis	Tailings	Mine wate	0.General	Oliver Fav	Germany	Usable
-	-	None	Oil drilling	Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
1862	VULCO S.	Gold	Mine back	Tailings	Gold tailing	0.General	Vacancy	Chile	Usable
-	-	Gold	Mine back	Tailings	Backfill pa	0.General	Vacancy	Chile	Usable
-	-	Gold	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable
1881	WEIR PUI	None	Mine dew	Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable

-	-	None	Mine back Tailings	Backfill pa	0.General	Oliver Fav	Canada	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
1862	VULCO S.	None	Tailings di: Tailings	Copper tai	0.General	Vacancy	Chile	Usable
1881	WEIR PUI	None	Mine dewa Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable
-	-	Gold	Mine back Tailings	Backfill pa	0.General	Oliver Fav	South Afric	Usable
7661	WUXI WE	None	Slurry pipe Pipeline tr	Iron ore sl	0.General	Harry Cui	China	Usable

Digester fe	Process oi	Bauxite sl	0.General	Harry Cui	Korea	Usable	Korea Ger	1 -
1823	WEIR DO	Gold	Mine back Tailings	Gold tailin	0.General	Vacancy	Brazil	Usable
1787	DAVIDSO	None	Mine back Tailings	Sodium ca	0.General	Vacancy	USA	Usable
7661	WUXI WE	Coal Gasif	Mill discha Pipeline tr	Coal slurry	0.General	Harry Cui	China	Usable
7661	WUXI WE	Coal Gasif	Gasifier fe Process oi	Coal slurry	0.General	Harry Cui	China	Usable
7661	WUXI WE	Coal Gasif	Gasifier fe Process oi	Coal slurry	0.General	Harry Cui	China	Usable
-	-	Sewage	Incinerator Process oi	Sewage sl	0.General	Oliver Fav	Netherland	Usable
-	-	Coal	Slurry pipe Pipeline tr	Coal slurry	0.General	Oliver Fav	Italy	Usable
-	-	Sewage	Filterpress Process oi	Sewage sl	0.General	Oliver Fav	Germany	Usable
-	-	Alumina	Digester fe Process oi	Bauxite sl	0.General	Oliver Fav	Iran	Usable
-	-	Alumina	Tailings di: Tailings	Bauxite tai	4.Supply o	Oliver Fav	Iran	Usable
-	-	None	Slurry pipe Pipeline tr	Phosphate	0.General	Harry Cui	China	Usable
1787	DAVIDSO	None	Tailings di: Tailings	Copper tai	0.General	Vacancy	USA	Usable
-	-	None	Filterpress Process oi	Chemical :	0.General	Oliver Fav	Germany	Usable
1787	DAVIDSO	Gold	Autoclave Process oi	Gold ore s	0.General	Vacancy	USA	Usable
1881	WEIR PUI	None	Tailings di: Tailings	Lead/zinc :	0.General	Oliver Fav	Canada	Usable
1910	WEIR MIN	Gold	Autoclave Process oi	Gold ore s	0.General	Maya Pola	Papua Nei	Usable
1871	PRECHEZ	None	Filterpress Process oi	Chemical :	0.General	Oliver Fav	Czech Rep	Usable
-	-	Coal	Mine desl Tailings	Coal sludg	0.General	Oliver Fav	Germany	Usable
1823	WEIR DO	None	Tailings di: Tailings	Sodium ca	0.General	Vacancy	Brazil	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherland	Usable
1684	SOMINCC	None	Mine dewa Tailings	Mine wate	0.General	Oliver Fav	Portugal	Usable
-	-	Coal Gasif	Mill discha Pipeline tr	Coal slurry	0.General	Harry Cui	China	Usable
-	-	Coal Gasif	Gasifier fe Process oi	Coal slurry	0.General	Harry Cui	China	Usable

Tailings di: Tailings	Bauxite tai	6.Trouble :	Maya Pola	Australia	Usable	Alcan, Gov	1 -	
1787	DAVIDSON	Gold	Autoclave Process oi	Gold ore s	0.General	Vacancy	USA	Usable
-	-	None	Minegaller Process oi	Cement sl	0.General	Oliver Fav	Germany	Usable
1881	WEIR PUI	None	Mine dewa Tailings	Mine wate	0.General	Oliver Fav	Canada	Usable
-	-	None	Autoclave Process oi	Zinc ore sl	0.General	Oliver Fav	Canada	Usable
-	-	None	Autoclave Process oi	Zinc ore sl	0.General	Oliver Fav	Canada	Usable
-	-	None	Incinerator Process oi	Mine wate	0.General	Oliver Fav	Belgium	Usable
-	-	Gold	Mine back Tailings	Backfill pa	0.General	Oliver Fav	South Afric	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir	0.General	Oliver Fav	Germany	Usable
2988	PINGGUO	Alumina	Tailings di: Tailings	Bauxite tai	4.Supply o	Harry Cui	China	Usable
1910	WEIR MIN	Gold	Tailings di: Tailings	Gold tailin	0.General	Maya Pola	Papua Nei	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherland	Usable
-	-	Coal	Mine desl Tailings	Coal sludg	0.General	Oliver Fav	Germany	Usable
-	-	Sewage	Filterpress Process oi	Sewage sl	0.General	Oliver Fav	Germany	Usable
-	-	Alumina	Digester fe Process oi	Bauxite sl	0.General	Harry Cui	China	Usable
-	-	Alumina	Tailings di: Tailings	Bauxite tai	6.Trouble :	Vacancy	Jamaica	Usable
1881	WEIR PUI	None	Autoclave Process oi	Sodium ca	0.General	Oliver Fav	Canada	Usable
-	-	Alumina	Slurry pipe Pipeline tr	Mine wate	0.General	Oliver Fav	Italy	Usable
-	-	None	Sludge tra Pipeline tr	Chemical :	0.General	Oliver Fav	Netherland	Usable
-	-	None	Filterpress Process oi	Chemical :	0.General	Oliver Fav	Germany	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherland	Usable
-	-	Alumina	Tailings di: Tailings	Bauxite tai	0.General	Vacancy	Jamaica	Usable
1787	DAVIDSON	Gold	Autoclave Process oi	Gold ore s	0.General	Vacancy	USA	Usable
-	-	None	Digester fe Process oi	Bauxite sl	0.General	Oliver Fav	Bosnia & f	Usable

-	-	Coal	Slurry pipe Pipeline tr	Coal slurry 0.0.General	Oliver Fav	Italy	Usable
1881	WEIR PUM	None	Mine back Tailings	Gold tailing 0.0.General	Oliver Fav	Canada	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.0.General	Oliver Fav	Netherland	Usable
1563	INFRASEF	None	Filterpress Process oi	Iron ore sl 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Slurry pipe Pipeline tr	Calcium c 0.0.General	Oliver Fav	Norway	Usable
-	-	None	Incinerator Process oi	Mine waste 0.0.General	Oliver Fav	Belgium	Usable
-	-	None	Sludge dis Tailings	Mine waste 0.0.General	Oliver Fav	Belgium	Usable
1787	DAVIDSON	None	Slurry pipe Pipeline tr	Phosphate 0.0.General	Vacancy	USA	Usable
2168	VULCO PI	None	Mine back Tailings	Silver tailir 0.0.General	Vacancy	Peru	Usable
1677	ALMINA -	None	Mine dewa Tailings	Mine waste 0.0.General	Oliver Fav	Portugal	Usable
1910	WEIR MIN	Gold	Autoclave Process oi	Gold ore s 0.0.General	Maya Pola	Papua New Guinea	Usable
-	-	Coal Gasif	Mill discha Pipeline tr	Coal slurry 0.0.General	Harry Cui	Japan	Usable
Mine dewa Tailings	Mine waste 0.0.General	Maya Pola	Australia	Usable	CSA Mine		1 -
-	-	None	Filterpress Process oi	Chemical : 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process oi	Chemical : 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Sludge tra Pipeline tr	Chemical : 0.0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Filterpress Process oi	Sewage sl 0.0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Sludge tra Pipeline tr	Chemical : 0.0.General	Oliver Fav	Slovenia	Usable
Mine back Tailings	Chemical : 0.0.General	Oliver Fav	Canada	Usable	Canadian		1 -
3231	WEIR SLL	Coal Gasif	Gasifier fe Process oi	Coal slurry 0.0.General	Vacancy	USA	Usable
-	-	None	Mine dewa Tailings	Mine waste 0.0.General	Maya Pola	Australia	Usable
-	-	None	Mine dewa Tailings	Mine waste 0.0.General	Maya Pola	Australia	Usable
-	-	None	Filterpress Process oi	Chemical : 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress Process oi	Zinc ore sl 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Oil drilling Oil industr	Mud (drillir 0.0.General	Oliver Fav	Yugoslavia	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Reactor fe Process oi	Sewage sl 0.0.General	Oliver Fav	Belgium	Usable
-	-	None	Reactor fe Process oi	Mixed sluc 0.0.General	Oliver Fav	Spain	Usable
-	-	None	Filterpress Process oi	Chemical : 0.0.General	Oliver Fav	Germany	Usable
-	-	Alumina	Tailings di: Tailings	Bauxite tai 1.Slurry ch	Maya Pola	Australia	Usable
-	-	Sewage	Filterpress Process oi	Sewage sl 0.0.General	Oliver Fav	Germany	Usable
-	-	Sewage	Filterpress Process oi	Sewage sl 0.0.General	Oliver Fav	Belgium	Usable
Filterpress Process oi	Chemical : 0.0.General	Oliver Fav	Netherland	Usable	BASF(198		1 -
-	-	None	Reactor fe Process oi	Lead slurr 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Mine dewa Tailings	Mine waste 0.0.General	Maya Pola	Australia	Usable
-	-	Sewage	Sludge dis Tailings	Sewage sl 0.0.General	Maya Pola	Australia	Usable
-	-	None	Incinerator Process oi	Chemical : 0.0.General	Oliver Fav	Netherland	Usable
-	-	None	Filterpress Process oi	Kaolin slur 0.0.General	Oliver Fav	UK	Usable
-	-	None	Filterpress Process oi	Kaolin slur 0.0.General	Oliver Fav	UK	Usable
-	-	None	Sludge tra Pipeline tr	Chemical : 0.0.General	Oliver Fav	Netherland	Usable
-	-	Coal	Sludge tra Pipeline tr	Coal sludg 0.0.General	Oliver Fav	Belgium	Usable
-	-	Sewage	Reactor fe Process oi	Sewage sl 0.0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Sludge tra Pipeline tr	Sewage sl 0.0.General	Oliver Fav	Netherland	Usable
-	-	Sewage	Filterpress Process oi	Sewage sl 0.0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Filterpress Process oi	Chemical : 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Incinerator Process oi	Chemical : 0.0.General	Oliver Fav	Germany	Usable
-	-	None	Reactor fe Process oi	Chemical : 0.0.General	Oliver Fav	Netherland	Usable
-	-	Alumina	Tailings di: Tailings	Bauxite tai 4.Supply o	Oliver Fav	Montenegro	Usable
Slurry pipe Pipeline tr	Iron ore sl 0.0.General	Oliver Fav	Russia	Usable	Oskol Elec		1 -
-	-	None	Tailings di: Tailings	Copper tai 0.0.General	Oliver Fav	Kosovo	Usable
-	-	Sewage	Filterpress Process oi	Sewage sl 0.0.General	Oliver Fav	Czech Rep	Usable
-	-	Alumina	Digester fe Process oi	Bauxite sl 0.0.General	Vinay Pare	India	Usable
-	-	None	Reactor fe Process oi	Chemical : 0.0.General	Oliver Fav	Netherland	Usable

-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Czech Rep	Usable
-	-	Coal	Mine desl	Tailings	Coal sludg	0.General	Oliver Fav	Belgium	Usable
-	-	Sewage	Filterpress	Process o	Sewage sl	0.General	Oliver Fav	France	Usable
-	-	Sewage	Filterpress	Process o	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Filterpress	Process o	Sewage sl	0.General	Oliver Fav	Czech Rep	Usable
-	-	None	Filterpress	Process o	Chemical	0.General	Oliver Fav	Germany	Usable
-	-	Sewage	Reactor fe	Process o	Sewage sl	0.General	Oliver Fav	France	Usable
-	-	Sewage	Reactor fe	Process o	Sewage sl	0.General	Oliver Fav	France	Usable
-	-	None	Filterpress	Process o	Chemical	0.General	Oliver Fav	Belgium	Usable
-	-	Coal	Mine desl	Tailings	Coal sludg	0.General	Oliver Fav	Belgium	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Reactor fe	Process o	Sewage sl	0.General	Oliver Fav	Germany	Usable
-	-	Alumina	Digester fe	Process o	Bauxite sl	0.General	Oliver Fav	Germany	Usable
-	-	None	Reactor fe	Process o	Chemical	0.General	Oliver Fav	Germany	Usable
-	-	None	Incinerator	Process o	Chemical	0.General	Oliver Fav	Netherlan	Usable
-	-	None	Filterpress	Process o	Chemical	0.General	Oliver Fav	Germany	Usable
-	-	None	Reactor fe	Process o	Chemical	0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process o	Chemical	0.General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process o	Chemical	0.General	Oliver Fav	Germany	Usable
-	-	None	Incinerator	Process o	Chemical	0.General	Oliver Fav	Italy	Usable
-	-	None	Filterpress	Process o	Ceramic sl	0.General	Oliver Fav	Poland	Usable
1787	DAVIDSON	None	Mine back	Tailings	Sand slurr	0.General	Vacancy	USA	Usable
1881	WEIR PUI	None	Tailings di	Tailings	Coal tailing	0.General	Oliver Fav	Canada	Usable
-	-	None	Mine dew	Tailings	Mine water	0.General	Maya Pola	Australia	Usable
3316	VEDANTA	Power	Ash dispo	Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
1910	WEIR MIN	Alumina	Tailings di	Tailings	Bauxite tai	3.Basic de	Maya Pola	Australia	Usable
7661	WUXI WE	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
7661	WUXI WE	Alumina	Tailings di	Tailings	Bauxite tai	4.Supply o	Harry Cui	China	Usable
7661	WUXI WE	Alumina	Digester fe	Process o	Caustic liq	0.General	Harry Cui	China	Usable
7661	WUXI WE	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
1910	WEIR MIN	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Maya Pola	Australia	Usable
1910	WEIR MIN	Power	Ash dispo	Tailings	Ash slurry	0.General	Maya Pola	Australia	Usable
4621	HANGZH	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
-	-	None	Reactor fe	Process o	Chemical	0.General	Oliver Fav	Denmark	Usable
1899	HINDALCO	Alumina	Digester fe	Process o	Bauxite sl	0.General	Vinay Pare	India	Usable
5421	WEIR MIN	Iron	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Vinay Pare	India	Usable
5421	WEIR MIN	Iron	Slurry pipe	Pipeline tr	Iron ore sl	0.General	Vinay Pare	India	Usable
1563	INFRASE	None	Filterpress	Process o	Chemical	0.General	Oliver Fav	Germany	Usable
2815	RUSAL M	Alumina	Digester fe	Process o	Bauxite sl	0.General	Oliver Fav	Ukraine	Usable
-	-	None	Mine back	Tailings	Ash slurry	0.General	Oliver Fav	UK	Usable
1871	PRECHEZ	None	Filterpress	Process o	Gypsum sl	0.General	Oliver Fav	Czech Rep	Usable
3048	SHANXI A	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
3048	SHANXI A	Alumina	Tailings di	Tailings	Bauxite tai	4.Supply o	Harry Cui	China	Usable
7661	WUXI WE	Coal Gasif	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
3007	WEIHE	Coal Gasif	Mill discha	Pipeline tr	Coal slurry	0.General	Harry Cui	China	Usable
3007	WEIHE	Coal Gasif	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
7661	WUXI WE	None	Mine back	Tailings	Backfill pa	0.General	Harry Cui	China	Usable
7661	WUXI WE	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
3297	BAUXILUM	Alumina	Tailings di	Tailings	Bauxite tai	3.Basic de	Vacancy	Venezuela	Usable
1862	VULCO S.	None	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	Chile	Usable
7661	WUXI WE	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
-	-	None	Mine dew	Tailings	Mine water	0.General	Maya Pola	Australia	Usable
1910	WEIR MIN	Gold	Autoclave	Process o	Gold ore s	0.General	Maya Pola	Papua Nei	Usable
-	-	None	Tailings di	Tailings	Gold tailing	0.General	Vacancy	Mexico	Usable
1910	WEIR MIN	Nickel	Autoclave	Process o	Nickel ore	0.General	Maya Pola	Australia	Usable
7661	WUXI WE	Alumina	Digester fe	Process o	Bauxite sl	0.General	Harry Cui	China	Usable
1647	I.S.E. TRA	Minerals	Slurry pipe	Pipeline tr	Poly metal	5.Turn key	Oliver Fav	Russia	Usable

3245	CORAL B/ Nickel	Autoclave Process o	Nickel ore 0.	General	Maya Pola	Philippines	Usable	
3245	CORAL B/ None	Tailings di: Tailings	Nickel taili	0.	General	Maya Pola	Philippines	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Biomass s	0.	General	Harry Cui	Japan	Usable
7661	WUXI WE Alumina	Digester fe Process o	Bauxite slt	0.	General	Harry Cui	China	Usable
3226	YONGHUI Power	Ash dispo: Tailings	Ash slurry 1.	Slurry ch	Harry Cui	Korea	Usable	
7661	WUXI WE Alumina	Tailings di: Tailings	Bauxite tai	4.	Supply o	Harry Cui	China	Usable
7661	WUXI WE Alumina	Digester fe Process o	Caustic liq	0.	General	Harry Cui	China	Usable
7661	WUXI WE Alumina	Digester fe Process o	Bauxite slt	0.	General	Harry Cui	China	Usable
5421	WEIR MIN Power	Ash dispo: Tailings	Ash slurry 5.	Turn key	Vinay Pare	India	Usable	
1823	WEIR DO None	Tailings di: Tailings	Lead/zinc :	0.	General	Vacancy	Brazil	Usable
7661	WUXI WE Coal Gasif	Gasifier fe Process o	Coal slurry	0.	General	Harry Cui	China	Usable
-	- Sewage	Filterpress Process o	Sewage sl	0.	General	Oliver Fav	Germany	Usable
2815	RUSAL M' Alumina	Digester fe Process o	Bauxite slt	0.	General	Oliver Fav	Ukraine	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
2802	BULYANH None	Mine dew: Tailings	Mine wate	0.	General	Oliver Fav	Tanzania	Usable
1823	WEIR DO None	Tailings di: Tailings	Lead/zinc :	0.	General	Vacancy	Brazil	Usable
1862	VULCO S. None	Slurry pipe Pipeline tr	Copper co	0.	General	Vacancy	Chile	Usable
1899	HINDALC(Alumina	Digester fe Process o	Bauxite slt	0.	General	Vinay Pare	India	Usable
1899	HINDALC(Alumina	Digester fe Process o	Bauxite slt	0.	General	Vinay Pare	India	Usable
-	- None	Autoclave Process o	Zinc ore sl	0.	General	Oliver Fav	Canada	Usable
1789	IMERYS M None	Slurry pipe Pipeline tr	Kaolin slur	0.	General	Oliver Fav	UK	Usable
1881	WEIR PU None	Mine back Tailings	Cement sl	0.	General	Oliver Fav	Canada	Usable
2168	VULCO PI None	Tailings di: Tailings	Zinc tailing	0.	General	Vacancy	Peru	Usable
1787	DAVIDSOI Power	Ash dispo: Tailings	Ash slurry 3.	Basic de	Vacancy	USA	Usable	
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
-	- Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Oliver Fav	Belgium	Usable
1862	VULCO S. None	Tailings di: Tailings	Copper tai	0.	General	Vacancy	Chile	Usable
1647	I.S.E. TRA Minerals	Slurry pipe Pipeline tr	Poly metal	5.	Turn key	Oliver Fav	Russia	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
4500	ELEKTRO Power	Ash dispo: Tailings	Ash slurry 3.	Basic de	Oliver Fav	Poland	Usable	
2988	PINGGUO Alumina	Digester fe Process o	Bauxite slt	0.	General	Harry Cui	China	Usable
2988	PINGGUO Alumina	Tailings di: Tailings	Bauxite tai	4.	Supply o	Harry Cui	China	Usable
1823	WEIR DO None	Slurry pipe Pipeline tr	Kaolin slur	0.	General	Vacancy	Brazil	Usable
-	- Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Oliver Fav	Netherland	Usable
-	- Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Oliver Fav	Netherland	Usable
7448	WEIR MIN None	Slurry pipe Pipeline tr	Iron ore sl	0.	General	Vacancy	Mexico	Usable
1787	DAVIDSOI None	Mine back Tailings	Sand slurr	0.	General	Vacancy	USA	Usable
1910	WEIR MIN Power	Ash dispo: Tailings	Ash slurry 1.	Slurry ch	Maya Pola	Australia	Usable	
2833	SAEM-EN Power	Ash dispo: Tailings	Ash slurry 3.	Basic de	Oliver Fav	Romania	Usable	
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
7661	WUXI WE Alumina	Digester fe Process o	Bauxite slt	0.	General	Harry Cui	China	Usable
1862	VULCO S. None	Slurry pipe Pipeline tr	Copper co	0.	General	Vacancy	Chile	Usable
5421	WEIR MIN Power	Ash dispo: Tailings	Ash slurry 1.	Slurry ch	Vinay Pare	India	Usable	
5421	WEIR MIN Alumina	Tailings di: Tailings	Bauxite tai	5.	Turn key	Vinay Pare	India	Usable
2695	ALUMINA Alumina	Tailings di: Tailings	Bauxite tai	1.	Slurry ch	Oliver Fav	Spain	Usable
-	ENGLISCI Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Oliver Fav	UK	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
1858	CINKARN, None	Tailings di: Tailings	Gypsum sl	0.	General	Oliver Fav	Slovenia	Usable
-	- None	Oil drilling Oil industr	Mud (drillir	0.	General	Oliver Fav	Germany	Usable
1903	MATSUBC Sewage	Sludge tra Pipeline tr	Sewage sl	0.	General	Harry Cui	Japan	Usable
1823	WEIR DO None	Tailings di: Tailings	Iron tailing	0.	General	Vacancy	Brazil	Usable
2464	PT FREEF None	Slurry pipe Pipeline tr	Copper co	0.	General	Maya Pola	Indonesia	Usable
7661	WUXI WE None	Slurry pipe Pipeline tr	Iron ore sl	0.	General	Harry Cui	China	Usable
Autoclave Process o		Gold ore s	0.	General	Maya Pola	New Zeala	Usable	
1881	WEIR PU None	Tailings di: Tailings	Copper tai	0.	General	Oliver Fav	Canada	Usable

-	-	-	Tailings di: Tailings	Gypsum sl	4. Supply o	Oliver Fav	Russia	Usable
5421	-	-	Ash dispo: Tailings	Ash slurry	4. Supply o	Vinay Pare	India	Usable
-	-	-	Oil drilling	Mine dewæ	Mud (drillir	0. General	Oliver Fav	Germany
-	-	-	Digester fe	Process oi	Bauxite sl	0. General	Oliver Fav	Russia
-	-	-	Mine back	Tailings	Sand tailin	0. General	Vacancy	USA
-	-	Gold	Autoclave	Process oi	Gold ore s	0. General	Maya Pola	Papua Nei
-	-	Coal Gasif	Gasifier fe	Process oi	Coal slurry	0. General	Harry Cui	China
-	-	Gold	Autoclave	Process oi	Gold ore s	4. Supply o	Oliver Fav	Turkey
-	-	Gold	Autoclave	Process oi	Gold ore s	0. General	Oliver Fav	Turkey
-	-	-	Tailings di: Tailings	Phosphate	0. General	Oliver Fav	Saudi Arat	Usable
-	-	-	Mine dewæ	Tailings	Mine wate	0. General	Maya Pola	Australia
-	-	Gold	Tailings di: Tailings	Gold tailin	0. General	Maya Pola	Philippines	Usable
-	-	Coal Gasif	Gasifier fe	Process oi	Coal slurry	-	Harry Cui	China
-	-	Zinc	Mine back	Tailings	Backfill pa	3. Basic de	Maya Pola	Australia
-	-	-	Mine dewæ	Tailings	Mine wate	3. Basic de	Maya Pola	Australia
-	-	Coal Gasif	Gasifier fe	Process oi	Coal slurry	0. General	Harry Cui	China

Digester fe Process oi Bauxite sl 3. Basic de Oliver Fav Russia Usable 201657 /1 1 -

-	-	Power	Ash dispo: Tailings	Ash slurry	4. Supply o	Oliver Fav	Poland	Usable
-	-	Power	Ash dispo: Tailings	Ash slurry	4. Supply o	Oliver Fav	Poland	Usable

Digester fe	Process oi	Bauxite sl	3. Basic de	Oliver Fav	Russia	Usable	-	-	-
-	-	None	Tailings di: Tailings	Copper tai	7. Undefined	Harry Cui	China	Not usable	
-	-	-	Oil drilling	Mine dewæ	Mud (drillir	0. General	Oliver Fav	Germany	Usable
7776	-	None	Mine dewæ	Tailings	Mine wate	7. Undefined	Harry Cui	Mongolia	Usable
-	-	None	Filterpress	Process oi	Ceramic sl	0. General	Oliver Fav	Poland	Usable
-	-	None	Sludge dis	Tailings	Mine wate	0. General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process oi	Chemical :	0. General	Oliver Fav	France	Usable
-	-	Sewage	Filterpress	Process oi	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	None	Reactor fe	Process oi	Lead slurr	0. General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process oi	Chemical :	0. General	Oliver Fav	Germany	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	None	Filterpress	Process oi	Chemical :	0. General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process oi	Ceramic sl	0. General	Oliver Fav	Poland	Usable
-	-	None	Sludge tra	Pipeline tr:	Chemical :	0. General	Oliver Fav	France	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Reactor fe	Process oi	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Czech Re	Usable
-	-	None	Sludge tra	Pipeline tr:	Mine wate	0. General	Oliver Fav	Germany	Usable
-	-	None	Sludge tra	Pipeline tr:	Chemical :	0. General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process oi	Iron ore sl	0. General	Oliver Fav	Germany	Usable
-	-	Sewage	Reactor fe	Process oi	Sewage sl	0. General	Oliver Fav	France	Usable
-	-	None	Filterpress	Process oi	Chemical :	0. General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process oi	Chemical :	0. General	Oliver Fav	Germany	Usable
-	-	None	Filterpress	Process oi	Iron ore sl	0. General	Oliver Fav	Germany	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Reactor fe	Process oi	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Czech Re	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Reactor fe	Process oi	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Czech Re	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable
-	-	Sewage	Sludge tra	Pipeline tr:	Sewage sl	0. General	Oliver Fav	Netherlanc	Usable

-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Reactor fe	Process o	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Sewage	Sludge tra	Pipeline tr	Sewage sl	0.General	Oliver Fav	Netherlan	Usable
-	-	Gold	Tailings di	Tailings	Gold ore s	4.Supply o	Oliver Fav	Turkey	Usable
-	-	Fly ash	Ash dispo	Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
-	-	Coal Gasif	Gasifier fe	Process o	Coal slurry	3.Basic de	Harry Cui	China	Usable
-	-	-	Mine back	Tailings	Backfill pa	0.General	Vacancy	Canada	Usable
-	-	Coal Gasif	Gasifier fe	Process o	Coal slurry	0.General	Harry Cui	China	Usable
-	-	Alumina	Digester fe	Process o	Bauxite slu	0.General	Harry Cui	China	-
-	-	Gold	Tailings di	Tailings	Gold tailin	3.Basic de	Vacancy	Mexico	Usable
-	-	Sewage	Sludge dis	Tailings	Sewage sl	0.General	Harry Cui	Japan	Usable
-	-	-	Mine back	Tailings	Backfill pa	0.General	Vacancy	Mexico	Usable
-	-	-	Mine back	Tailings	Backfill pa	0.General	Vacancy	Mexico	Usable
-	-	Copper/zir	Slurry pipe	Pipeline tr	Copper co	0.General	Vacancy	Panama	Usable
-	-	Power	Ash dispo	Tailings	Ash slurry	-	Vinay Pare	India	Usable
-	-	-	Ash dispo	Tailings	Ash slurry	4.Supply o	Vinay Pare	India	Usable
-	-	-	Tailings di	Tailings	Gypsum sl	-	Oliver Fav	Slovenia	Usable
-	-	-	Sludge dis	Tailings	Sewage sl	-	Harry Cui	Japan	Usable
-	-	Gold	Autoclave	Process o	Gold ore s	-	Maya Pola	Papua Nei	Usable
-	-	Alumina	Digester fe	Process o	Bauxite slu	-	Oliver Fav	United Ara	Usable
-	-	-	Tailings di	Tailings	Sand slurr	4.Supply o	Oliver Fav	Finland	Usable
-	-	Gold	Autoclave	Process o	Gold ore s	-	Maya Pola	Papua Nei	Usable
-	-	Alumina	Tailings di	Tailings	Bauxite slu	0.General	Vacancy	Brazil	Usable
-	-	-	Tailings di	Tailings	Copper tai	0.General	Vacancy	Chile	Usable
-	-	Copper/zir	Tailings di	Tailings	Copper tai	0.General	Vacancy	Chile	Usable
-	-	Zinc	Mine back	Tailings	-	4.Supply o	Vinay Pare	India	Usable
-	-	Minerals	Tailings di	Tailings	Biomass s	3.Basic de	Oliver Fav	South Afri	Usable
-	-	Copper/zir	Tailings di	Tailings	Copper tai	3.Basic de	Vacancy	Chile	Usable
-	-	Power	Tailings di	Tailings	Gypsum sl	4.Supply o	Oliver Fav	Turkey	-
-	-	Copper/zir	Mine dew	Tailings	Mine wate	3.Basic de	Harry Cui	Mongolia	Usable
-	-	Gold	Mine back	Tailings	Cement sl	3.Basic de	Maya Pola	Australia	Usable
-	-	Copper/zir	Tailings di	Tailings	Copper tai	4.Supply o	Maya Pola	Philippines	Usable
-	-	Coal Gasif	Gasifier fe	Process o	Coal slurry	3.Basic de	Harry Cui	China	-

Pump nar	Pump nur	Pump cus	Pump cor	Pump star	Pump end	Pump stat	Cfg name	Pump cate	Max flow
201514 / 1	1 -	#####	-	-	-	5. Operatic	SHANXI NTZPM		550
201512 / 1	1 -	-	-	-	-	-	SHIJIAZHI TZPM		108
201500 / 1	1 -	-	-	-	-	5. Operatic	SINGHITA ZPM		295
201471 / 1	1 -	#####	-	-	-	5. Operatic	TECK CO. TZPM		270
201525 / 1	1 -	-	-	-	-	5. Operatic	TRN ENEI ZPM		141.5
201495 / 1	1 -	#####	-	-	-	5. Operatic	YONG HU ZPM		140
201438 / 1	1 -	-	-	-	-	5. Operatic	ADITYA B TZPM		240
201452 / 1	1 -	#####	-	-	-	5. Operatic	CHRISTM. TZPM		750
201473 / 1	1 -	#####	-	-	-	5. Operatic	COPPER I ZPM		62
201421 / 1	1 -	-	-	-	-	5. Operatic	ESSAR G. TZPM		378
4200003 /	1 -	#####	-	-	-	5. Operatic	HUINENG TZPM		104
201378 / 1	1 -	#####	-	-	-	5. Operatic	KPS HOFI SH		5
201436 / 1	1 -	-	-	-	-	5. Operatic	LANCO AI TZPM		395
201461 / 1	1 -	-	-	-	-	5. Operatic	LANCO VI TZPM		316
201447 / 1	1 -	-	-	-	-	6. Inactive	LAS BAME TZPM		199
201425 / 1	1 -	#####	-	-	-	5. Operatic	NORILSK TZPM		400
201459 / 1	1 -	#####	-	-	-	5. Operatic	PUCHENC TZPM		144
201435 / 1	1 -	-	-	-	-	5. Operatic	RESOLUT TZPM		158.9
201430 / 7	1 -	10-Oct-14	-	-	-	5. Operatic	SAMARCC TZPM		316
201430 / 1	1 -	10-Oct-14	-	-	-	5. Operatic	SAMARCC TZPM		316
201446 / 1	1 -	#####	-	-	-	5. Operatic	SELENE TZPM		335
4200002 /	1 -	04-Apr-14	-	-	-	5. Operatic	SHIHLIEN ZPM		72.5
4200001 /	1 -	04-Apr-14	-	-	-	5. Operatic	SHIHLIEN TZPM		72.5
201472 / 1	1 -	#####	-	-	-	5. Operatic	SOLOMOI TZPM		545
201432 / 1	1 -	#####	-	-	-	5. Operatic	SYNGAS - ZPM		80
201412 / 1	1 -	#####	-	-	-	5. Operatic	TAKUMA I SH		3
201485 / 1	1 -	#####	-	-	-	5. Operatic	TSK RAKI DHT		7
201469 / 1	1 -	#####	-	-	-	5. Operatic	TSK SORJ DHT		13
201466 / 1	1 -	#####	-	-	-	5. Operatic	USIMINAS TZPM		257
201428 / 1	1 -	#####	-	-	-	5. Operatic	ZHAOFEN TZPM		520
201418 / 1	1 -	-	-	-	-	5. Operatic	ABHIJEET TZPM		250
201431 / 1	1 -	-	-	-	-	5. Operatic	BHUSHAN TZPM		800
201387 / 1	1 -	#####	-	-	-	5. Operatic	CADIA EA TZPM		56
201361 / 1	1 -	#####	-	-	-	5. Operatic	CADIA EA TZPM		216
201362 / 1	1 -	-	-	-	-	5. Operatic	CHANDRA TZPM		210
201417 / 1	1 -	#####	-	-	-	5. Operatic	CHINO MI ZPM		63
201379 / 1	1 -	#####	-	-	-	5. Operatic	CORREGI ZPM		13
201388 / 1	1 -	#####	-	-	-	5. Operatic	CSPGCL I TZPM		185
201419 / 1	1 -	#####	-	-	-	5. Operatic	ENGELS DMP		132
201413 / 1	1 -	#####	-	-	-	5. Operatic	ERNEST I TZPM		396
201366 / 1	1 -	-	-	-	-	5. Operatic	GMR EMC ZPM		145
201377 / 1	1 -	#####	-	-	-	5. Operatic	HINDALCO ZPM		184
201389 / 1	1 -	#####	-	-	-	5. Operatic	HIRATSUI DHT		7
4200000 /	1 -	#####	-	-	-	5. Operatic	HONGSIF. TZPM		60
201398 / 1	1 -	10-Oct-14	-	-	-	5. Operatic	KAMALAN TZPM		345
201381 / 1	1 -	-	-	-	-	5. Operatic	KWPCL A ZPM		257
201327 / 1	1 -	#####	-	-	-	5. Operatic	LEDVICE ZPM		77
201370 / 1	1 -	#####	-	-	-	5. Operatic	LONGKOL TZPM		450
201376 / 1	1 -	-	-	-	-	5. Operatic	MARWA TZPM		192
201380 / 1	1 -	#####	-	-	-	5. Operatic	PANZHIH TZPM		150
201371 / 1	1 -	-	-	-	-	5. Operatic	PARLI TZPM		120
201357 / 1	1 -	#####	-	-	-	5. Operatic	PUEBLO \ TZPM		246
201390 / 1	1 -	#####	-	-	-	5. Operatic	- DHC		175
201420 / 1	1 -	#####	-	-	-	5. Operatic	SATPURA TZPM		100
201363 / 1	1 -	#####	-	-	-	5. Operatic	SHANHUA TZPM		90
201360 / 1	1 -	#####	-	-	-	5. Operatic	TAGANIT TZPM		464
201333 / 1	1 -	#####	-	-	-	5. Operatic	TOROMO TZPM		655

201411 / 1	1 -	##### -	-	5. Operatic TSK HOK\ DHT	18
201395 / 1	1 -	##### -	-	5. Operatic UCHALIN\ DHT	75
201408 / 1	1 -	##### -	-	5. Operatic UKAI ZPM	175
201416 / 1	1 -	##### -	-	5. Operatic WEIHE TZPM	80
201309 / 1	1 -	##### -	-	5. Operatic YUTIANHI TZPM	95
201320 / 1	1 -	##### -	-	5. Operatic AGNICO EZPM	102
201297 / 1	1 -	##### -	-	5. Operatic AMURSK ZPM	55
201262 / 1	1 -	##### -	-	6. Inactive BALCO K\ TZPM	315
201252 / 1	1 -	##### -	-	5. Operatic BHUSAW\ TZPM	156
201335 / 1	1 -	##### -	-	5. Operatic DA HONG TZPM	300
201301 / 1	1 -	##### -	-	5. Operatic ENGELS DMP	132
201306 / 1	1 -	##### -	-	5. Operatic ESPERAN TZPM	105
201299 / 1	1 -	##### -	-	6. Inactive ESSAKAN ZPM	294
201347 / 1	1 -	##### -	-	5. Operatic HEBEI ST TZPM	450
201310 / 1	1 -	##### -	-	5. Operatic JINDAL AI TZPM	315
201263 / 1	1 -	##### -	-	5. Operatic KHAPERK TZPM	193
201307 / 1	1 -	##### -	-	5. Operatic KORBA E\ DHC	135
201308 / 1	1 -	##### -	-	5. Operatic KORBA W DHC	175
201328 / 1	1 -	##### -	-	5. Operatic LAS CENI DHC	130
201294 / 1	1 -	##### -	-	5. Operatic LIHIR ISL\ TZPM	475
201344 / 1	1 -	##### -	-	5. Operatic LUOYANG TZPM	450
201343 / 1	1 -	##### -	-	5. Operatic LUOYANG TZPM	200
201332 / 1	1 -	##### -	-	5. Operatic MAUDA ZPM	251
201303 / 1	1 -	##### -	-	6. Inactive NIOBEC DHC	150
201179 / 1	1 -	##### -	-	5. Operatic NORILSK TZPM	400
201229 / 1	1 -	##### -	-	5. Operatic PARAGON TZPM	461
201247 / 1	1 -	##### -	-	5. Operatic PARAGON TZPM	410
201245 / 1	1 -	##### -	-	5. Operatic PUEBLO \ TZPM	246
201329 / 1	1 -	##### -	-	5. Operatic TOKYO SIDHT	25
201291 / 1	1 -	##### -	-	5. Operatic UTKAL RETZPM	270
201316 / 1	1 -	##### -	-	5. Operatic WUWEI ZPM	49
201231 / 1	1 -	##### -	-	6. Inactive AGUABLA ZPM	90
201222 / 1	1 -	##### -	-	5. Operatic ARCATA F ZPM	100
201220 / 1	1 -	##### -	-	5. Operatic BAOTOU TZPM	271
201210 / 1	1 -	##### -	-	5. Operatic BRAHMAN TZPM	229
201217 / 1	1 -	##### -	-	6. Inactive CHALCO I TZPM	260
201243 / 1	1 -	- -	-	6. Inactive COMPAÑI ZPM	118
201253 / 1	1 -	##### -	-	5. Operatic ESPERAN TZPM	105
201219 / 1	1 -	07-Jul-14 -	-	5. Operatic ESSAR TZPM	367
201249 / 1	1 -	##### -	-	5. Operatic JHAJJAR ZPM	225
201270 / 1	1 -	- -	-	5. Operatic LANJIGAF DHC	200
201278 / 1	1 -	- -	-	5. Operatic LANJIGAF TZPM	300
201221 / 1	1 -	##### -	-	5. Operatic LONGKOL TZPM	450
201227 / 1	1 -	##### -	-	5. Operatic LOS PELA TZPM	169
201246 / 1	1 -	##### -	-	5. Operatic NIKOLAE\ ZPM	220
201178 / 1	1 -	- -	-	- NORILSK TZPM	400
201206 / 1	1 -	##### -	-	5. Operatic PARAS - I TZPM	120
201205 / 1	1 -	##### -	-	5. Operatic PARLI TZPM	120
201259 / 1	1 -	##### -	-	5. Operatic WEIHE TZPM	88
201255 / 1	1 -	##### -	-	5. Operatic WENSHAI TZPM	360
201228 / 1	1 -	##### -	-	5. Operatic WORSLE\ ZPM	216
201234 / 1	1 -	##### -	-	5. Operatic YANCHAN TZPM	79
201152 / 1	1 -	##### -	-	5. Operatic AMBATO\ TZPM	320
201101-2 ,	1 -	##### -	-	5. Operatic ANGLO AI TZPM	263
201101-1 ,	1 -	##### -	-	5. Operatic ANGLO AI TZPM	301
201142 / 1	1 -	##### -	-	5. Operatic ARCATA F TZPM	59
201162 / 1	1 -	07-Jul-14 -	-	5. Operatic ARGYLE TZPM	216
201119 / 1	1 -	##### -	-	5. Operatic CAYELI B\ ZPM	95
201137 / 1	1 -	##### -	-	5. Operatic CAYMAN ZPM	520

201150 / 1	1 -	-	-	6. Inactive CBA	TZPM	290
201140 / 1	1 -	#####	-	5. Operatic	HECLA LL ZPM	139
201108 / 1	1 -	#####	-	5. Operatic	HINDALC(TZPM	78
201110 / 1	1 -	#####	-	5. Operatic	HINDALC(TZPM	136
201109 / 1	1 -	#####	-	5. Operatic	HINDALC(ZPM	26
201128 / 1	1 -	#####	-	6. Inactive	INCO SOL ZPM	80
201160 / 1	1 -	#####	-	5. Operatic	JHARSUG TZPM	263
201100 / 1	1 -	#####	-	5. Operatic	JHARSUG TZPM	240
201126 / 1	1 -	#####	-	5. Operatic	KITTILA ZPM	89
201124 / 1	1 -	#####	-	5. Operatic	NALCO A(TZPM	160
201090 / 1	1 -	#####	-	5. Operatic	NALCO D(TZPM	312
201111 / 1	1 -	#####	-	5. Operatic	NANCHU(TZPM	80
201177 / 1	1 -	#####	-	5. Operatic	NORILSK TZPM	400
201083 / 1	1 -	#####	-	5. Operatic	ONESTEE TZPM	217
201242 / 1	1 -	#####	-	6. Inactive	REDFERN DHC	65
201189 / 1	1 -	#####	-	5. Operatic	RIDGEWA TZPM	216
201130 / 1	1 -	#####	-	5. Operatic	SURALCC TZPM	498
201168 / 1	1 -	#####	-	5. Operatic	UTKAL ZPM	60
201058 / 1	1 -	#####	-	6. Inactive	ALCAN G(TZPM	200
201046 / 1	1 -	#####	-	5. Operatic	APS CHO(ZPM	136
200981 / 1	1 -	#####	-	5. Operatic	ATACOC(TZPM	197
201051 / 1	1 -	#####	-	5. Operatic	BP OOOGDHT	45
201031 / 1	1 -	#####	-	5. Operatic	CATHAY ZPM	38
200992 / 1	1 -	#####	-	5. Operatic	CAYMAN ZPM	520
201071 / 1	1 -	#####	-	6. Inactive	CHELOPE ZPM	92
201045 / 1	1 -	#####	-	5. Operatic	DALIAN TZPM	54
201053 / 1	1 -	#####	-	5. Operatic	FREEPORT ZPM	303
200998 / 1	1 -	#####	-	5. Operatic	HIERRO A TZPM	143
201059 / 1	1 -	#####	-	5. Operatic	IMERYS F ZPM	100
201087 / 1	1 -	#####	-	5. Operatic	JHARSUG TZPM	310
201113-1	1 -	#####	-	6. Inactive	KONKOLA DHC	45
201113-2	1 -	#####	-	6. Inactive	KONKOLA DHC	50
201112-1	1 -	#####	-	5. Operatic	KONKOLA DHC	145
201112-2	1 -	#####	-	5. Operatic	KONKOLA DHC	120
201036 / 1	1 -	#####	-	5. Operatic	LONGKOL TZPM	450
200994 / 1	1 -	-	-	6. Inactive	MOA NIC(TZPM	164
201065 / 1	1 -	#####	-	5. Operatic	PINGGUO TZPM	520
201066 / 1	1 -	#####	-	5. Operatic	PIRITES A ZPM	100
201077 / 1	1 -	#####	-	5. Operatic	RIO CAPII TZP	283
201017 / 1	1 -	#####	-	5. Operatic	RIO TUBA TZPM	343
201029 / 1	1 -	#####	-	5. Operatic	RIO TUBA TZPM	190
201089 / 1	1 -	#####	-	5. Operatic	TOUBU DHT	18
201006 / 1	1 -	#####	-	5. Operatic	YONGHUI ZPM	66
200925 / 1	1 -	#####	-	6. Inactive	BALCO K(TZPM	50
200954 / 1	1 -	#####	-	5. Operatic	CAYMAN ZPM	520
200912 / 1	1 -	#####	-	5. Operatic	CMM V TZPM	145
200898 / 1	1 -	#####	-	5. Operatic	DA HONG TZPM	114
200913 / 1	1 -	-	-	Unknown	ESSO DHB	5
Golden Gr	1 -	#####	-	5. Operatic	GOLDEN APEXS	173
200949 / 1	1 -	#####	-	5. Operatic	GUANGXI TZPM	490
200933 / 1	1 -	#####	-	5. Operatic	LUNAN 4 TZPM	75
200921 / 1	1 -	#####	-	5. Operatic	ONESTEE TZPM	222
200934 / 1	1 -	#####	-	5. Operatic	PARAS - I TZPM	120
200918 / 1	1 -	#####	-	6. Inactive	PARLI TZPM	120
200919 / 1	1 -	#####	-	5. Operatic	RAYALSE TZPM	87
200951 / 1	1 -	#####	-	5. Operatic	SAMARCC TZPM	338
200916 / 1	1 -	#####	-	6. Inactive	SCANMIN ZPM	157
200955 / 1	1 -	#####	-	5. Operatic	SOMINCC DHC	92
200976 / 1	1 -	#####	-	6. Inactive	UAZ PILO ZPM	8

200952 / 1	1 -	##### -	-	6. Inactive URANIUM TZPM	112.5
200896 / 1	1 -	##### -	-	5. Operatic VEDANTA TZPM	350
200962 / 1	1 -	- -	-	6. Inactive WINDALC TZPM	124
200923 / 1	1 -	##### -	-	5. Operatic YANGQU/ TZPM	520
200924 / 1	1 -	##### -	-	5. Operatic YANGQU/ TZPM	130
200932 / 1	1 -	##### -	-	5. Operatic YOKUSUK DHT	14
200837 / 1	1 -	##### -	-	5. Operatic ALUMINIU ZPM	490
200827 / 1	1 -	##### -	-	5. Operatic BALCO - I TZPM	208
200881 / 1	1 -	##### -	-	5. Operatic CINKARNI ZPM	255
200877 / 1	1 -	##### -	-	5. Operatic CMM III ZPM	132
200886 / 1	1 -	##### -	-	5. Operatic CMM IV ZPM	35
200897 / 1	1 -	##### -	-	5. Operatic COMPAÑI TZPM	121
200888 / 1	1 -	##### -	-	6. Inactive HERCULE DKB	15
200870 / 1	1 -	##### -	-	6. Inactive KHI HITAC ZPM	220
200839 / 1	1 -	##### -	-	5. Operatic LONGKOL TZPM	450
200879 / 1	1 -	##### -	-	5. Operatic LUOYANG TZPM	490
200880 / 1	1 -	##### -	-	5. Operatic LUOYANG TZPM	90
9240016/1	1 -	##### -	-	5. Operatic NORAND/ ZPM	103
200875 / 1	1 -	##### -	-	5. Operatic PARAGON TZPM	356
200872 / 1	1 -	##### -	-	5. Operatic RAVENST TZPM	323
200885 / 1	1 -	##### -	-	5. Operatic SHANXI NTZPM	550
200858 / 1	1 -	##### -	-	6. Inactive SINOPEC TZPM	95
200906 / 1	1 -	##### -	-	5. Operatic SOMINCC ZPM	30
201558 / 1	1 -	- -	-	- QUEBRAI TZPM	158
201584 / 1	1 -	- -	-	- GADARW. ZPM	203
201583 / 1	1 -	- -	-	- LARA ZPM	170
201570 / 1	1 -	- -	-	- NABINAG. ZPM	173
201586 / 1	1 -	- -	-	- CNOOC ZPM	13.1
201585 / 1	1 -	- -	-	- CNOOC TZPM	56.4
201577 / 1	1 -	- -	-	- - -	225
201588 / 1	1 -	- -	-	- DEMIR EX DHC	28
201587 / 1	1 -	- -	-	5. Operatic FREEPORT TZPM	156
201576 / 1	1 -	- -	-	- INMACUL. ZPM	180
201575 / 1	1 -	- -	-	- PAK INFR TZPM	170
201573 / 1	1 -	- -	-	- SOMINCC DHC	150
201579 / 1	1 -	- -	-	- TOROMO TZPM	655
201537 / 1	1 -	- -	-	- UCHALIN: ZPM	80
201566 / 1	1 -	- -	-	- ZAPOROZ DHT	90
201572 / 1	1 -	- -	-	- ADANI TIF ZPM	237
201542 / 1	1 -	- -	-	5. Operatic ANGANG TZPM	550
201543 / 1	1 -	- -	-	5. Operatic ANGANG TZPM	505
201540 / 1	1 -	##### -	-	5. Operatic ANGANG TZPM	550
201538 / 1	1 -	- -	-	5. Operatic ARCELOF TZPM	380
201559 / 1	1 -	- -	-	3. Installec BUK PYEC ZPM	123
201574 / 1	1 -	- -	-	- ENGELS DMP	132
201527 / 1	1 MP-GCG2-	- -	-	5. Operatic JAMNAGE ZPM	26
201526 / 1	1 MP-GCG2-	- -	-	5. Operatic JAMNAGE ZPM	68.4
201571 / 1	1 -	- -	-	- LAS CENI. ZPM	103.1
201578 / 1	1 -	##### -	-	5. Operatic NORTH S TZPM	258
201557 / 1	1 -	##### -	-	5. Operatic RAJ WES ZPM	245
201563 / 1	1 UNKNOW	##### -	-	5. Operatic RENMATI. DHC	0.5
201550 / 1	1 -	- -	-	5. Operatic SHENHU/ TZPM	120
201524 / 1	1 -	- -	-	5. Operatic STILLWAT ZPM	61
201523 / 1	1 -	- -	-	5. Operatic TAMNAR TZPM	290
201536 / 1	1 -	- -	-	5. Operatic UCHALIN: TZPM	350
201458 / 1	1 -	- -	-	5. Operatic VALE ALE ZPM	120
201553 / 1	1 -	- -	-	- YUHEZHATZPM	115
201498 / 1	1 -	- -	-	5. Operatic BARRICK ZPM	61.4
201496 / 1	1 -	07-Jul-14 -	-	5. Operatic CERRO N TZPM	284

201484 / 1	1 -	##### -	-	5. Operatic CESC CRIZPM	70
201482 / 1	1 -	##### -	-	5. Operatic DA HONG TZPM	115
201482 / 2	1 -	##### -	-	5. Operatic DA HONG TZPM	230
201481 / 1	1 -	##### -	-	5. Operatic DA HONG TZPM	150
201499 / 1	1 -	- -	-	5. Operatic EL TUBO TZPM	410
201508 / 1	1 -	- -	-	5. Operatic EREN TZPM	108
201503 / 1	1 -	- -	-	5. Operatic ESCONDI TZPM	320
201423 / 1	1 -	- -	-	5. Operatic ESSAR D/ TZPM	367
201467 / 1	1 -	##### -	-	5. Operatic GÖRDES TZPM	385
201470 / 1	1 -	- -	-	5. Operatic HECLA LL ZPM	114
201510 / 1	1 -	##### -	-	5. Operatic KORADI TZPM	350
201501 / 1	1 -	- -	-	5. Operatic KUNSHAN ZPM	43
201504 / 1	1 -	##### -	-	5. Operatic LEDVICE ZPM	77
201494 / 1	1 -	- -	-	5. Operatic LONE TRI ZPM	110
201468 / 1	1 -	- -	-	6. Inactive MMX TZPM	551
201462 / 1	1 -	##### -	-	5. Operatic MONG DL TZPM	240
201516 / 1	1 -	##### -	-	5. Operatic PARK SIIF TZPM	242
201490 / 1	1 -	- -	-	5. Operatic RIO DO PITZPM	296
RWZI Oos	1 -	- -	-	Unknown RWZI OO'DHT	24
S.M.A.G.(	1 -	##### -	-	6. Inactive S.M.A.G. DMP	100
8920131 /	1 -	##### -	-	6. Inactive SAARBER ZPM	65
9020114/1	1 -	##### -	-	5. Operatic ZKZ HORI ZPM	60
8820188/1	1 -	##### -	-	5. Operatic AMERICA ZPM	79
City of Qu(	1 -	##### -	-	5. Operatic CITY OF C ZPM	56
FMG-Getc	1 -	- -	-	6. Inactive FMG-GET TZPM	106
Hungalu A	1 -	##### -	-	6. Inactive HUNGALL ZPM	210
8920105 /	1 -	##### -	-	6. Inactive HUSTADM ZPM	20
Inco(1989)	1 -	##### -	-	6. Inactive INCO DHT	75
Naftagas(	1 -	##### -	-	5. Operatic NAFTAGA TMP	170
##### -	-	5. Operatic OCEANA (ZPM	54 38 -	-	
8840006/1	1 -	##### -	-	5. Operatic PINGGUO ZPM	245
Prakla Sei	1 -	##### -	-	6. Inactive PRAKLA S DMP	143
8820183 /	1 -	##### -	-	6. Inactive RUGBY C ZPM	120
RWZI Utre	1 -	- -	-	Unknown RWZI UTF ZPR	25
8820165 /	1 -	##### -	-	6. Inactive SAARBERDHC	5
8820199 /	1 -	##### -	-	6. Inactive SAARBERDHC	14
8840010/1	1 -	##### -	-	5. Operatic SHENHUA TZPM	30
8920094/1	1 -	##### -	-	5. Operatic SOMINCC ZPM	30
WESTAB(	1 -	##### -	-	6. Inactive WESTAB DHB	30
8840004 /	1 -	##### -	-	5. Operatic WORSLE ZPM	125
WS Veluw	1 -	- -	-	Unknown WS VELU ZPM	12
Zelezno br	1 -	##### -	-	6. Inactive ZELEZNO ZPH	15
Cinkarna C	1 -	##### -	-	5. Operatic CINKARN ZPM	68
8740009 /	1 -	- -	-	6. Inactive HOMEST/ TZPM	68
J.D. Meag	1 -	- -	-	6. Inactive J.D. MEAC ZPM	72
8820056/1	1 -	##### -	-	6. Inactive LUNAN CI ZPM	23
8840002/1	1 -	##### -	-	5. Operatic LUNAN CI TZPM	23
8720109 /	1 -	##### -	-	6. Inactive NANISIVIK ZPM	89
Prakla Sei	1 -	##### -	-	5. Operatic PRAKLA S DMP	40
RWZI Niet	1 -	- -	-	Unknown RWZI NIE ZPM	15
RWZI W.A	1 -	- -	-	Unknown RWZI W.A ZPR	35
8720114/1	1 -	##### -	-	5. Operatic SOMINCC ZPM	30
8720119 /	1 -	##### -	-	6. Inactive TECK-COI ZPM	68
8740005 /	1 -	##### -	-	6. Inactive TECK-COI TZPM	40
ABR(1987	1 -	##### -	-	6. Inactive ABR ZPH	15
ABR(1987	1 -	##### -	-	6. Inactive ABR ZPH	30
8620106/1	1 -	##### -	-	5. Operatic AKW ZPM	40
8720098/1	1 -	- -	-	6. Inactive AMERICA ZPM	80

Bozany-Kc	1 -	##### -	-	6. Inactive BOZANY-I ZPM	40
8620134 /	1 -	##### -	-	5. Operatic CITY OF M ZPM	60
8620135 /	1 -	##### -	-	5. Operatic CITY OF M ZPM	44
##### -	-	5. Operatic CSA MINE ZPM	40 60 -	-	
Darkov(19	1 -	##### -	-	6. Inactive DARKOV ZPM	105
Darkov(19	1 -	##### -	-	6. Inactive DARKOV ZPM	90
Darkov (19	1 -	##### -	-	6. Inactive DARKOV ZPM	120
##### -	-	5. Operatic EL.KRAFT ZPM	50 25 -	-	
8740002 /	1 -	##### -	-	6. Inactive HUNGALL ZPM	210
Hydrocher	1 -	- -	-	Unknown HYDROCI ZPR	40
8620154/1	1 -	##### -	-	6. Inactive KRANJI ZPM	60
Naftagas(	1 -	##### -	-	5. Operatic NAFTAGA TMP	133
NIGC Teh	1 -	##### -	-	6. Inactive NIGC TEH DMP	68
864007/9 /	1 -	##### -	-	5. Operatic NORILSK TZPM	400
Peeters Pt	1 -	##### -	-	6. Inactive PEETERS DMP	102
Prakla Sei	1 -	##### -	-	5. Operatic PRAKLA S DMP	143
8720135 /	1 -	##### -	-	6. Inactive RUGBY C ZPM	70
8620094 /	1 -	- -	-	Unknown RWZI GR(DHC	2
RWZI Vleu	1 -	- -	-	Unknown RWZI VLE ZPR	15
8640004/1	1 -	##### -	-	6. Inactive SHANXI A ZPM	245
8740003 /	1 -	##### -	-	5. Operatic WOLFRAI TZPM	30
8640006/1	1 -	##### -	-	5. Operatic ALCAN SI TZPM	70
8520029 /	1 -	##### -	-	5. Operatic CITY OF M ZPM	92
8520031 /	1 -	##### -	-	6. Inactive CITY OF M ZPM	120
8540005 /	1 -	##### -	-	6. Inactive ENGLISH ZPM	90
Fritesspec	1 -	- -	-	Unknown FRITESSEF ZPR	10
8640001 /	1 -	##### -	-	6. Inactive LIGHT MET ZPM	15
Naftagas(	1 -	##### -	-	5. Operatic NAFTAGA TMP	61
Peeters Pt	1 -	- -	-	Unknown PEETERS DMP	102
Peeters Pt	1 -	- -	-	Unknown PEETERS DMP	60
##### -	-	5. Operatic PREMOG(ZPM	25 40 -	-	
RWZI Zeis	1 -	- -	-	Unknown RWZI ZEIS ZPR	6
São Bento	1 -	- -	-	6. Inactive SÃO BEN ZPM	39
8620048 /	1 -	##### -	-	5. Operatic UCOV/CIT ZPM	72
8620139 /	1 -	##### -	-	6. Inactive ZAPOTOC ZPM	120
8620141 /	1 -	##### -	-	5. Operatic ZKZ HORI ZPM	60
8520106/1	1 -	##### -	-	6. Inactive ALCOA ZPM	110
Baroclem(	1 -	##### -	-	6. Inactive BAROCLE ZPH	3
Bucom(19	1 -	- -	-	Unknown BUCOM DMP	15
84-4-0015	1 -	##### -	-	5. Operatic COCKBUF TZPM	206
Fritesspec	1 -	- -	-	Unknown FRITESSEF ZPR	10
I.G.N.(198	1 -	- -	-	Unknown I.G.N. DMP	102
J.D. Meag	1 -	- -	-	6. Inactive J.D. MEAC ZPH	25
J.D. Meag	1 -	- -	-	6. Inactive J.D. MEAC ZPH	30
Naftagas(	1 -	##### -	-	5. Operatic NAFTAGA TMP	133
New Zeala	1 -	##### -	-	5. Operatic NEW ZEA ZPM	194
Nordmeye	1 -	##### -	-	6. Inactive NORDME DMP	65
Record Ex	1 -	##### -	-	6. Inactive RECORD DMP	40
8520039/1	1 -	##### -	-	6. Inactive RUGBY C ZPM	120
RWZI Den	1 -	- -	-	Unknown RWZI DEI ZPR	30
Varta(198	1 -	##### -	-	6. Inactive VARTA ZPH	4
8520026 /	1 -	##### -	-	5. Operatic ZKZ HORI ZPM	60
834-0010/	1 -	##### -	-	Unknown ATLAS MI TZPM	68
Bayer Uer	1 -	##### -	-	5. Operatic BAYER UI ZPR	125
English Ch	1 -	##### -	-	6. Inactive ENGLISH ZPM	115
Esso Flexi	1 -	- -	-	Unknown ESSO FLE ZPH	25

8440013/1	1 -	-	-	-	6. Inactive HOMEST/ TZPM	116	
8440013/1	1 -	-	-	-	6. Inactive HOMEST/ TZPM	68	
Mareg acc	1 -	#####	-	-	6. Inactive MAREG A ZPH	3	
Nordmeyer	1 -	#####	-	-	6. Inactive NORDME' DMP	100	
Nordmeyer	1 -	#####	-	-	6. Inactive NORDME' DMP	100	
8420170 /	1 -	#####	-	-	6. Inactive NORTH B ZPM	54	
Peeters P	1 -	#####	-	-	6. Inactive PEETERS DMP	143	
Rugby Cer	1 -	#####	-	-	6. Inactive RUGBY C ZPM	120	
RWZI Hor	1 -	-	-	-	Unknown RWZI HOI ZPR	35	
RWZI Zeis	1 -	-	-	-	Unknown RWZI ZEI ZPR	30	
Benteler V	1 -	#####	-	-	5. Operati BENTELE ZPM	15	
Centrozap	1 -	#####	-	-	Unknown CENTROZ ZPH	30	
Duwaco(1	1 -	-	-	-	Unknown DUWACO DMP	100	
Ecotecnic	1 -	#####	-	-	6. Inactive ECOTECN ZPH	28	
Erdölcherr	1 -	#####	-	-	5. Operati ERDÖLC ZPR	60	
Gotwaldov	1 -	#####	-	-	6. Inactive GOTWALI ZPM	6	
Hoechst C	1 -	#####	-	-	5. Operati HOECHS1 ZPR	60	
##### -	-			6. Inactive LEINSTE ZPM	74	38 -	-
Marindco(	1 -	-	-	-	Unknown MARINDC DMP	90
832011-3/	1 -	#####	-	-	5. Operati MINAS DE ZPM	19	
RWZI Har	1 -	#####	-	-	6. Inactive RWZI HAF ZPR	35	
RWZI Niet	1 -	-	-	-	Unknown RWZI NIE ZPM	15	
Saarbergw	1 -	#####	-	-	6. Inactive SAARBER ZPH	10	
Thyssen S	1 -	#####	-	-	5. Operati THYSSEN ZPM	60	
Ube Indus	1 -	#####	-	-	5. Operati UBE INDU TZPM	33	
200281 / 1	1 -	#####	-	-	5. Operati MURRIN I ZPM	20	
200351 / 1	1 -	#####	-	-	5. Operati 820.582.2(TZPM	400	
8200274 /	1 -	#####	-	-	5. Operati OLYMPIC ZPM	108	
200333 / 1	1 -	#####	-	-	6. Inactive ORMET A TZPM	76	
200327 / 1	1 -	-	-	-	Unknown RWZI LAN ZPR	9	
200245 / 1	1 -	#####	-	-	5. Operati SHERWIN ZPM	80	
200299 / 1	1 -	#####	-	-	5. Operati SUMITOM DHT	1	
200328 / 1	1 -	#####	-	-	5. Operati TSK-AICH DHT	14	
200314 / 1	1 -	#####	-	-	5. Operati TSK-SHC SHC	5	
200252 / 1	1 -	#####	-	-	5. Operati TSK-SHIZ DHT	15	
200357 / 1	1 -	#####	-	-	5. Operati TSK-TOB/ DHT	8	
200358 / 1	1 -	#####	-	-	6. Inactive UNIMIN EI ZPM	16	
200175 / 1	1 -	#####	-	-	5. Operati WORSLE' ZPM	151	
Agnico Ea	1 -	#####	-	-	5. Operati AGNICO E TZPM	73	
200090 / 1	1 -	#####	-	-	6. Inactive ALCAN, G TZPM	200	
200114 / 1	1 -	#####	-	-	5. Operati BATU HIJ, TZPM	123	
200087 / 1	1 -	#####	-	-	5. Operati COLLIE P ZPM	32	
200066 / 1	1 -	#####	-	-	5. Operati COMPAÑI ZPM	117	
De Beers	1 -	-	-	-	6. Inactive DE BEER ZPM	123	
200105 / 1	1 -	#####	-	-	6. Inactive DELAWAF TZPM	71	
Filtratec(1	1 -	#####	-	-	6. Inactive FILTRATE ZPH	30	
Filtratec(1	1 -	#####	-	-	6. Inactive FILTRATE ZPH	30	
Filtratec(1	1 -	#####	-	-	6. Inactive FILTRATE ZPH	30	
Filtratec(1	1 -	#####	-	-	6. Inactive FILTRATE ZPH	30	
200122 / 1	1 -	#####	-	-	5. Operati HOLCIM ZPM	325	
200055 / 1	1 -	#####	-	-	5. Operati HUAINAN ZPM	44	
200056 / 1	1 -	#####	-	-	5. Operati HUAINAN TZPM	37	
200182 / 1	1 -	#####	-	-	5. Operati INCO GO ZPM	2	
200095 / 1	1 -	#####	-	-	5. Operati LOS PELA TZPM	141	
200081 / 1	1 -	#####	-	-	5. Operati MINERA A TZPM	91	
200059 / 1	1 -	#####	-	-	5. Operati MURRIN I ZPM	374	
9120064/1	1 -	#####	-	-	6. Inactive NORDHOID KB	30	
200082 / 1	1 -	#####	-	-	5. Operati OCI WYOI DHT	51	

200154 / 1	1 -	##### -	-	5. Operatic SAMITRI I ZPM	120
200107 / 1	1 -	##### -	-	5. Operatic TSK-KOFI DHT	5
200180 / 1	1 -	##### -	-	7. Decomr TSK-SHIG DHT	5
200039 / 1	1 -	##### -	-	6. Inactive BULONG I ZPM	260
200058 / 1	1 -	##### -	-	5. Operatic CANNING ZPM	72
200067 / 1	1 -	##### -	-	5. Operatic ÇAYELI B ZPM	65
200027 / 1	1 -	##### -	-	5. Operatic COCKBU F TZPM	206
200073 / 1	1 -	##### -	-	5. Operatic E&G DMP	132
200030 / 1	1 -	- -	-	Unknown EWW TEC ZPR	9
JCI South	1 -	##### -	-	6. Inactive JCI SOUT DHT	40
Kali & Sal(	1 -	##### -	-	5. Operatic KALI & SADHC	60
6225339/1	1 -	##### -	-	5. Operatic KIDD CRE ZPM	53
200031 / 1	1 -	##### -	-	5. Operatic LEDVICE ZPM	77
6224409/1	1 -	- -	-	6. Inactive MAGMA C ZPM	42

800 Order	-	AMERICA N	N	N - -	#####
200035 / 1	1 -	##### -	-	5. Operatic PHILEX G ZPM	148
6226288/1	1 -	##### -	-	5. Operatic PORGER/ ZPM	100

##### -	-	5. Operatic PREMOC ZPM	25	40 -	-
200044 / 1	1 -	##### -	-	7. Decomr TSK-KYO DHT	8
200091-1 /	1 -	##### -	-	5. Operatic TSK-NAG DHT	10
200091-2 /	1 -	##### -	-	5. Operatic TSK-NAG DHT	6
5219037/1	1 -	##### -	-	5. Operatic TWIN CRE ZPM	276
6225174 /	1 -	##### -	-	5. Operatic WOLFRAI TZPM	50
American I	1 -	##### -	-	5. Operatic AMERICA ZPM	110
E&G(1996	1 -	##### -	-	5. Operatic E&G DMP	72
6224570/1	1 -	##### -	-	5. Operatic ERDÖL CIZPR	60
Galmoy M	1 -	##### -	-	6. Inactive GALMOY DHC	66
5221771/1	1 -	##### -	-	5. Operatic HINDALC I TZPM	230
5222557/1	1 -	- -	-	6. Inactive J.R. SIMPI ZPM	97
5220773/1	1 -	##### -	-	5. Operatic LIHIR ISL ZPM	270
5221302/1	1 -	##### -	-	5. Operatic MINAS DE ZPM	24
5222148/1	1 -	##### -	-	5. Operatic NORTHPI ZPM	54
Phelps Do	1 -	##### -	-	5. Operatic PHELPS I ZPM	63
5220921/1	1 -	##### -	-	5. Operatic TELFER C ZPM	72
TSK-Chug	1 -	##### -	-	5. Operatic TSK-CHU DHT	10
TSK-Osak	1 -	##### -	-	5. Operatic TSK-OSAI DHT	10
TSK-Osak	1 -	##### -	-	5. Operatic TSK-OSAI DHT	10
4215730/1	1 -	##### -	-	5. Operatic BAYSWAI TZPM	250
5218360/1	1 -	##### -	-	5. Operatic INCO THC ZPM	55
JCI South	1 -	##### -	-	6. Inactive JCI SOUT DHT	40
3210390/1	1 -	##### -	-	6. Inactive KAILI ALU TZPM	45

- -	-	Unknown LETO	DHT	2	70 -	-
Muja Powe	1 -	##### -	-	6. Inactive MUJA POI DHC	52	
New York	1 -	##### -	-	5. Operatic NEW YOF DHT	14	
4217170/1	1 -	##### -	-	6. Inactive NORAND/ ZPM	20	
4214080/1	1 -	##### -	-	5. Operatic POLK POI TZPM	110	
Sumitomo	1 -	##### -	-	5. Operatic SUMITOM DHT	2	
TSK-Test |	1 -	##### -	-	5. Operatic TSK-TEST DHT	10	
Twin Cree	1 -	##### -	-	5. Operatic TWIN CRE ZPM	276	
Weber Urr	1 -	##### -	-	6. Inactive WEBER UDHT	15	
4214703/1	1 -	##### -	-	6. Inactive AGBO DMP	76	
3212532/1	1 -	- -	-	6. Inactive AMERICA ZPM	25	
American I	1 -	- -	-	6. Inactive AMERICA DHT	42	
American I	1 -	##### -	-	6. Inactive AMERICA ZPM	34	
9240022/1	1 -	##### -	-	5. Operatic AUR RES I TZPM	161	

Cluff Mini(	1 -	##### -	-	6. Inactive CLUFF MI DHT	60
Engels(19	1 -	##### -	-	6. Inactive ENGELS DMP	72
3210590/1	1 -	##### -	-	5. Operatic ESCONDI ZPM	60
4213958/1	1 -	##### -	-	5. Operatic INCO SOL ZPM	80
JCI South	1 -	##### -	-	6. Inactive JCI SOUT DHT	40
4213812/1	1 -	##### -	-	5. Operatic JIANSHAN TZPM	216

##### -	-	5. Operatic KOREA G TZPM	300	76 -	-
3211957/1	1 -	- -	-	6. Inactive MINERAÇ ZPM	30
OCI Wyon	1 -	##### -	-	5. Operatic OCI WYOIDHT	76
9220156/1	1 -	##### -	-	5. Operatic SHANGH/ ZPM	28
3212798/1	1 -	##### -	-	5. Operatic SHANGH/ TZPM	33
3212798/1	1 -	##### -	-	5. Operatic SHANGH/ TZPM	28
AWZI Dor	1 -	- -	-	Unknown AWZI DOF DHT	6
Carbosulci	1 -	##### -	-	6. Inactive CARBOSL ZPM	63
Filox Filt(1	1 -	##### -	-	6. Inactive FILOX FIL DHC	82
Jajarm Alu	1 -	##### -	-	5. Operatic JAJARM A TZPM	163
Jajarm Alu	1 -	##### -	-	5. Operatic JAJARM A TZPM	110
Jingxiang	1 -	##### -	-	6. Inactive JINGXIAN ZPM	68
9240016/1	1 -	- -	-	6. Inactive KENNECC ZPM	103
9220160/1	1 -	##### -	-	6. Inactive KLUGE DKB	30
9240012/1	1 -	##### -	-	5. Operatic LONE TRF ZPM	113
9240018/1	1 -	##### -	-	6. Inactive NANISIVI ZPM	88
9220116/1	1 -	##### -	-	5. Operatic PORGER/ ZPM	55
9320050/1	1 -	##### -	-	5. Operatic PRECHEZ ZPM	60
Saarbergw	1 -	##### -	-	6. Inactive SAARBERDHC (GSL	5
9240014/1	1 -	- -	-	6. Inactive SAMITRI I ZPM	113
Sludge Dr	1 -	- -	-	Unknown SLUDGE I DHT	8
Sludge Dr	1 -	- -	-	Unknown SLUDGE I DHT	27
9320056/1	1 -	##### -	-	5. Operatic SOMINCC ZPM	25
Weihe Am	1 -	##### -	-	5. Operatic WEIHE AN ZPM	54
Weihe Am	1 -	##### -	-	5. Operatic WEIHE AN TZPM	50

##### -	-	6. Inactive ALCAN, G TZPM	120	160 -	-
9140002/1	1 -	##### -	-	5. Operatic AMERICA ZPM	120
Brieden(19	1 -	##### -	-	6. Inactive BRIEDEN DHT	15
9240004/1	1 -	##### -	-	6. Inactive DUMAGAI ZPM	73
Hudson Ba	1 -	##### -	-	5. Operatic HUDSON ZPM	16
Hudson Ba	1 -	##### -	-	5. Operatic HUDSON ZPM	28
Indaver II(	1 -	- -	-	Unknown INDAVER DHT	4
JCI South	1 -	##### -	-	6. Inactive JCI SOUT DHT	40
92200442/	1 -	##### -	-	6. Inactive KÄFER IS DMP	132
9140004/1	1 -	##### -	-	5. Operatic PINGGUO TZPM	60
9220060/1	1 -	##### -	-	5. Operatic PORGER/ ZPM	100
RWZI Spij	1 -	- -	-	Unknown RWZI SPI DHT	18
RWZI Vee	1 -	- -	-	Unknown RWZI VEE ZPR	25
Saarbergw	1 -	##### -	-	6. Inactive SAARBERDHC	13
9120064/1	1 -	##### -	-	6. Inactive SAB DKB	30
9140010/1	1 -	##### -	-	6. Inactive SHANXI A ZPM	245
9140006/1	1 -	- -	-	6. Inactive ALCAN JA TZPM	124
9020156/1	1 -	##### -	-	6. Inactive CARBOV/ ZPM	20
9020135 /	1 -	##### -	-	6. Inactive EURALUM ZPM	10
Fritesspec	1 -	- -	-	Unknown FRITESSE ZPR	4
9120036/1	1 -	##### -	-	6. Inactive KLUGE DHB	30
RWZI Oos	1 -	- -	-	Unknown RWZI OO DHT	20
8920162/1	1 -	- -	-	6. Inactive ALCAN JA ZPM	14
9040008/1	1 -	##### -	-	5. Operatic AMERICA ZPM	120
8920128/1	1 -	- -	-	6. Inactive BIRAC ZV ZPM	25

Carbosulci	1 -	##### -	-	6. Inactive CARBOSUL ZPR	120
9020062/1	1 -	##### -	-	6. Inactive COMINCC ZPM	34
8920159 /	1 -	-	-	Unknown DE SLUFTDHC	15
9020056/1	1 -	##### -	-	6. Inactive HOECHST DHB	12
8920111 /	1 -	##### -	-	6. Inactive HUSTADN ZPM	20
Indaver I(1	1 -	##### -	-	5. Operatic INDAVER DHT	1
9120093 /	1 -	##### -	-	5. Operatic INDAVER DHT	27
9040002/1	1 -	##### -	-	5. Operatic J.R. SIMPI ZPM	97
8940009 /	1 -	##### -	-	5. Operatic MINERA NTZPM	30
9040009 /	1 -	##### -	-	5. Operatic PIRITES A ZPM	50
8920205 /	1 -	##### -	-	5. Operatic PORGER/ ZPM	55
Ube Indus	1 -	##### -	-	5. Operatic UBE INDU ZPM	50
##### -	-	5. Operatic CSA MINE ZPM	11 54 -	-	
Hoechst C	1 -	##### -	-	5. Operatic HOECHST ZPR	60
Hoechst F	1 -	##### -	-	5. Operatic HOECHST ZPR	60
Hoechst V	1 -	-	-	Unknown HOECHST ZPH	7
Strojexpor	1 -	##### -	-	6. Inactive STROJEX ZPH	15
Zelezarna	1 -	##### -	-	6. Inactive ZELEZARI ZPM	54
##### -	-	6. Inactive CANADIAI ZPM	36 21 -	-	
8140002/1	1 -	##### -	-	5. Operatic EASTMAN TZPM	65
81/400081	1 -	##### -	-	6. Inactive ELURA MITZPM	60
81/400081	1 -	##### -	-	6. Inactive ELURA MITZPM	60
Erdölcherr	1 -	##### -	-	5. Operatic ERDÖLCF ZPR	75
MHD(1981	1 -	##### -	-	6. Inactive MHD ZPM	60
32 / 1	1 -	##### -	-	6. Inactive NAFTA GADMP	200
RWZI Nijr	1 -	-	-	Unknown RWZI NIJI ZPR	40
RWZI Ros	1 -	##### -	-	6. Inactive RWZI ROZ ZPM	15
Technicas	1 -	##### -	-	6. Inactive TECHNIC ZPM	1
WESTAB(	1 -	##### -	-	6. Inactive WESTAB ZPH	30
Worsley A	1 -	##### -	-	5. Operatic WORSLEY ZPM	125
Aalen-Unt	1 -	##### -	-	6. Inactive AALEN-UI ZPM	20
Alken Mae	1 -	##### -	-	6. Inactive ALKEN MI ZPM	50
-	-	Unknown BASF	ZPM	50 16 -	-
Berga(198	1 -	##### -	-	6. Inactive BERGA ZPH	3
Broken Hil	1 -	##### -	-	6. Inactive BROKEN ZPR	100
City of Sy(	1 -	##### -	-	Unknown CITY OF S ZPR	34
Dow Chen	1 -	-	-	Unknown DOW CHE ZPH	7
English Cf	1 -	##### -	-	6. Inactive ENGLISH ZPM	96
English Cf	1 -	##### -	-	6. Inactive ENGLISH ZPR	9
Hoechst V	1 -	-	-	Unknown HOECHST ZPH	7
Kempense	1 -	##### -	-	6. Inactive KEMPENS ZPH	30
RWZI Nie	1 -	-	-	Unknown RWZI NIE ZPM	15
RWZI Nijr	1 -	-	-	Unknown RWZI NIJI ZPR	30
RWZI Noc	1 -	-	-	Unknown RWZI NOZ ZPR	45
RWZI Zeis	1 -	-	-	Unknown RWZI ZEIZ ZPR	30
Strojexpor	1 -	##### -	-	6. Inactive STROJEX ZPH	15
WESTAB(	1 -	##### -	-	6. Inactive WESTAB ZPH	30
Bayer Uer	1 -	##### -	-	6. Inactive BAYER UI ZPH	6
Esso Refir	1 -	-	-	Unknown ESSO REI ZPH	6
Kombinat	1 -	##### -	-	6. Inactive KOMBINA ZPM	85
##### -	-	5. Operatic OSKOL EI ZPM	540 74 -	-	
RMK Trep	1 -	##### -	-	6. Inactive RMK TREI ZPM	300
Strojexpor	1 -	##### -	-	6. Inactive STROJEX ZPM	60
Bharat Alu	1 -	-	-	6. Inactive BHARAT / ZPR	300
Esso Refir	1 -	-	-	Unknown ESSO REI ZPH	6

Karlovi Va	1 -	##### -	-	6. Inactive KARLOVI ZPR	36
Kempense	1 -	##### -	-	6. Inactive KEMPENS ZPH	30
OTV Boulc	1 -	##### -	-	5. Operatic OTV BOU ZPM	40
Public Wo	1 -	-	-	Unknown PUBLIC W ZPR	40
Strojexpor	1 -	##### -	-	6. Inactive STROJEX ZPH	15
WESTAB(	1 -	##### -	-	6. Inactive WESTAB ZPH	30
City of Br(	1 -	##### -	-	6. Inactive CITY OF E ZPR	6
City of Le(	1 -	##### -	-	6. Inactive CITY OF L ZPM	16
Henkel(19	1 -	##### -	-	6. Inactive HENKEL ZPH	15
Kempense	1 -	##### -	-	6. Inactive KEMPENS ZPH	30
RWZI Burq	1 -	-	-	Unknown RWZI BUF ZPR	15
RWZI De `	1 -	-	-	Unknown RWZI DE ` ZPR	15
RWZI Har	1 -	-	-	Unknown RWZI HAF ZPR	30
ABW Anla	1 -	##### -	-	6. Inactive ABW ANL ZPR	20
AOS Stadi	1 -	##### -	-	6. Inactive AOS STAI ZPM	325
Bayer Leve	1 -	##### -	-	5. Operatic BAYER LE ZPR	30
Dow Chen	1 -	-	-	Unknown DOW CHE ZPH	15
Erdölcherr	1 -	##### -	-	5. Operatic ERDÖLC ZPR	60
Hoechst(1	1 -	##### -	-	6. Inactive HOECHS ZPH	15
Hoechst F	1 -	##### -	-	5. Operatic HOECHS ZPM	60
Hoechst F	1 -	##### -	-	5. Operatic HOECHS ZPR	60
Mobil Oil (	1 -	##### -	-	6. Inactive MOBIL OIL ZPH	2
Polimex-C	1 -	##### -	-	Unknown POLIMEX- ZPH	15
200892 / 1	1 -	##### -	-	5. Operatic STILLWA ZPM	57
200840 / 1	1 -	##### -	-	5. Operatic TECK CO. TZPM	270
Telfer - N(	1 -	##### -	-	5. Operatic TELFER - APEXS	173
200874 / 1	1 -	##### -	-	5. Operatic VEDANTA ZPM	55
200855 / 1	1 -	##### -	-	5. Operatic WORSLE` ZPM	218
200860 / 1	1 -	##### -	-	5. Operatic ZHENGZH TZPM	320
200833 / 1	1 -	##### -	-	5. Operatic ZHONGZH TZPM	70
200834 / 1	1 -	##### -	-	5. Operatic ZHONGZH TZP	360
200835 / 1	1 -	##### -	-	5. Operatic ZHONGZH TZPM	140
200822 / 1	1 -	##### -	-	5. Operatic BOND RI ZPM	76
200828 / 1	1 -	##### -	-	5. Operatic CALLIDE I ZPM	121
200797 / 1	1 -	##### -	-	5. Operatic CAYMAN ZPM	520
200788 / 1	1 -	-	-	6. Inactive COWI-RG DHT	60
200768 / 1	1 -	##### -	-	5. Operatic HINDALC ZPM	20
200775 / 1	1 -	##### -	-	5. Operatic HY-GRAD TZPM	206
200776 / 1	1 -	##### -	-	5. Operatic HY-GRAD TZPM	206
200852 / 1	1 -	##### -	-	5. Operatic INFRASE ZPR	60
200807 / 1	1 -	##### -	-	5. Operatic NIKOLAEV ZPM	220
200810 / 1	1 -	##### -	-	6. Inactive NORTHW DHC	100
200819 / 1	1 -	##### -	-	5. Operatic PRECHEZ ZPM	60
200792 / 1	1 -	##### -	-	5. Operatic SHANXI A TZPM	275
200806 / 1	1 -	##### -	-	5. Operatic SHANXI A TZPM	140
200786 / 1	1 -	##### -	-	5. Operatic UID-YANK ZPM	46
200801 / 1	1 -	##### -	-	5. Operatic WEIHE AN ZPM	75
200802 / 1	1 -	##### -	-	5. Operatic WEIHE AN TZPM	75
200849 / 1	1 -	##### -	-	6. Inactive YUNNAN I DHC	60
200778 / 1	1 -	##### -	-	5. Operatic ZHENGZH TZPM	320
200638 / 1	1 -	##### -	-	5. Operatic BAUXILUN TZPM	290
200748 / 1	1 -	##### -	-	5. Operatic COMPAÑI ZPM	118
200691 / 1	1 -	##### -	-	5. Operatic GUIZHOU TZPM	260
Kanowna I	1 -	##### -	-	6. Inactive KANOWN APEXS	80
200689 / 1	1 -	##### -	-	5. Operatic LIHIR ISL ZPM	270
Luismin, T	1 -	-	-	6. Inactive LUISMIN, TZPM	67
200721 / 1	1 -	##### -	-	5. Operatic MURRIN I ZPM	400
200647 / 1	1 -	##### -	-	5. Operatic NANCHU TZPM	50
200706 / 1	1 -	##### -	-	5. Operatic NORILSK TZPM	400

200709 / 1	1 -	##### -	-	5. Operatic RIO TUBA TZPM	343
200710 / 1	1 -	##### -	-	5. Operatic RIO TUBA ZPM	190
200774 / 1	1 -	##### -	-	5. Operatic TAKUMA SH	12
200712 / 1	1 -	##### -	-	6. Inactive YIMEI ALL TZPM	55
200665 / 1	1 -	##### -	-	5. Operatic YONGHUI ZPM	51
200752 / 1	1 -	##### -	-	5. Operatic ZHONGZH TZPM	70
200753 / 1	1 -	##### -	-	5. Operatic ZHONGZH TZP	360
200754 / 1	1 -	##### -	-	5. Operatic ZHONGZH TZPM	120
200561 / 1	1 -	##### -	-	5. Operatic CESC LTI ZPM	55
200618 / 1	1 -	##### -	-	5. Operatic CMM II ZPM	132
200579 / 1	1 -	##### -	-	6. Inactive LUNAN CI TZPM	28
MFF(2002	1 -	##### -	-	5. Operatic MFF DKB	30
200540 / 1	1 -	##### -	-	5. Operatic NIKOLAEV ZPM	220
200594 / 1	1 -	##### -	-	5. Operatic SUMITOM DHT	2
200528 / 1	1 -	##### -	-	5. Operatic BULYANH ZPM	88
200530 / 1	1 -	##### -	-	5. Operatic CMM ZPM	132
200505 / 1	1 -	##### -	-	5. Operatic ESCONDI TZPM	295
200517 / 1	1 -	- -	-	5. Operatic HINDALC(ZPM	36
200518 / 1	1 -	- -	-	5. Operatic HINDALC(TZPM	154
200451 / 1	1 -	##### -	-	6. Inactive HUDSON ZPM	60
200476 / 1	1 -	##### -	-	5. Operatic IMERYS M ZPM	66
200445 / 1	1 -	##### -	-	6. Inactive INCO-CC(TZP	193
200440 / 1	1 -	##### -	-	5. Operatic ISCAYCRI ZPM	132
200520 / 1	1 -	##### -	-	5. Operatic JACKSON ZPM	64
200545 / 1	1 -	##### -	-	5. Operatic KOSAI 3 F DHT	8
200471 / 1	1 -	- -	-	Unknown MOERBEI ZDS	65
200465 / 1	1 -	##### -	-	5. Operatic NORAND(ZPM	93
200529 / 1	1 -	##### -	-	5. Operatic NORILSK TZPM	400
200467 / 1	1 -	##### -	-	5. Operatic OKAYAM(DHT	15
200389 / 1	1 -	##### -	-	5. Operatic PATNOW TZPM	170
200521 / 1	1 -	##### -	-	5. Operatic PINGGUO ZPM	245
200522 / 1	1 -	##### -	-	5. Operatic PINGGUO TZPM	60
200504 / 1	1 -	##### -	-	5. Operatic RIO CAPII TZP	283
200478 / 1	1 -	- -	-	Unknown RWZI EIN ZPR	25
200479 / 1	1 -	- -	-	Unknown RWZI EIN ZPR	50
200431 / 1	1 -	##### -	-	5. Operatic SICARTS(ZPM	380
200460 / 1	1 -	##### -	-	5. Operatic STILLWA(ZPM	57
200506 / 1	1 -	##### -	-	5. Operatic TARONG DHC	125
200557 / 1	1 -	##### -	-	5. Operatic TIMISOAF ZPM	30
200580 / 1	1 -	##### -	-	5. Operatic TSK-KINU DHT	10
200566 / 1	1 -	##### -	-	5. Operatic TSK-SAIT(DHT	4
200433 / 1	1 -	##### -	-	5. Operatic EBARA-T(DHT	30
200378 / 1	1 -	##### -	-	6. Inactive GUIZHOU TZPM	245
200365 / 1	1 -	##### -	-	5. Operatic LOS PELA TZPM	141
200340 / 1	1 -	##### -	-	5. Operatic MSEB KH(TZPM	80
200366 / 1	1 -	##### -	-	5. Operatic NALCO TZPM	312
200424 / 1	1 -	##### -	-	5. Operatic SAN CIPR ZPM	63
200441 / 1	1 -	##### -	-	5. Operatic SHIELDH(ZPR	86
200426 / 1	1 -	##### -	-	5. Operatic TSK-KYO(DHT	6
200442 / 1	1 -	##### -	-	5. Operatic TSK-SHIG DHT	8
200202 / 1	1 -	##### -	-	5. Operatic CINKARN(ZPM	136
200355 / 1	1 -	##### -	-	5. Operatic E&G DMP	132
200452 / 1	1 -	##### -	-	5. Operatic EBARA/A(DHT	6
200247 / 1	1 -	- -	-	6. Inactive FERTILIZ(ZPM	104
200208 / 1	1 -	##### -	-	5. Operatic FREEPOF TZPM	159
200272 / 1	1 -	##### -	-	5. Operatic JIANSHAN TZPM	216
##### -	-	5. Operatic MACRAE(ZPM	54 34 - -		
200253 / 1	1 -	- -	-	6. Inactive MAGNOL(TZPM	66

201640 /1	1 -	-	-	-	-	UGMK Sv ZPM	112
201605 / 1	1 -	-	-	-	-	5. Operatic Haldia Enc ZPM	132
201606 /1	1 -	-	-	-	-	RWE Rhei DMP	132
201596 / 1	1 -	#####	-	-	-	5. Operatic Rusal UAZ ZPM	150
201602 /1	1 -	-	-	-	-	Stillwater I ZPM	48.84
201595 / 1	1 -	-	-	-	-	5. Operatic Porgera ZPM	100
201651 /1	1 -	-	-	-	-	Hubei Yihu ZPM	39.7
201629 / 1	1 -	-	-	-	-	0. Engineer ANAGOLT ZPM	251
201611 /1	1 -	-	-	-	-	Eti Bakir M ZPM	76
201608 / 1	1 -	#####	-	-	-	5. Operatic Umm Wu- TZPM	655
201607 /1	1 -	-	-	-	-	Olympic D ZPM	108
201604 / 1	1 -	-	-	-	-	6. Inactive Apex Minir ZPM	115
201626 /1	1 -	-	-	-	-	Hongsifan ZPM	66.41
201649 /1	1 -	-	-	-	-	MMG Dug DHC	160
201650 /1	1 -	-	-	-	-	BHP Olym ZPM	108
201656 /1	1 -	-	-	-	-	Hengli Dal ZPM	120
-	-	-	-	-	-	Rusal BAZ ZPM	125 45 45 95
201659 /1	1 -	-	-	-	-	Belchatow DHC	200
201661 /1	1 -	-	-	-	-	Belchatow DHC	200
-	-	-	-	-	-	150 32 54 90	
201628 / 1	1 -	-	-	-	-	0. Engineer YUNNAN I TZPM	685
201636 / 1	1 -	#####	-	-	-	5. Operatic RWE Pow DMP	132
201560 / 1	1 -	-	-	-	-	0. Engineer OYU TOL ZPM	72
Polimex-C	1 -	#####	-	-	-	Unknown POLIMEX- ZPH	30
Rethmann	1 -	#####	-	-	-	5. Operatic RETHMAN ZPR	83
Rhone Poi	1 -	#####	-	-	-	6. Inactive RHONE P ZPH	5
RWZI Ven	1 -	-	-	-	-	Unknown RWZI VEN ZPM	60
Varta(1976	1 -	#####	-	-	-	6. Inactive VARTA ZPH	2
WESTAB(	1 -	#####	-	-	-	6. Inactive WESTAB ZPH	15
City of Am	1 -	-	-	-	-	Unknown CITY OF ZPR	50
Erdölcherr	1 -	#####	-	-	-	5. Operatic ERDÖLC ZPR	75
Polimex-C	1 -	#####	-	-	-	Unknown POLIMEX- ZPH	12
Rhone Poi	1 -	#####	-	-	-	6. Inactive RHONE P ZPH	12
RWZI De l	1 -	-	-	-	-	Unknown RWZI DE ZPR	50
RWZI Huiz	1 -	-	-	-	-	Unknown RWZI HUI ZPR	10
RWZI Maæ	1 -	-	-	-	-	Unknown RWZI MA ZPR	50
RWZI Stee	1 -	-	-	-	-	Unknown RWZI STE ZPR	30
RWZI Ude	1 -	-	-	-	-	Unknown RWZI UDI ZPR	20
Strojexpor	1 -	#####	-	-	-	6. Inactive STROJEX ZPR	80
Zuckerfabl	1 -	#####	-	-	-	6. Inactive ZUCKERF ZPR	125
Bayer Uer	1 -	#####	-	-	-	5. Operatic BAYER UI ZPR	70
Beekerwei	1 -	#####	-	-	-	6. Inactive BEEKERV ZPM	60
City of Le(	1 -	#####	-	-	-	6. Inactive CITY OF LZPR	7
Erdölcherr	1 -	#####	-	-	-	5. Operatic ERDÖLC ZPR	75
Ruhrort St	1 -	#####	-	-	-	6. Inactive RUHROR ZPM	60
Thyssen S	1 -	#####	-	-	-	5. Operatic THYSSEN ZPM	60
RWZI Ape	1 -	-	-	-	-	Unknown RWZI APE ZPR	10
RWZI Wo	1 -	-	-	-	-	Unknown RWZI WO ZPR	10
Strojexpor	1 -	#####	-	-	-	6. Inactive STROJEX ZPR	80
RWZI Den	1 -	-	-	-	-	Unknown RWZI DEI ZPR	25
RWZI Haa	1 -	-	-	-	-	Unknown RWZI HAI ZPR	60
RWZI Niet	1 -	-	-	-	-	Unknown RWZI NIE ZPR	15
RWZI Oist	1 -	-	-	-	-	Unknown RWZI OIS ZPR	20
Ucov/City	1 -	#####	-	-	-	5. Operatic UCOV/CIT ZPR	80
RWZI Hen	1 -	-	-	-	-	Unknown RWZI HEI ZPR	100
RWZI Hen	1 -	-	-	-	-	Unknown RWZI HEI ZPR	100

RWZI Hen	1 -	-	-	-	Unknown RWZI HEI ZPR	30
RWZI Kaff	1 -	-	-	-	Unknown RWZI KAF ZPR	30
RWZI Liml	1 -	-	-	-	Unknown RWZI LIM ZPR	50
RWZI Tilbi	1 -	-	-	-	Unknown RWZI TILF ZPR	16
RWZI De l	1 -	-	-	-	Unknown RWZI DE ZPR	50
201630 / 1	1 -	-	-	-	0. Engineer ANAGOLC TZPM	482.5
201645 / 1	1 -	-	-	-	- DARLIPAL ZPM	191
201663 / 1	1 -	-	-	-	- Jiangsu H: ZPM	48
201638 / 1	1 -	-	-	-	- Bruce Jaci DHC	145
201652 / 1	1 -	-	-	-	- Hubei Chu ZPM	55
201655 / 1	1 -	-	-	-	- Xinfu Dige TZPM	720
201668 / 1	1 -	-	-	-	- Minera Me DHC	165
201641 / 1	1 -	-	-	-	- Takuma N SH	0.314
201642 / 1	1 -	-	-	-	- San Julian DHC	234
201643 / 1	1 -	-	-	-	- San Julian DHC	215
201639 / 1	1 -	-	-	-	- Cobre Pan TZPM	226
201627 / 1	1 -	-	-	-	- Wanakbor ZPM	234
201625 / 1	1 -	-	-	-	- OPGCL IB TZPM	222
201621 / 1	1 -	-	-	-	5. Operatic Cinkarna C ZPM	255
201620 / 1	1 -	-	-	-	- Hitachi Zo: SH	5.5
201617 / 1	1 -	-	-	-	- Lihir - New ZPM	270
201614 / 1	1 -	-	-	-	- Al Taweel: TZPM	435
201610 / 1	1 -	#####	-	-	5. Operatic Yara TZPM	630
201615 / 1	1 -	-	-	-	- Lihir Gold TZPM	475
201609 / 1	1 -	-	-	-	- Paragomir TZPM	636
201613 / 1	1 -	-	-	-	5. Operatic LAS CENI ZPM	103.1
201646 / 1	1 -	-	-	-	- Las Cenizi TZPM	121
201662 / 1	1 -	-	-	-	- Hindustan DHC	288
201670 / 1	1 -	-	-	-	- Nokeng FI ZPM	91
201674 / 1	1 -	-	-	-	- Altonorte ZPM	126
201679 / 1	1 -	-	-	-	- Yatagan T ZPM	63
201672 / 1	1 -	-	-	-	- Oyu Tolgo ZPM	72
201658 / 1	1 -	-	-	-	- St. Barbari DHT	185
201669 / 1	1 -	-	-	-	- Carmen C TZPM	580
201680 / 1	1 -	-	-	-	- Weihe Bin TZPM	51

Max press	Max stroke	Slurry tem	Mfg year	Cfg extenc	Cfg drople	Cfg next g	Cfg le size	Cfg glores	Pump type
78	51 -	-	-	N	N	N	70LTR/AP N		2000
97	50 -	-	-	N	N	Y	15LTR/AP Y		250
37	70 -	-	-	N	N	N	26.5LTR/A N		800
110	45 -	-	-	N	N	N	47.5LTR/A N		1600
38	61.6 -	-	-	N	N	N	15LTR/AP N		700
32	55.34 -	-	-	N	N	N	15LTR/AP N		700
160	46 -	-	-	N	N	N	47.5LTR/A Y		1200
50	46 -	-	-	N	N	N	109LTR/AI N		2000
70	66 -	-	-	N	N	N	5.7LTR/AF N		700
50	57 -	-	-	N	N	N	47.5LTR/A N		1200
96	48.2 -	-	-	N	N	N	15LTR/AP Y		250
10 -	-	-	-	N	N	N	- N		21140
34	62 -	-	-	N	N	N	47.5LTR/A N		400
30	58 -	-	-	N	N	N	47.5LTR/A N		400
244	59 -	-	-	N	N	N	26.5LTR/A N		2000
80 -	-	-	-	N	N	N	- N		1600
132	40 -	-	-	N	N	N	26.5LTR/A N		1200
120	61 -	-	-	N	N	N	26.5LTR/A Y		400
177	50.9 -	-	-	N	N	N	47.5LTR/A Y		2000
162	0 -	-	-	N	N	N	47.5LTR/A Y		2000
33.3	52.3 -	-	-	N	N	N	47.5LTR/A N		400
10.8	67.3 -	-	-	N	N	N	5.7LTR/AF N		400
94.2	65 -	-	-	N	N	Y	10LTR/AP Y		100
75	55.6 -	-	-	N	N	N	70LTR/AP N		1600
72	45.6 -	-	-	Y	N	N	10LTR/AP N		800
10 -	-	-	-	N	N	N	- N		21140
45 -	-	-	-	N	N	N	200MM/SF N		10115
68 -	-	-	-	N	N	N	200MM/SF N		10115
44.4	65.7 -	-	-	N	N	N	26.5LTR/A N		400
90	48.2 -	-	-	N	N	N	70LTR/AP N		2000
70	52.2 -	-	-	N	N	N	47.5LTR/A Y		400
70	49 -	-	-	N	N	N	109LTR/AI N		2000
200	68 -	-	-	N	N	N	5.7LTR/AF N		500
135	63 -	-	-	N	N	N	26.5LTR/A N		1200
150	49.39 -	-	-	N	N	N	47.5LTR/A Y		1200
31	56 -	-	-	N	N	N	5.7LTR/AF N		600
41	64 -	-	-	N	N	N	5.7LTR/AF N		250
120	47 -	-	-	N	N	N	26.5LTR/A Y		800
30 -	-	-	-	N	N	N	- N	7 ³ / ₄ x12x15	
104	64.2 -	-	-	N	N	N	47.5LTR/A Y		1200
20	57.3 -	-	-	N	N	N	15LTR/AP N		700
50	59.8 -	-	-	N	N	N	15LTR/AP N		800
71 -	-	-	-	N	N	N	200MM/SF N		10140
95	53.85 -	-	-	N	N	Y	10LTR/AP Y		100
45	55 -	-	-	N	N	N	47.5LTR/A Y		400
37	62 -	-	-	N	N	N	26.5LTR/A N		800
109	57.9 -	-	-	N	N	N	7.5LTR/AF N		800
90	42 -	-	-	N	N	N	70LTR/AP N		2000
75	50 -	-	-	N	N	N	26.5LTR/A N		800
244	62.2 -	-	-	N	N	N	26.5LTR/A N		1600
60	51 -	-	-	N	N	N	15LTR/AP N		500
43	60 -	-	-	N	N	N	47.5LTR/A N		500
40 -	-	-	-	N	N	N	340MM/AF N		21140
125	51.26 -	-	-	N	N	N	15LTR/AP Y		250
105.6	69 -	-	-	N	N	N	10LTR/AP N		250
50	53.7	208 -	-	N	Y	N	70LTR/AP N		1200
110	50.67 -	-	-	N	N	N	109LTR/AI Y		2000

88.3	-	-	N	N	N	230MM/SF N	21140
80	-	-	N	N	N	260MM/SF N	21140
45	57.5	-	N	N	N	15LTR/AP N	800
105.6	56.7	-	N	N	N	10LTR/AP N	500
98	73	-	N	N	Y	10LTR/AP N	250
82.7	65.13	-	N	N	N	10LTR/AP N	800
33	70	-	N	N	N	5.7LTR/AF N	500
80	58.28	-	N	N	N	47.5LTR/A Y	800
180	55.8	-	N	N	N	26.5LTR/A Y	1200
163	60	-	N	N	N	47.5LTR/A N	2000
30	88	-	N	N	N	LTR/API8/ N	7 ³ / ₄ x12x15
229	68	-	N	N	N	15LTR/AP N	1200
33	65	-	N	N	N	26.5LTR/A N	800
50	47	-	N	N	N	70LTR/AP N	1200
60	61	-	N	N	N	47.5LTR/A N	800
210	55.8	-	N	N	N	26.5LTR/A Y	1200
120	-	-	N	N	N	360MM/AF N	26240
120	-	-	N	N	N	360MM/AF N	26240
84	-	-	N	N	N	380MM/AF N	21220
31	48.8	-	N	N	N	70LTR/AP N	1200
95	47	-	N	N	N	70LTR/AP N	2000
120	54	-	N	N	N	26.5LTR/A N	1200
36	60	-	N	N	N	26.5LTR/A N	800
90	-	-	N	N	N	380MM/AF N	26220
80	-	-	N	N	N	- N	1600
130	64.8	-	N	N	N	70LTR/AP N	2000
107	64	-	N	N	N	47.5LTR/A N	2000
43	60	-	N	N	N	47.5LTR/A N	500
80	-	-	N	N	N	230MM/SF N	21140
115	52.3	-	N	N	N	47.5LTR/A Y	800
95	60	-	Y	N	N	5.7LTR/AF N	700
65	82	20	N	N	N	7.5LTR/AF N	700
90	62.8	-	N	N	N	10LTR/AP N	800
139	63	-	N	N	N	47.5LTR/A N	1600
219	56	40	N	N	N	47.5LTR/A N	2000
100	39	100	N	N	N	47.5LTR/A N	1600
250	67.8	-	N	N	N	10LTR/AP N	1200
229	68	-	N	N	N	15LTR/AP N	1200
145	58	40	N	N	N	47.5LTR/A N	2000
47	68.6	-	N	N	N	26.5LTR/A N	800
90	-	-	N	N	N	340MM/AF N	26200
116	64	-	N	N	N	47.5LTR/A N	1200
90	42	100	N	N	N	70LTR/AP N	2000
158	62.3	-	N	N	N	26.5LTR/A N	1200
40	61.5	85	N	N	N	26.5LTR/A N	800
80	-	-	N	N	N	- N	1600
70	52	80	N	N	N	15LTR/AP N	500
70	51	60	N	N	N	15LTR/AP N	500
105	56.7	60	N	N	N	10LTR/AP N	500
120	45	105	N	N	N	70LTR/AP N	2000
77	45	-	N	N	N	26.5LTR/A N	1200
105	68	-	N	N	N	10LTR/AP N	250
59	50.2	210	N	Y	N	47.5LTR/A N	1200
206	63	-	N	N	N	47.5LTR/A N	2000
183	63	-	N	N	N	47.5LTR/A N	2000
70	57	-	N	N	N	7.5LTR/AF N	180
86	68.4	-	N	N	N	26.5LTR/A N	800
65	73.9	30	N	N	N	7.5LTR/AF N	800
68	47	100	N	N	N	70LTR/AP N	1700

160	53.3	50 -	N	N	N	47.5LTR/A N	2000
61	55.2	10 -	N	N	N	15LTR/AP N	800
62	54	145 -	N	Y	N	15LTR/AP N	250
62	55	145 -	N	Y	N	26.5LTR/A N	500
62	35	145 -	N	Y	N	5.7LTR/AF N	700
67	58.2 -	-	N	N	N	7.5LTR/AF N	800
160	57 -	-	N	N	N	47.5LTR/A N	1600
80	57.7 -	-	N	N	N	47.5LTR/A N	800
29	63.1	57 -	N	N	N	10LTR/AP N	600
160	54.4	50 -	N	N	N	26.5LTR/A N	1200
71	51.9 -	-	N	N	N	47.5LTR/A N	1600
100	40 -	-	N	N	N	15LTR/AP N	500
80	65 -	-	N	N	N	47.5LTR/A N	1600
138	54 -	-	N	N	N	26.5LTR/A N	1600
95 -		30 -	N	N	N	260MM/AF N	21180
140	72	50 -	N	N	N	26.5LTR/A N	1200
54	57	55 -	N	N	N	70LTR/AP N	1200
120	53 -	-	N	N	N	7.5LTR/AF N	800
157	53 -	-	N	N	N	26.5LTR/A N	1600
48	55.7 -	-	N	N	N	15LTR/AP N	800
139	55.7 -	-	N	N	N	26.5LTR/A N	1200
15 -	-	-	N	N	N	MM//BAR N	1070
72	45.6 -	-	Y	N	N	5.7LTR/AF N	700
68	47	100 -	N	N	N	70LTR/AP N	1700
36	63	50 -	N	N	N	7.5LTR/AF N	700
132	61 -	-	N	N	N	7.5LTR/AF N	250
70	60 -	-	N	N	N	47.5LTR/A N	800
124	52.5 -	-	N	N	N	26.5LTR/A N	1200
100	67 -	-	N	N	N	10LTR/AP N	800
110	52 -	-	N	N	N	47.5LTR/A N	1600
19 -		30 -	N	N	N	- N	1590
12 -		30 -	N	N	N	- N	1590
20 -		30 -	N	N	N	- N	21180
14 -		30 -	N	N	N	- N	21180
80	42 -	-	N	N	N	70LTR/AP N	2000
59	52	90 -	N	N	N	26.5LTR/A N	500
68	49 -	-	N	N	N	109LTR/AI N	1600
50	69	40 -	N	N	N	10LTR/AP N	700
57 -	-	-	N	N	N	- N	800
50	53.4	208 -	N	Y	N	47.5LTR/A N	1200
46	51.6 -	-	N	N	N	26.5LTR/A N	500
60 -	-	-	N	N	N	200MM/SF N	15115
27	58 -	-	N	N	N	7.5LTR/AF N	700
119	54.4 -	-	N	N	N	5.7LTR/AF N	250
68	47	100 -	N	N	N	70LTR/AP N	1700
30	48.6	155 -	N	Y	N	26.5LTR/A N	250
230	51 -	-	N	N	N	15LTR/AP N	1600
8 -	-	-	N	N	N	- N	590
90 -	-	-	N	N	N	- N	1200
68	38 -	-	N	N	N	109LTR/AI N	2000
108	69 -	-	N	N	N	10LTR/AP N	250
153	54 -	-	N	N	N	26.5LTR/A N	1600
70	52 -	-	N	N	N	15LTR/AP N	500
60	52 -	-	N	N	N	15LTR/AP N	500
120	49 -	-	N	N	N	15LTR/AP N	500
157	60.7 -	-	N	N	N	47.5LTR/A N	2000
60	65.4 -	-	N	N	N	15LTR/AP N	800
90 -	-	-	N	N	N	280MM/AF N	21200
100	39.8 -	-	N	N	N	3.5LTR/AF N	500

19	52	148 -	N	Y	N	15LTR/AP N	180
75	56 -	-	N	N	N	47.5LTR/A N	1200
115	57.5 -	-	N	N	N	15LTR/AP N	800
68	47 -	-	N	N	N	70LTR/AP N	2000
120	54 -	-	N	N	N	26.5LTR/A N	800
59 -	-	-	N	N	N	200MM/SF N	15115
54	55 -	-	N	N	N	47.5LTR/A N	1200
90	50 -	-	N	N	N	26.5LTR/A N	1200
22	67 -	-	N	N	N	26.5LTR/A N	700
29	61 -	-	N	N	N	15LTR/AP N	700
42	59 -	-	N	N	N	5.7LTR/AF N	500
82	53 -	-	N	N	N	15LTR/AP N	500
15 -	-	-	N	N	N	- N	400
38	57 -	-	N	N	N	15LTR/AP N	800
80	42 -	-	N	N	N	70LTR/AP N	2000
68	51 -	-	N	N	N	70LTR/AP N	2000
120	54 -	-	N	N	N	15LTR/AP N	500
28 -	-	-	N	N	N	- N	700
137	60 -	-	N	N	N	47.5LTR/A N	2000
46	52.9	206 -	N	Y	N	47.5LTR/A N	1200
78	50 -	-	N	N	N	70LTR/AP N	2000
120	52 -	-	N	N	N	15LTR/AP N	800
76	65 -	-	N	N	N	7.5LTR/AF N	600
115 -	-	-	N	N	N	- N	800
27	66 -	-	N	N	N	15LTR/AP N	800
55	61 -	-	N	N	N	15LTR/AP N	800
60	68.3	60 -	N	N	N	15LTR/AP N	800
76	70.7 -	-	N	N	N	3.5LTR/AF N	350
115	54.8 -	-	N	N	Y	5.7LTR/AF N	250
81	60.5 -	-	-	-	-	- -	-
100 -	-	-	N	N	N	180MM/AF N	15115
149	76.5 -	-	N	N	N	15LTR/AP N	800
60	70.9 -	-	N	N	N	15LTR/AP N	800
86	53.4 -	-	N	N	N	26.5LTR/A N	800
65 -	-	-	N	N	N	380MM/AF N	21220
110	50.67 -	-	N	N	N	109LTR/AI Y	2000
55	62.6 -	-	N	N	N	7.5LTR/AF N	700
130 -	-	-	N	N	N	260MM/SF N	26180
40	56.5 -	-	N	N	N	26.5LTR/A N	800
60	41.64 -	-	N	N	N	109LTR/AI N	1600
70	46.26 -	-	N	N	N	70LTR/AP N	1600
60	41.64 -	-	N	N	N	109LTR/AI N	1600
110	55.56 -	-	N	N	N	47.5LTR/A N	1600
25	73 -	-	N	N	N	10LTR/AP N	600
30	88 -	-	N	N	N	LTR/API8/ N	7 ³ / ₄ x12x15
85	57 -	-	N	N	N	3.5LTR/AF N	600
103.5	54 -	-	N	N	N	7.5LTR/AF N	800
27.3	68.9 -	-	N	N	N	10LTR/AP N	600
108.5	50 -	-	N	N	N	109LTR/AI Y	2000
39	58 -	-	N	N	N	26.5LTR/A N	800
300 -	-	-	N	N	N	130MM/AF N	5140
96	55.66 -	-	N	N	Y	15LTR/AP Y	250
69	53 -	-	N	N	N	7.5LTR/AF N	800
90	49.3 -	-	N	N	N	47.5LTR/A N	1200
36	57.36 -	-	N	N	Y	47.5LTR/A N	400
25	64 -	-	N	N	N	10LTR/AP N	600
244.5	49.84 -	-	N	N	N	15LTR/AP N	1600
58.7	56 -	-	N	N	N	5.7LTR/AF N	700
125	53 -	-	N	N	N	47.5LTR/A Y	1200

95	55 -	-	N	N	N	7.5LTR/AF N	800
244.5	49.3 -	-	N	N	N	15LTR/AP N	1600
153	63 -	-	N	N	N	26.5LTR/AN	1600
244.5	44.36 -	-	N	N	N	26.5LTR/AN	2000
44.13	65 -	-	N	N	Y	47.5LTR/AY	400
120	61.1 -	-	N	N	Y	15LTR/AP N	400
142.73	63 -	-	N	N	N	47.5LTR/AY	1200
145	58 -	-	N	N	N	47.5LTR/AN	2000
54	56	240 -	N	Y	N	47.5LTR/AN	1200
88	69 -	-	N	N	N	10LTR/AP N	800
39	61 -	-	N	N	Y	47.5LTR/AN	400
96	51.1 -	-	N	N	N	5.7LTR/AF N	700
109	56.6 -	-	N	N	N	7.5LTR/AF N	800
34	54 -	-	N	Y	N	15LTR/AP N	700
108.5	50 -	-	N	N	N	109LTR/AI Y	2000
149	67 -	-	N	N	N	26.5LTR/AY	800
120	55 -	-	N	N	N	47.5LTR/AN	1200
66	62 -	-	N	N	Y	47.5LTR/AY	400
120 -	-	-	N	N	N	160MM/SF N	10115
28 -	-	-	N	N	N	- N	7 ³ / ₄ x8x125
30 -	-	-	N	N	N	- N	600
16 -	-	-	N	N	N	- N	500
33 -	-	-	N	Y	N	- N	600
12 -	-	-	N	N	N	- N	400
38 -	-	155 -	N	Y	N	- N	250
50 -	-	-	N	N	N	- N	1500 conv
7 -	-	-	N	N	N	- N	250
20 -	-	-	N	N	N	280MM/SF N	21101
200 -	-	-	N	N	N	- N	1300

-	N	N	N	-	N	600 Order	-	AUSTRAS	
60 -	-	-	-	N	N	N	-	N	1800
19 -	-	-	-	N	N	N	-	N	7 ³ / ₄ x8x125
19 -	-	-	-	N	N	N	-	N	600
3 -	-	-	-	N	N	N	-	N	250
30 -	-	-	-	N	N	N	160MM/AF	N	518
64 -	-	-	-	N	N	N	160MM/AF	N	518
68 -	-	-	-	N	N	N	-	N	180
76 -	-	-	-	N	N	N	-	N	600
16 -	-	-	-	N	N	N	-	N	534
95 -	-	-	-	N	N	N	-	N	900
32 -	-	-	-	N	N	N	-	N	400
16 -	-	-	-	N	N	N	-	N	15
32 -	-	-	-	N	N	N	-	N	600
50 -	-	-	-	N	N	N	-	N	180
16 -	-	-	-	N	N	N	-	N	500
13 -	-	-	-	N	N	N	-	N	400
63 -	-	-	-	N	N	N	-	N	150
33 -	-	-	-	N	N	N	-	N	600
30 -	-	-	-	N	N	N	-	N	7 ³ / ₄ x8x125
28 -	-	-	-	N	N	N	-	N	400
6 -	-	-	-	N	N	N	-	N	300
76 -	-	-	-	N	N	N	-	N	600
38 -	-	-	-	N	N	N	-	N	600
84 -	-	-	-	N	N	N	-	N	180
16 -	-	-	-	N	N	N	-	N	15
16 -	-	-	-	N	N	N	-	N	30
60 -	-	-	-	N	N	N	-	N	600
36 -	-	-	-	N	Y	N	-	N	600

	16 -	-	-	N	N	N	-	N	400
	15 -	-	-	N	N	N	-	N	500
	40 -	-	-	N	N	N	-	N	500
-	N	N	N	-	N		600 Unknown	-	AUSTRAS
	16 -	-	-	N	N	N	-	N	600
	16 -	-	-	N	N	N	-	N	600
	16 -	-	-	N	N	N	-	N	600
-	N	N	N	-	N		500 Unknown	-	EMEA
	40 -	-	-	N	N	N	-	N	1500 conv
	16 -	-	-	N	N	N	-	N	400
	15 -	-	-	N	N	N	-	N	500
	339 -	-	-	N	N	N	-	N	6½x8½x80
	17 -	-	-	N	N	N	-	N	6x6x60
	80 -	-	-	N	N	N	-	N	1600
	20 -	-	-	N	N	N	-	N	7¾x8x125
	19 -	-	-	N	N	N	-	N	7¾x8x125
	20 -	-	-	N	N	N	-	N	600
	20 -	-	-	N	N	N	160MM/AF	N	5115
	2 -	-	-	N	N	N	-	N	250
	55 -	-	-	N	N	N	-	N	1800
	107 -	-	-	N	N	N	-	N	180
	90 -	-	-	N	N	N	-	N	500
	21 -	-	-	N	N	N	-	N	600
	24 -	-	-	N	N	N	-	N	600
	70 -	-	-	N	N	N	-	N	800
	2 -	-	-	N	N	N	-	N	150
	200 -	-	-	N	N	N	-	N	180
	185 -	-	-	N	N	N	-	N	5x6x170
	20 -	-	-	N	N	N	-	N	7¾x8x125
	40 -	-	-	N	N	N	-	N	7x8x125
-	N	N	N	-	N		500 Unknown	-	EMEA
	3 -	-	-	N	N	N	-	N	150
	20 -	-	-	N	N	N	-	N	500
	22 -	-	-	N	N	N	-	N	600 conv
	16 -	-	-	N	N	N	-	N	600
	16 -	-	-	N	N	N	-	N	500
	24 -	-	-	N	N	N	-	N	600
	40 -	-	-	N	N	N	-	N	7,5
	40 -	-	-	N	N	N	-	N	6x6x60
	65 -	-	-	N	N	N	-	N	800
	2 -	-	-	N	N	N	-	N	150
	20 -	-	-	N	N	N	-	N	7x8x125
	16 -	-	-	N	N	N	-	N	30
	16 -	-	-	N	N	N	-	N	30
	339 -	-	-	N	N	N	-	N	6½x8½x80
	100 -	-	-	N	N	N	-	N	1500
	21 -	-	-	N	N	N	-	N	6x6x60
	30 -	-	-	N	N	N	-	N	7x8x125
	20 -	-	-	N	N	N	-	N	600
	3 -	-	-	N	N	N	-	N	300
	40 -	-	-	N	N	N	-	N	7,5
	16 -	-	-	N	N	N	-	N	500
	70 -	-	-	N	N	N	-	N	250
	15 -	-	-	N	N	N	-	N	600
	12 -	-	-	N	N	N	-	N	600
	3 -	-	-	N	N	N	-	N	30

21 -		20 -	N	N	N	-	N	150
42 -	-	-	N	N	N	-	N	150
40 -	-	-	N	N	N	-	N	7,5
20 -	-	-	N	N	N	-	N	6x6x60
20 -	-	-	N	N	N	-	N	7x8x125
27 -	-	-	N	N	N	-	N	500
39 -	-	-	N	N	N	-	N	7¾x12x15
20 -	-	-	N	N	N	-	N	600
6 -	-	-	N	N	N	-	N	300
1 -	-	-	N	N	N	-	N	300
15 -	-	-	N	N	N	-	N	250
20 -	-	-	N	N	N	-	N	30
20 -	-	-	N	N	N	-	N	7x8x125
15 -	-	-	N	N	N	-	N	30
16 -	-	-	N	N	N	-	N	500
16 -	-	-	N	N	N	-	N	250
16 -	-	-	N	N	N	-	N	500
-	N	N	N	-	N	600 Unknown	-	AUSTRAS
21 -	-	-	N	N	N	-	N	7x8x125
28 -	-	-	N	N	N	-	N	500
16 -	-	-	N	N	N	-	N	400
28 -	-	-	N	N	N	-	N	400
40 -	-	-	N	N	N	-	N	15
16 -	-	-	N	N	N	-	N	500
70 -	-	-	N	N	N	-	N	150
130 -		200 -	N	Y	N	-	N	800
80 -	-	-	N	N	N	-	N	1600
63 -	-	-	N	N	N	10LTR/AP	N	800
85 -	-	-	N	N	N	-	N	500
18 -	-	-	N	N	N	-	N	250
47 -	-	-	N	N	N	7.5LTR/AF	N	700
110 -	-	-	N	N	N	130MM/SF	N	590
75 -	-	-	N	N	N	230MM/SF	N	10140
45 -	-	-	N	N	N	200MM/SF	N	590
70 -	-	-	N	N	N	200MM/SF	N	15115
70 -	-	-	N	N	N	200MM/SF	N	10115
31 -	-	-	N	N	N	-	N	350
79 -	-	-	N	N	N	-	N	900
159 -	-	-	N	N	N	-	N	500
130	53 -	-	N	N	N	-	N	1600
90 -	-	-	N	N	N	-	N	500
30 -	-	-	N	N	N	-	N	500
217 -	-	-	N	N	N	-	N	1200
58 -	-	-	N	N	N	-	N	800
102 -	-	-	N	N	N	-	N	500
15 -	-	-	N	N	N	-	N	30
15 -	-	-	N	N	N	-	N	30
16 -	-	-	N	N	N	-	N	30
16 -	-	-	N	N	N	-	N	30
22 -	-	-	N	N	N	-	N	800
10 -	-	-	N	N	N	-	N	350
65 -	-	-	N	N	N	-	N	180
123 -	-	-	N	N	N	-	N	350
150 -	-	-	N	N	N	-	N	1600
204 -	-	-	N	N	N	-	N	800
36 -	-	-	N	Y	N	-	N	900
15 -	-	-	N	N	N	-	N	400
132 -	-	-	N	N	N	230MM/SF	N	21180

25 -	-	-	N	N	N	-	N	600
45 -	-	-	N	N	N	200MM/SF N		590
45 -	-	-	N	N	N	200MM/SF N		5115
45 -		200 -	N	Y	N	-	N	900
70 -	-	-	N	N	N	-	N	800
53 -	-	-	N	N	N	-	N	700
65 -	-	-	N	N	N	-	N	800
30 -	-	-	N	N	N	-	N	7¾x12x15
18 -	-	-	N	N	N	-	N	250
75 -	-	-	N	N	N	200MM/SF N		21140
120 -	-	-	N	N	N	200MM/AF N		15140
117 -	-	-	N	N	N	-	N	800
93 -	-	-	N	N	N	-	N	800
150 -	-	-	N	N	N	-	N	800

-	-	-	-	-	-	-	-	0
20 -	-	-	N	N	N	-	N	600
20 -	-	-	N	N	N	-	N	600

-	N	N	N	-	N	400 Unknown -	EMEA	
40 -	-	-	N	N	N	200MM/SF N		590
52 -	-	-	N	N	N	200MM/SF N		10115
52 -	-	-	N	N	N	200MM/SF N		10115
34 -		155 -	N	Y	N	26.5LTR/A N		800
107 -	-	-	N	N	N	-	N	250
33 -	-	-	N	Y	N	-	N	700
30 -	-	-	N	N	N	-	N	7¾x12x15
17 -	-	-	N	N	N	-	N	500
100 -	-	-	N	N	N	200MM/AF N		21140
69 -	-	-	N	N	N	-	N	800
228 -	-	-	N	N	N	-	N	1200
28 -	-	-	N	N	N	-	N	800
63 -	-	-	N	N	N	-	N	600
140 -	-	-	N	N	N	-	N	800
31 -	-	-	N	N	N	-	N	600
45 -	-	-	N	N	N	-	N	700
84 -	-	-	N	N	N	200MM/SF N		10140
86 -	-	-	N	N	N	200MM/SF N		10140
92 -	-	-	N	N	N	200MM/SF N		10140
147 -	-	-	N	N	N	-	N	1600
130 -	-	-	N	N	N	-	N	800
75 -	-	-	N	N	N	200MM/SF N		21140
90 -	-	-	N	N	N	-	N	250

-	N	N	N	130MM/SF N		590 Unknown -	EMEA	
60 -	-	-	N	N	N	230MM/AF N		21140
41 -	-	-	N	N	N	180MM/SF N		5125
14 -	-	-	N	N	N	-	N	250
67 -	-	-	N	N	N	-	N	500
110 -	-	-	N	N	N	130MM/SF N		590
70 -	-	-	N	N	N	200MM/SF N		10115
34 -		155 -	N	Y	N	-	N	800
90 -	-	-	N	N	N	160MM/SF N		10115
18 -	-	-	N	N	N	-	N	6½x6x60
66 -	-	-	N	N	N	-	N	600
42 -	-	-	N	N	N	230MM/SF N		10115
39 -	-	-	N	N	N	-	N	500
106 -	-	-	N	N	N	-	N	800

52 -	-	-	N	N	N	230MM/SF N	15115
30 -	-	-	N	N	N	- N	7 ³ / ₄ x12x15
110 -	-	-	N	N	N	- N	800
67 -	-	-	N	N	N	- N	800
75 -	-	-	N	N	N	200MM/SF N	21140
153 -	-	-	N	N	N	- N	1600

-	N	N	N	-	N	1600 Unknown -	ROW
61 -	-	-	N	N	N	- N	600
103 -	-	-	N	N	N	230MM/SF N	21140
10 -	-	-	N	N	N	- N	400
72 -	-	-	N	N	N	- N	180
71 -	-	-	N	N	N	- N	180
73 -	-	-	N	N	N	160MM/SF N	590
25 -	-	-	N	N	N	- N	500
58 -	-	-	N	N	N	230MM/AF N	15115
145 -	-	-	N	N	N	- N	1600
70 -	-	-	N	N	N	- N	500
20 -	-	-	N	N	N	- N	500
28 -	-	-	N	N	N	- N	700
16 -	-	-	N	N	N	- N	400
20 -		135 -	N	Y	N	- N	700
40 -	-	-	N	N	N	- N	700
20 -		60 -	N	N	N	- N	500
18 -	-	-	N	N	N	- N	500
50 -	-	-	N	N	N	160MM/SF N	590
40 -	-	-	N	N	N	- N	700
55 -	-	-	N	N	N	160MM/SF N	590
63 -	-	-	N	N	N	200MM/SF N	10115
26 -	-	-	N	N	N	- N	600
8 -	-	-	N	N	N	- N	400
97 -	-	-	N	N	N	- N	250

-	N	N	N	-	N	1600 Unknown -	AUSTRAS
34 -	-	-	N	Y	N	- N	700
90 -	-	-	N	N	N	160MM/SF N	10115
59 -	-	-	N	N	N	- N	700
22 -		95 -	N	N	N	- N	250
21 -		95 -	N	N	N	- N	350
40 -	-	-	N	N	N	130MM/SF N	570
75 -	-	-	N	N	N	200MM/SF N	21140
30 -	-	-	N	N	N	- N	7 ³ / ₄ x12x15
120 -	-	-	N	N	N	- N	500
19 -	-	-	N	N	N	- N	600
40 -	-	-	N	N	N	160MM/SF N	590
6 -	-	-	N	N	N	- N	250
64 -	-	-	N	N	N	180MM/AF N	5115
15 -	-	-	N	N	N	- N	400
55 -	-	-	N	N	N	- N	1800
115 -	-	-	N	N	N	- N	800
18 -		82 -	N	N	N	- N	400
15 -	-	-	N	N	N	- N	250
20 -	-	-	N	N	N	- N	250
15 -	-	-	N	N	N	- N	534
120 -	-	-	N	N	N	160MM/SF N	10115
16 -	-	-	N	N	N	- N	250
34 -	-	-	N	Y	N	- N	700
32 -		110 -	N	N	N	- N	500

	15 -	-	-	N	N	N	-	N	600
	62 -	-	-	N	N	N	-	N	600
	30 -	-	-	N	N	N	160MM/AF	N	590
	6 -	-	-	N	N	N	-	N	517
	7 -	-	-	N	N	N	-	N	250
	3 -	-	-	N	N	N	160MM/SF	N	570
	25 -	-	-	N	N	N	230MM/SF	N	1090
	228 -	-	-	N	N	N	-	N	1200
	103 -	-	-	N	N	N	-	N	180
	60 -	-	-	N	N	N	-	N	700
	20 -		47 -	N	N	N	-	N	500
	16 -	-	-	N	N	N	-	N	600
-	N	N	N	-	N		600 Unknown	-	AUSTRAS
	16 -	-	-	N	N	N	-	N	500
	16 -	-	-	N	N	N	-	N	500
	40 -	-	-	N	N	N	-	N	15
	16 -	-	-	N	N	N	-	N	15
	4 -	-	-	N	N	N	-	N	500
-	N	N	N	-	N		500 Unknown	-	AMERICA
	100 -	-	-	N	N	N	-	N	500
	40 -	-	-	N	N	N	-	N	250
	40 -	-	-	N	N	N	-	N	250
	15 -	-	-	N	N	N	-	N	500
	16 -	-	-	N	N	N	-	N	500
	250 -	-	-	N	N	N	-	N	1250
	16 -	-	-	N	N	N	-	N	400
	35 -	-	-	N	N	N	-	N	400
	33 -	-	-	N	N	N	-	N	250
	16 -	-	-	N	N	N	-	N	30
	95 -	-	-	N	N	N	-	N	900
	15 -	-	-	N	N	N	-	N	250
	12 -	-	-	N	N	N	-	N	400
-	N	N	N	-	N		400 Unknown	-	EMEA
	40 -	-	-	N	N	N	-	N	7,5
	25 -	-	-	N	N	N	-	N	600
	20 -	-	-	N	N	N	-	N	500
	12 -	-	-	N	N	N	-	N	7,5
	70 -	-	-	N	N	N	-	N	800
	70 -	-	-	N	N	N	-	N	500
	12 -	-	-	N	N	N	-	N	7,5
	15 -	-	-	N	N	N	-	N	30
	28 -	-	-	N	N	N	-	N	400
	2 -	-	-	N	N	N	-	N	300
	3 -	-	-	N	N	N	-	N	300
	2 -	-	-	N	N	N	-	N	300
	20 -	-	-	N	N	N	-	N	15
	15 -	-	-	N	N	N	-	N	30
	40 -	-	-	N	N	N	-	N	15
	6 -	-	-	N	N	N	-	N	7,5
	100 -	-	-	N	N	N	-	N	800
-	N	N	N	-	N		1800 Unknown	-	EMEA
	50 -	-	-	N	N	N	-	N	1800
	15 -	-	-	N	N	N	-	N	500
	50 -	-	-	N	N	N	-	N	1800
	6 -	-	-	N	N	N	-	N	7,5

12	-	-	N	N	N	-	N	400
15	-	-	N	N	N	-	N	30
15	-	-	N	N	N	-	N	400
15	-	-	N	N	N	-	N	400
20	-	-	N	N	N	-	N	15
15	-	-	N	N	N	-	N	30
37	-	-	N	N	N	-	N	250
23	-	-	N	N	N	-	N	400
15	-	-	N	N	N	-	N	15
15	-	-	N	N	N	-	N	30
3	-	-	N	N	N	-	N	150
2	-	-	N	N	N	-	N	150
5	-	-	N	N	N	-	N	300
30	-	-	N	N	N	-	N	400
90	-	-	N	N	N	-	N	1500
25	-	-	N	N	N	-	N	400
6	-	-	N	N	N	-	N	15
16	-	-	N	N	N	-	N	500
40	-	-	N	N	N	-	N	15
15	-	-	N	N	N	-	N	500
15	-	-	N	N	N	-	N	500
6	-	-	N	N	N	-	N	7,5
20	-	-	N	N	N	-	N	15
69	53	-	N	N	N	7.5LTR/AF	N	800
110	61	-	N	N	N	26.5LTR/A	N	1600
140	-	-	N	N	N	-	N	1200
83	59	-	N	N	N	5.7LTR/AF	N	700
79	45.1	-	N	N	N	26.5LTR/A	N	1200
120	47	-	N	N	N	47.5LTR/A	N	2000
160	38	-	N	N	N	15LTR/AP	N	800
77	-	-	N	N	N	-	N	2000
71	-	-	N	N	N	-	N	800
14	55	-	N	N	N	7.5LTR/AF	N	500
60	51	-	N	N	N	15LTR/AP	N	800
68	47	100	N	N	N	70LTR/AP	N	1700
120	-	-	N	N	N	200MM/SF	N	21140
69	79	-	N	N	N	5.7LTR/AF	N	500
121	59	-	N	N	N	47.5LTR/A	N	1200
188	72	-	N	N	N	47.5LTR/A	N	1600
16	-	-	N	N	N	-	N	500
40	61.5	-	N	N	N	26.5LTR/A	N	800
60	-	-	N	N	N	MM//BAR	N	21180
18	50	-	N	N	N	5.7LTR/AF	N	500
77	40	-	N	N	N	47.5LTR/A	N	1600
160	41.4	-	N	N	N	26.5LTR/A	N	1600
72	54	-	Y	N	N	5.7LTR/AF	N	700
10	67	-	N	N	N	5.7LTR/AF	N	400
95	48	-	N	N	N	10LTR/AP	N	500
120	-	-	N	N	N	230MM/AF	N	21180
120	47	-	N	N	N	47.5LTR/A	N	2000
120	71	-	N	N	N	47.5LTR/A	N	1600
240	66	-	N	N	N	10LTR/AP	N	1200
68	-	-	N	N	N	-	N	1600
105	-	-	N	N	N	-	N	600
31	56	-	N	N	N	26.5LTR/A	N	800
50	-	-	N	N	N	-	N	180
60	52	200	N	Y	N	47.5LTR/A	N	900
100	54	-	N	N	N	7.5LTR/AF	N	250
80	65	-	N	N	N	47.5LTR/A	N	1600

50	53.4	208	-	N	Y	N	47.5LTR/A N	1200
36	53	-	-	N	N	N	26.5LTR/A N	800
9	-	-	-	N	N	N	- N	21140
100	59	-	-	N	N	N	7.5LTR/AF N	250
51	55	-	-	N	N	N	5.7LTR/AF N	700
160	38	-	-	N	N	N	15LTR/AP N	800
77	-	-	-	N	N	N	- N	2000
71	-	-	-	N	N	N	- N	800
65	59	-	-	N	N	N	5.7LTR/AF N	700
29	61	-	-	N	N	N	15LTR/AP N	700
63	43.6	-	-	N	N	N	7.5LTR/AF N	180
15	-	-	-	N	N	N	- N	400
40	61.5	-	-	N	N	N	26.5LTR/A N	800
110	-	-	-	N	N	N	130MM/SF N	590
115	79	-	-	N	N	N	7.5LTR/AF N	800
29	61	-	-	N	N	N	15LTR/AP N	700
64	68	-	-	N	N	N	47.5LTR/A N	800
69	59.9	-	-	N	N	N	5.7LTR/AF N	700
70	57	-	-	N	N	N	26.5LTR/A N	500
20	63	95	-	N	N	N	5.7LTR/AF N	500
40	67.8	-	-	N	N	N	10LTR/AP N	600
54	-	-	-	N	N	N	- N	500
22	69	-	-	N	N	N	10LTR/AP N	600
55	55	-	-	N	N	N	7.5LTR/AF N	700
80	-	-	-	N	N	N	200MM/SF N	10140
6	-	-	-	N	N	N	- N	60
43	68	-	-	N	N	N	10LTR/AP N	700
80	65	-	-	N	N	N	47.5LTR/A N	1600
50	-	-	-	N	N	N	200MM/SF N	15115
86	53.9	-	-	N	N	N	26.5LTR/A N	800
67	36	-	-	N	N	N	47.5LTR/A N	1200
120	48	-	-	N	N	N	10LTR/AP N	500
57	-	-	-	N	N	N	- N	800
15	-	-	-	N	N	N	- N	400
15	-	-	-	N	N	N	- N	500
110	49.4	-	-	N	N	N	47.5LTR/A N	1700
69	50	-	-	N	N	N	7.5LTR/AF N	800
60	-	-	-	N	N	N	MM/API12 N	21200
68	52	-	-	N	N	N	7.5LTR/AF N	700
72	-	-	-	N	N	N	200MM/SF N	10140
50	-	-	-	N	N	N	200MM/SF N	5115
30	-	-	-	N	N	N	230MM/SF N	21140
65	40.3	-	-	N	N	N	47.5LTR/A N	1600
150	-	-	-	N	N	N	- N	1600
120	-	-	-	N	N	N	- N	800
71	51.3	45	-	N	N	N	- N	1600
100	-	-	-	N	N	N	- N	800
25	-	-	-	N	N	N	- N	600
45	-	-	-	N	N	N	200MM/SF N	10115
55	-	-	-	N	N	N	200MM/SF N	10140
32	-	-	-	N	N	N	10LTR/AP N	700
30	-	-	-	N	N	N	- N	7 ³ / ₄ x12x15
48	-	-	-	N	N	N	200MM/SF N	10115
66	-	-	-	N	N	N	10LTR/AP N	800
110	-	-	-	N	N	N	- N	800
153	-	-	-	N	N	N	- N	1600

-	N	N	N	-	N		600 Unknown	-	AUSTRAS
59	-	-	-	N	N	N	-	N	180

68	53.7	40 -	N	N	N	10LTR/AP N	800
40	52	60	2015 N	N	N	15LTR/AP N	800
30	88 -	-	N	N	N	- N	7 ³ / ₄ x12x15
60	60	98	2015 N	N	N	15LTR/AP N	800
117	81.6	16	2015 N	N	N	3.5LTR/AF N	700
20	49	60	2015 N	N	N	10LTR/AP N	600
100	29	80 -	N	N	N	5.7LTR/AF N	800
27.6	61	170	2017 N	Y	N	26.5LTR/A N	800
31.94	64.6	185	2016 N	Y	N	5.7LTR/AF N	600
64.34	49.9	45	2016 N	N	N	109LTR/AI N	2000
85	84	40	2015 N	N	N	5.7LTR/AF N	800
40	62	20	2015 N	N	N	10LTR/AP N	700
96.96	48.5	80	2016 Y	N	N	5.7LTR/AF N	800
30 -	-	-	-	-	-	- -	21140
85	84	40 -	N	N	N	5.7LTR/AF N	800
96	56	60 -	Y	N	N	10LTR/AP N	900

-	N	N	N	15LTR/AP N	800 Order	NODULAI I EMEA
95 -	-	-	-	-	-	26240
95 -	-	-	-	-	-	26240

-	-	-	-	-	-	Order	-	EMEA
85	58	30	2016 N	N	N	109LTR/AI Y		2000
30	88 -	-	N	N	N	-	N	7¾x12x15
144.6	84 -		2016 N	N	N	5.7LTR/AFN		800
20 -	-	-	N	N	N	-	N	30
25 -	-	-	N	N	N	-	N	600
10 -	-	-	N	N	N	-	N	15
15 -	-	-	N	N	N	-	N	500
40 -	-	-	N	N	N	-	N	7,5
15 -	-	-	N	N	N	-	N	15
4 -	-	-	N	N	N	-	N	300
15 -	-	-	N	N	N	-	N	500
18 -	-	-	N	N	N	-	N	15
30 -	-	-	N	N	N	-	N	15
12 -	-	-	N	N	N	-	N	500
35 -	-	-	N	N	N	-	N	400
5 -	-	-	N	N	N	-	N	300
2 -	-	-	N	N	N	-	N	400
3 -	-	-	N	N	N	-	N	300
8 -	-	-	N	N	N	-	N	600
14 -	-	-	N	N	N	-	N	600
16 -	-	-	N	N	N	-	N	500
15 -	-	-	N	N	N	-	N	500
23 -	-	-	N	N	N	-	N	250
15 -	-	-	N	N	N	-	N	500
15 -	-	-	N	N	N	-	N	500
16 -	-	-	N	N	N	-	N	500
35 -	-	-	N	N	N	-	N	400
24 -	-	-	N	N	N	-	N	400
18 -	-	-	N	N	N	-	N	600
4 -	-	-	N	N	N	-	N	400
5 -	-	-	N	N	N	-	N	500
28 -	-	-	N	N	N	-	N	400
3 -	-	-	N	N	N	-	N	400
8 -	-	-	N	N	N	-	N	600
2 -	-	-	N	N	N	-	N	600
3 -	-	-	N	N	N	-	N	600

4	-	-	-	N	N	N	-	N	400
8	-	-	-	N	N	N	-	N	400
9	-	-	-	N	N	N	-	N	500
35	-	-	-	N	N	N	-	N	400
12	-	-	-	N	N	N	-	N	500
67	65	50	2017	N	N	N	47.5LTR/AF	N	1200
39	68	60	2016	N	N	N	15LTR/AP	N	800
99	58	70	-	Y	N	N	5.7LTR/AF	N	700
125	3.7	20	-	N	N	N	420mm/AF	N	26300
100	41	80	-	N	N	N	5.7LTR/AF	N	800
95	49	100	-	N	N	N	109LTR/AI	Y	2000
44.2	-	-	-	-	-	-	-	-	21180
10	-	-	-	N	N	N	-	N	26140
75	6	-	-	N	N	N	420mm/AF	N	26240
87	6	-	-	N	N	N	420mm/AF	N	26240
100	62.5	40	2017	N	N	N	26.5LTR/AF	N	1200
30	48.1	60	2016	N	N	N	26.5LTR/AF	N	800
124	-	60	2016	N	N	N	47.5LTR/AF	N	1600
22	66	65	2016	N	N	N	26.5LTR/AF	N	700
10	-	70	2015	N	N	N	-	N	21140
31	55.5	95	2016	N	N	N	26.5LTR/AF	N	800
96.8	47.3	100	2016	N	N	N	70LTR/AP	N	2000
110	49	30	2016	N	N	N	109LTR/AI	Y	2000
31	48.8	95	2016	N	N	N	70LTR/AP	N	1200
117	50	25	2016	N	N	N	109LTR/AI	Y	2000
27.3	78.3	20	2016	N	N	N	10LTR/AP	N	600
90	60	21	2016	N	N	N	15LTR/AP	N	500
110	-	-	-	-	-	-	-	-	26300
51.35	-	-	-	N	N	N	7.5LTR/AF	N	700
67.7	68	20	-	N	N	N	10LTR/AP	N	800
70	-	-	-	-	-	-	-	-	700
144.6	-	-	-	N	N	N	5.7LTR/AF	N	800
120	-	-	-	-	-	-	-	-	26320
56	61	20	-	N	N	N	70LTR/AP	N	1200
96.5	50	80	-	N	N	N	5.7LTR/AF	N	250

Order type	Cfg le material	Region name	Hydraulic c	Cfg cpds	Cfg vz	Order crea	Order crea
Order	-	CHINA	N	N	N	-	-
Cancelled	-	CHINA	N	N	N	-	-
On hold	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	CAST STEEL/STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	STAINLESS STEEL	ROW	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	AUSTRASIA	N	N	N	-	-
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Order	CAST STEEL/NODUL	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Cancelled	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Cancelled	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	-	AMERICAS	N	Y	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	STEEL/NODULAIR C/	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	Y	N	-	-
Order	-	AMERICAS	N	Y	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	ROW	Y	N	N	-	-
On hold	-	ROW	Y	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Cancelled	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	Y	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Cancelled	-	EMEA	N	N	N	-	-
Order	CAST STEEL/STEEL	AUSTRASIA	N	N	N	-	-
Order	-	INDIA	N	N	N	-	-
Order	-	INDIA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	STEEL/NODULAIR C/	INDIA	N	N	N	-	-
Cancelled	-	INDIA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	INDIA	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	-	INDIA	Y	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	STAINLESS STEEL/TI	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-

Order	-	ROW	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	INDIA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	EMEA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	CAST STEEL/NODUL	INDIA	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	-	INDIA	Y	N	Y	-	-
Order	-	INDIA	Y	N	Y	-	-
Order	-	AMERICAS	Y	N	Y	-	-
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	-	AMERICAS	Y	N	Y	-	-
Order	-	EMEA	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	STEEL/CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	-	INDIA	Y	N	Y	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	AUSTRASIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STAINLESS STEEL	EMEA	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	STEEL	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-

Order	STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	COATED CAST STEE	EMEA	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	STEEL	AUSTRASIA	N	N	N	-	-
Order	-	AMERICAS	Y	N	N	-	-
Order	CAST STEEL	AUSTRASIA	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	Y	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Order	COATED CAST STEE	AMERICAS	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	Y	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	COATED CAST STEE	EMEA	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	AUSTRASIA	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STAINLESS STEEL	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	STAINLESS STEEL	ROW	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Unknown	-	AUSTRASIA	Y	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STEEL	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-

Order	STAINLESS STEEL	EMEA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	STEEL	EMEA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	STAINLESS STEEL	ROW	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
On hold	-	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	-	AMERICAS	-	-	-	-	-
Order	-	EMEA	Y	N	Y	-	-
Order	STEEL	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	-	EMEA	Y	N	Y	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	ROW	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	-	AMERICAS	Y	N	Y	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-

Order	-	INDIA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order		NODULAIR CAST IRCAMERICAS	N	N	N	-	-
Order		NODULAIR CAST IRC EMEA	N	N	N	-	-
Order		NODULAIR CAST IRCAMERICAS	N	Y	N	-	-
Order	-	INDIA	N	N	N	-	-
Order		STAINLESS STEEL/TI EMEA	N	N	N	-	-
Order		CAST STEEL AMERICAS	N	N	N	-	-
Order		NODULAIR CAST IRCINDIA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order		STAINLESS STEEL AMERICAS	N	N	N	-	-
On hold		NODULAIR CAST IRCAMERICAS	N	N	N	-	-
Order		STAINLESS STEEL ROW	N	N	N	-	-
Order		NODULAIR CAST IRC EMEA	N	N	N	-	-
Order		NODULAIR CAST IRCAMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	AMERICAS	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Order	-	CHINA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-

Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
N	N	N	-	-	##### CT213	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	Y	N	N	-	-
Order	-	AMERICAS	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-

Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	ROW	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	CHINA	N	N	N	-	-
Unknown	-	CHINA	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	AMERICAS	Y	N	N	-	-

Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-

-		100	N	-	300	100	8000	-
Unknown	-	AUSTRASIA	N	N	N	-	-	-
Order	-	AUSTRASIA	N	N	N	-	-	-

N	N	N	-	-	#####	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	INDIA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	CHINA	N	N	N	-	-

Y	N	N	-	-	#####	-	-
Unknown	-	AUSTRASIA	Y	N	N	-	-
Unknown	-	AMERICAS	Y	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	ROW	Y	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	Y	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-

Unknown	-	AMERICAS	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	CHINA	N	N	N	-	-

N	N	N	-	-	#####	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	Y	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	CHINA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	CHINA	N	N	N	-	-
Unknown	-	CHINA	N	N	N	-	-

N	N	N	-	-	#####	CT213	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-

Unknown	-	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	ROW	N	N	N	-	-
N	N	N	-	-	#####	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Order	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	INDIA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-

Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Unknown	-	EMEA	Y	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	CAST STEEL	AMERICAS	N	N	N	-	-
Unknown	-	AUSTRASIA	Y	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	AUSTRASIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	AUSTRASIA	N	Y	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	STEEL	INDIA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	-	EMEA	Y	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STEEL	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	-	CHINA	Y	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Unknown	-	AUSTRASIA	Y	N	N	-	-
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	COATED CAST STEEL	EMEA	N	N	N	-	-

Order	STAINLESS STEEL	AUSTRASIA	N	N	N	-	-
Order	NODULAIR CAST IRC	AUSTRASIA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	STAINLESS STEEL	ROW	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	-	CHINA	N	N	N	-	-
Order	NODULAIR CAST IRC	INDIA	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	CHINA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	COATED CAST STEE	AMERICAS	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	CAST STEEL	INDIA	N	N	N	-	-
Order	STAINLESS STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	COATED CAST STEE	EMEA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	CAST STEEL	EMEA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Order	-	AMERICAS	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	STEEL	AMERICAS	N	N	N	-	-
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Order	-	AUSTRASIA	Y	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	CAST STEEL	CHINA	N	N	N	-	-
Unknown	-	AMERICAS	N	N	N	-	-
Unknown	-	INDIA	N	N	N	-	-
Unknown	-	INDIA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	EMEA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Unknown	NODULAIR CAST IRC	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	-	ROW	Y	N	N	-	-
Unknown	NODULAIR CAST IRC	AMERICAS	N	N	N	-	-
Unknown	-	AUSTRASIA	N	N	N	-	-
Unknown	-	CHINA	N	N	N	-	-
N	N	N	-	-	#####	-	-
Unknown	-	AMERICAS	N	N	N	-	-

Order	CAST STEEL	EMEA	N	N	N	28-Jul-16	CT139765
Order	NODULAIR CAST IRC	INDIA	N	N	N	#####	CT213
Order	-	EMEA	N	N	N	#####	CT139765
Order	STEEL	EMEA	N	N	N	#####	CT139765
Order	CAST STEEL/STEEL	AMERICAS	N	N	N	#####	CT139765
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	#####	CT139765
Order	STEEL	CHINA	N	N	N	#####	CT139765
Order	STAINLESS STEEL	EMEA	N	N	N	12-Jul-16	CT213
Order	STAINLESS STEEL/TI	EMEA	N	N	N	#####	CT139765
Order	STAINLESS STEEL	EMEA	N	N	N	#####	CT139765
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	#####	CT139765
Order	NODULAIR CAST IRC	AUSTRASIA	N	N	N	#####	CT139765
Order	CAST STEEL/STEEL	CHINA	N	N	N	29-Jul-16	CT139765
Order	-	AUSTRASIA	Y	-	-	#####	CT139765
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	#####	CT139765
Order	STEEL/CAST STEEL	CHINA	N	N	N	#####	CT139765
N	N	N	#####	CT139765	11-Jul-17	CT139765	#####
Order	-	EMEA	Y	-	-	#####	CT139765
Order	-	EMEA	Y	-	-	#####	CT139765

Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Unknown	-	EMEA	N	N	N	-	-
Order	NODULAIR CAST IRC	EMEA	N	Y	N	11-Jul-16	CT213
Order	NODULAIR CAST IRC	INDIA	N	N	N	#####	CT139765
Order	CAST STEEL	CHINA	N	N	N	#####	CT139765
Order	-	AMERICAS	Y	N	Y	29-Jul-16	CT139765
Order	STEEL	CHINA	N	N	N	#####	CT139765
Order	CAST STEEL/STEEL	CHINA	N	N	N	#####	CT139765
Order	-	AMERICAS	Y	-	-	#####	CT139765
Order	-	ROW	Y	N	N	29-Jul-16	CT139765
Order	CAST STEEL	AMERICAS	Y	N	Y	15-Jul-16	CT86
Order	CAST STEEL	AMERICAS	Y	N	Y	15-Jul-16	CT86
Order	CAST STEEL/STEEL	AMERICAS	N	Y	N	29-Jul-16	CT139765
Order	NODULAIR CAST IRC	INDIA	N	N	N	#####	CT139765
Order	STEEL	INDIA	N	N	N	#####	CT139765
Order	NODULAIR CAST IRC	EMEA	N	N	N	#####	CT139765
Order	-	ROW	Y	N	N	#####	CT139765
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	#####	CT139765
Order	STEEL	EMEA	N	N	N	#####	CT139765
Order	STEEL	EMEA	N	N	N	#####	CT139765
Order	STAINLESS STEEL	AUSTRASIA	N	N	N	#####	CT139765
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	#####	CT139765
Order	NODULAIR CAST IRC	AMERICAS	N	N	N	#####	CT139765
Order	CAST STEEL	AMERICAS	N	N	N	#####	CT139765
Order	-	INDIA	Y	-	-	#####	CT139765
Order	NODULAIR CAST IRC	EMEA	N	N	N	28-Jul-17	CT139765
Order	STEEL/NODULAIR C/	AMERICAS	N	N	N	#####	CT139765
Order	-	EMEA	N	-	-	#####	CT139765
Order	STAINLESS STEEL	CHINA	N	N	N	#####	CT139765
Order	-	AUSTRASIA	Y	-	-	#####	CT139765
Order	NODULAIR CAST IRC	AUSTRASIA	N	N	N	#####	CT139765
Order	STEEL	CHINA	N	N	N	03-Oct-17	CT139765

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#####	-	-	-	-	-	-	-	-	-
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#####	-	-	-	-	-	-	-	-	-
#####	-	-	-	-	-	-	-	-	-
#####	-	-	-	-	-	-	-	-	-
#####	CT139765	11-Jul-16	CT213	11-Jul-16	CT213	11-Jul-16	CT213	12-Jul-16	CT213
#####	-	#####	CT139765	#####	CT86	#####	CT86	#####	CT165
11-Jul-17	CT139765	#####	CT139765-	-	-	#####	CT139765	#####	CT165
#####	-	29-Jul-16	CT139765-	-	-	29-Jul-16	CT139765	29-Jul-16	CT213
#####	CT213	#####	CT139765-	-	-	#####	CT139765	#####	CT165
#####	CT175707	#####	CT139765-	-	-	#####	CT139765	#####	CT165
11-Jul-17	CT139765	#####	CT139765-	-	-	#####	CT139765-	-	-
#####	-	29-Jul-16	CT139765-	-	-	29-Jul-16	CT139765	#####	CT213
#####	-	15-Jul-16	CT86	15-Jul-16	CT213	15-Jul-16	CT86	15-Jul-16	CT86
#####	-	15-Jul-16	CT86	-	-	15-Jul-16	CT86	15-Jul-16	CT86
#####	-	29-Jul-16	CT139765-	-	-	29-Jul-16	CT139765	#####	CT213
#####	-	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	CT139765	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	-	#####	CT139765	#####	CT116585	#####	CT139765	#####	CT213
#####	-	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	-	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	-	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	-	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	CT139765	#####	CT139765	#####	CT116585	#####	CT139765	#####	CT213
#####	-	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	CT213	#####	CT139765-	-	-	#####	CT139765	#####	CT213
#####	-	#####	CT139765	05-Oct-16	CT116585-	-	-	-	-
#####	-	#####	CT139765-	-	-	#####	CT139765	#####	CT165
11-Jul-17	CT139765	#####	CT139765-	-	-	#####	CT139765-	-	-
#####	CT139765	28-Jul-17	CT139765-	-	-	28-Jul-17	CT139765	#####	CT165
#####	CT165	#####	CT139765-	-	-	#####	CT139765	#####	CT165
-	-	#####	CT139765-	-	-	#####	CT139765-	-	-
#####	CT139765	#####	CT139765-	-	-	#####	CT139765	#####	CT165
#####	CT139765	#####	CT139765-	-	-	#####	CT139765-	-	-
#####	CT213	#####	CT139765-	-	-	#####	CT139765	#####	CT165
#####	CT165	03-Oct-17	CT139765-	-	-	03-Oct-17	CT139765	#####	CT165

Configurat	Cfg notes	Sales perc	Service lev	Distributor	Slurry abbi	Slurry corr	Yearly exp	Actual val	Expected c
10 -		100 N	-		75	25	8000 -		1716
13 -		100 N	-		50	0	8000 -		2639
10 -		100 N	-		100	25	8000 -		1976
16 -		100 N	-		50	0	8000 -		2585
10 -		100 N	-		100	25	8000 -		2187
11 -		100 N	-		100	25	8000 -		2891
10 -		100 N	-		150	25	8000 -		463
15 -		100 N	-		200	25	8000 -		1113
12 -		100 N	-		300	100	8000 -		230
16 -		100 N	-		150	25	8000 -		1197
10 -		100 N	-		50	0	8000 -		2766
0 -		100 N	-		25	25	8000 -	-	
13 -		100 N	-		150	25	8000 -		1619
10 -		100 N	-		100	25	8000 -		2942
21 -		100 N	-		300	100	8000 -		74
0 -		100 N	-		100	100	8000 -	-	
13 -		100 N	-		50	0	8000 -		2424
15 -		100 N	-		100	25	8000 -		699
19 -		100 N	-		150	25	8000 -		378
11 -		100 N	-		150	25	8000 -		421
16 -		100 N	-		200	50	8000 -		1224
9 -		100 N	-		50	0	8000 -		3200
8 -		100 N	-		50	0	8000 -		2090
19 -		100 N	-		200	25	8000	1000	613
11 -		100 N	-		50	0	8000 -		3200
0 -		100 N	-		25	25	8000 -	-	
0 -		100 N	-		25	25	8000 -	-	
0 -		100 N	-		25	25	8000 -	-	
15 -		100 N	-		200	25	8000 -		877
15 -		100 N	-		75	25	8000 -		1573
16 -		100 N	-		100	25	8000 -		1401
14 -		100 N	-		100	25	8000 -		1492
10 -		100 N	-		300	100	8000 -		78
16 -		100 N	-		100	25	8000 -		601
17 -		100 N	-		100	25	8000 -		691
10 -		100 N	-		300	100	8000 -		614
13 -		100 N	-		100	100	8000 -		1219
17 -		100 N	-		100	25	8000 -		907
0 -		100 N	-		100	25	8000 -	-	
10 -		100 N	-		100	25	8000 -		766
12 -		100 N	-		100	25	8000 -		3200
11 -		100 N	-		100	25	8000 -		1712
0 -		100 N	-		25	25	8000 -	-	
8 -		100 N	-		50	0	8000 -		2502
14 -		100 N	-		150	25	8000 -		1379
11 -		100 N	-		100	25	8000 -		2231
11 -		100 N	-		150	25	8000 -		540
10 -		100 N	-		75	25	8000 -		1805
17 -		100 N	-		100	25	8000 -		1365
16 -		100 N	-		150	25	8000 -		224
11 -		100 N	-		100	25	8000 -		1673
10 -		100 N	-		100	100	8000 -		1240
0 -		100 N	-		150	25	8000 -	-	
16 -		100 N	-		100	25	8000 -		799
11 -		100 N	-		50	0	8000 -		1756
16 -		100 N	-		100	100	8000 -		1191
22 -		100 N	-		200	100	8000 -		287

0 -	100 N	-	25	25	8000 -	-	
0 -	100 N	-	200	100	8000 -	-	
10 -	100 N	-	100	25	8000 -		1978
11 -	100 N	-	50	0	8000 -		2137
17 -	100 N	-	50	0	8000 -		1789
12 -	100 N	-	100	25	8000 -		950
10 -	100 N	-	100	100	8000 -		1385
13 -	100 N	-	150	25	8000 -		732
20 -	100 N	-	100	25	8000 -		509
14 -	100 N	-	150	25	8000 -		349
8 -	100 N	-	100	25	8000 -		1939
11 -	100 N	-	300	100	8000 -		68
13 -	100 N	-	200	50	8000 -		994
16 -	100 N	-	200	25	8000 -		1089
15 -	100 N	-	100	25	8000 -		1398
10 -	100 N	-	100	25	8000 -		436
0 -	100 N	-	100	25	8000 -	-	
0 -	100 N	-	100	25	8000 -	-	
0 -	100 N	-	200	100	8000 -	-	
18 -	100 N	-	100	100	8000 -		2115
17 -	100 N	-	75	25	8000 -		1528
14 -	100 N	-	150	25	8000 -		526
11 -	100 N	-	100	25	8000 -		2370
0 -	100 N	-	150	25	8000 -	-	
0 -	100 N	-	100	100	8000 -	-	
15 -	100 N	-	75	25	8000 -		810
12 -	100 N	-	75	25	8000 -		996
17 -	100 N	-	100	100	8000 -		1240
0 -	100 N	-	25	25	8000 -	-	
14 -	100 N	-	150	25	8000 -		567
15 -	100 N	-	50	0	8000 -		2245
11 -	100 N	-	100	25	8000 -		960
11 -	100 N	-	200	100	8000 -		283
16 -	100 N	-	150	25	8000 -		389
17 -	100 N	-	150	25	8000	350	278
13 -	100 N	-	75	25	8000 -		1750
15 -	100 N	-	300	100	8000 -		62
18 -	100 N	-	300	100	8000 -		68
13 -	100 N	-	150	25	8000 -		405
12 -	100 N	-	100	25	8000 -		1587
0 -	100 N	-	150	25	8000 -	-	
11 -	100 N	-	150	25	8000 -		459
12 -	100 N	-	75	25	8000 -		1805
13 -	100 N	-	300	100	8000 -		108
11 -	100 N	-	75	25	8000 -		2775
0 -	100 N	-	100	100	8000 -	-	
9 -	100 N	-	100	25	8000 -		1406
9 -	100 N	-	100	25	8000 -		1434
10 -	100 N	-	50	0	8000 -		2149
12 -	100 N	-	75	25	8000 -		1264
11 -	100 N	-	150	25	8000 -		985
11 -	100 N	-	50	0	8000 -		1792
10 -	100 N	-	100	100	8000 -		1080
9 MMX ps2 i	100 N	-	150	25	8000 -		263
9 former MM	100 N	-	150	25	8000 -		296
15 -	100 N	-	200	100	8000 -		401
12 -	100 N	The amou	100	25	8000 -		870
13 -	100 N	-	100	25	8000 -		1065
9 -	100 N	-	75	25	8000 -		2136

17 -	100 N	-	150	25	8000 -	400
10 -	100 N	-	200	50	8000 -	633
16 -	100 N	-	75	25	8000 -	2039
10 -	100 N	-	75	25	8000 -	2001
10 -	100 N	-	75	25	8000 -	3145
12 -	100 N	-	100	25	8000 -	1313
14 -	100 N	-	150	25	8000 -	374
12 -	100 N	-	150	25	8000 -	739
11 -	100 N	-	100	100	8000 -	1748
12 -	100 N	-	100	25	8000 -	588
12 -	100 N	-	150	25	8000 -	926
10 -	100 N	-	75	25	8000 -	1706
18 -	100 N	-	100	100	8000 -	615
12 -	100 N	-	150	25	8000 -	458
0 -	100 N	-	150	25	8000 -	-
10 -	100 N	-	100	25	8000 -	507
13 Retrofitted	100 N	-	150	25	8000 -	1108
11 -	100 N	-	150	25	8000 -	536
21 -	100 N	-	150	25	8000 -	410
18 -	100 N	-	100	25	8000 -	1915
12 -	100 N	-	200	50	8000 -	275
0 -	100 N	-	100	25	8000 -	-
11 -	100 N	-	50	0	8000 -	3200
9 -	100 N	-	75	25	8000 -	2136
15 -	100 N	-	300	100	8000 -	470
14 -	100 N	-	50	0	8000 -	1589
17 -	100 N	-	200	100	8000 -	380
12 -	100 N	-	150	25	8000 -	524
14 -	100 N	-	50	25	8000 -	1528
14 -	100 N	-	150	25	8000 -	596
0 -	100 N	-	200	100	8000 -	-
0 -	100 N	-	200	100	8000 -	-
0 -	100 N	-	200	100	8000 -	-
0 -	100 N	-	200	100	8000 -	-
9 -	100 N	-	75	25	8000 -	2031
11 -	100 N	-	100	100	8000 -	1043
13 -	100 N	-	75	25	8000 -	2048
16 -	100 N	-	100	25	8000 -	1484
0 -	100 N	-	25	0	8000 -	-
10 -	100 N	-	100	100	8000 -	1198
11 -	100 N	-	100	25	8000 -	2157
0 KANTO 2	100 N	-	25	25	8000 -	-
15 -	100 N	-	100	25	8000 -	3200
14 -	100 N	-	150	25	8000 -	527
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14 -	100 N	-	50	0	8000 -		2807
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16 -	100 N	-	200	100	8000 -	547
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	4 -	100 N	-	100	100	8000 -		3200
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	4 -	100 N	-	100	100	8000 -		1900
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	4 Ma'aden	100 N	-	75	50	8000 -		1771
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	4 -	100 N	-	200	50	8000 -		860
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	9 -	100 N	-	50	0	8000 -		2380
N	-	75	25	8000 -		3200		
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