



YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
<b>TYPE OF PLANT</b>																	
<b>Air-Separation-Plant</b>																	
1980 RC	NINGH SHA	Volksrepublik China	LINDE AG., München		40	-	X	-	-	-	-	-	-	X	-	-	-
1980 RC	URUMCHI	Volksrepublik China	LINDE AG., München		41	-	X	-	-	-	-	-	-	X	-	-	-
1981 RC	CHEN HAI	Volksrepublik China	LINDE AG., München		48	-	X	-	-	-	-	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																	
<b>Chemical Plant</b>																	
1992 A	Desuffocation plant	Linz	Linzer Verkehrsbetriebe SGP-VA	Steam, Condensate	130	-	X	-	-	-	X	-	-	X	-	-	-
1986 AL	Nickel-cobalt-plant	Albanien	Albanischer Staat Salzgitter Industriebau	Steam, Water, Natrium	88	-	X	-	-	-	-	-	-	X	-	-	-
1982 D	Refrigeration-plant	Marl / Westfalen	Chem.Werke HUELS AG. Chem.Werke HUELS AG. Marl	Ammonia	53	-	X	-	-	-	-	-	-	-	-	-	-
1991 D	Oil-processing-treatment	Gelsenkirchen-Scholven	Ruhr Oel GmbH Linde AG		140	-	X	-	-	-	X	-	-	X	-	-	-
1992 D	Aethanol-plant	Schwarze Pumpe	ESPAAG SKL-Magdeburg		122	-	X	-	-	-	-	-	-	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1992 D	AROMATEN 5	Gelsenkirchen-Scholven	Ruhr-Oel GmbH Lurgi Ag		141	-	X	-	-	-	-	-	-	-	X	-	-	-
1992 D	AROMATEN-Plant	Erdoelwerk Heide/Holstein	DEA Mineraloel AG		126	-	-	-	-	-	-	-	-	X	X	-	-	-
1992 D	FCC-plant Fluid Catalytic Crac	Gelsenkirchen-Horst	VEBA OEL/RUHR OEL Lurgi AG		125	-	-	-	-	-	X	-	-	X	-	-	-	
1992 D	FCC-plant Fluid Catalytic Crac	Gelsenkirchen-Horst	VEBA OEL/RUHR OEL Lurgi AG		127	-	X	-	-	-	-	-	-	-	-	-	-	
1992 D	LEUNA	Leuna	Linde AG		143	-	X	-	-	-	-	-	-	X	-	-	-	
1997 D	PCC-Plant Novolen	Wesseling	ROW ROW Wesseling	Novolen	192	-	X	-	-	-	-	-	-	X	-	-	-	
1998 D		Niederkassel	Crenova Niederkassel Lurgi Chemnitz		201	-	X	-	-	-	-	-	-	X	-	-	-	
1998 E	BASF-Constanti Chemical Plant	Spanien	AE & E, Österreich	oil / gas / water	237	-	-	-	-	-	-	-	-	X	-	-	-	
1997 ET	ABU QUIR III	Abu Quir	Krupp-Uhde	Steam	156	-	-	-	-	-	-	-	-	-	X	-	-	
1997 HU	TVK-Tiszaujvaros Chemical Complex	Tiszaujvaros	TVK-Tiszaujvaros	steam / water	220	-	-	-	-	-	-	-	-	X	-	-	-	

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D Ri	K S	S	D S K	R S	So nd er	
1998 HU	TVK-Tiszaujvaros Chemical Complex	Tiszaujvaros	TVK-Tiszaujvaros	steam / water	217	-	X	-	-	-	-	-	-	-	-	-	-	-
1992 NL	ETHYLEN-LDPE-plant DSM Heerlen	NL-Heerlen	DSM-Geleen Chemie B.V. Technip-Engineering	Steam, Water, Oil	138	-	X	-	-	-	X	-	-	X	-	-	-	
1986 RUS	Formic-acid-plant	Saratow / UdSSR	Staatsbetrieb der UdSSR Salzgitter Industriebau	Steam, Water,Chemical	89	-	X	-	-	-	-	-	-	X	-	-	-	
1986 RUS	Formic-acid-plant	Saratow / UdSSR	UdSSR Selas-Kirchner GmbH	Steam, Water, Gas	93	-	X	-	X	-	-	-	-	X	-	-	-	
1970 SY	Homs Raffinerie	Homs	Lumus	Oil	200	-	X	-	-	-	X	-	-	X	-	-	-	
1994 SY	Homs Extension	Homs	G F C-Homs Dharamsi Morarji Chemical	Steam/Water	159	-	-	-	-	-	X	-	X	X	-	-	-	
1997 TR	Mersin Soda Ash Plant Extension	Mersin	Soda Sanayii A.S. Soda Sanayii A.S.	Steam	158	-	-	-	-	-	-	-	X	X	-	-	-	
1993 USR	Atmos-Vakuum-Destila	Salawat	Nefteorgsintes Salawat MAG-Grimma GmbH	Oilproducts	146	-	X	-	-	-	-	-	-	X	-	-	-	

#### TYPE OF PLANT

#### Coal-Conversion

1981 D	Coal-Oil-Conversion	Botrop	Ruhrkohle AG, Essen VEBA / Chem.Werke Hüls	Steam, Water, Oil	44	-	X	-	-	-	X	-	-	X	-	-	-
-----------	---------------------	--------	---	-------------------	----	---	---	---	---	---	---	---	---	---	---	---	---

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
1984 D	Coal-gasification under pressure	Werne/Lippe	VEW, Dortmund VEW / Fichtner	Steam, Water, Gas	59	-	X	-	-	-	X	-	-	X	-	-	-
1992 NL	Buggenum DEMO/KV STE Coal-gasification	Haslen (Buggenum)	Demkolec ABB/Comprimo/NEM/Stork		121	-	X	-	-	-	X	-	-	X	-	-	X
<b>TYPE OF PLANT</b>																	
<b>Demineralisations Plant</b>																	
1984 D	Heat-exchanger NPP Stade	Stade	Norddt. Saline Veba Kraftwerke Ruhr	Steam, Water, Sole	68	-	X	-	-	-	-	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																	
<b>Ethylene Plant</b>																	
1998 RC	Lanzhou Ethylene Plant Ethylene Plant	Lanzhou	Lanzhou Ethylene Ltd. Lanzhou Ethylene Ltd.	steam	253	-	-	X	-	-	-	-	-	-	X	-	-
<b>TYPE OF PLANT</b>																	
<b>Flue Gas</b>																	
1999 PRC	Chongqing Flue Gas	Chongqing/China	Steinmüller Gummersbach	steam/condensate	321	-	X	-	-	-	X	-	-	X	-	-	-
1999 RC	Chongqing	Chongqing	Steinmüller Gummersbach		208	-	X	-	-	-	-	-	-	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
<b>TYPE OF PLANT</b>																		
<b>Flue-Gas Desulphurisation</b>																		
1986 D	Flue-Gas Desulphurisation	Walheim am Neckar	Neckarwerke GmbH Heilbr. Knauf Research Cottrell	Flue-Gas	87	-	X	-	-	-	-	-	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																		
<b>Hydrogen Pressure Swing Ads</b>																		
2002 D	PSA Unit X-572 Hydrogen Pressure Swing Adsorption U nit	Ingolstadt	ESSO Deutschland Linde	hydrogen	358	-	-	-	-	-	-	-	-	X	X	-	-	-
<b>TYPE OF PLANT</b>																		
<b>Liquid Petroleum Gas Tanker</b>																		
1992 F	Steam-generator Schiff E30-I30	F-44600 Saint Nazaire	Chantier D L'atlantique Shell England	Steam, Water	148	-	X	-	-	-	-	-	-	-	-	-	-	-
1992 F	Steam-generator Schiff E30-I30	F-93123 La Courneuve	Babcock Groupe CNIM Shell England	Steam, Water	147	-	X	-	-	-	-	-	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																		
<b>Naphta-Cracker</b>																		
1999 NL					224	-	X	-	-	-	X	-	-	X	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
<b>TYPE OF PLANT</b>																	
<b>Nuclear Power Plant</b>																	
1974 ARG	NPP Atucha 1 Heavy-Water reactor 367 MW	Atucha	CNEA, Buenos Aires KWU Kraftwerk Union	Steam, Water	17	-	X	-	-	-	X	-	-	X	-	-	-
1969 AUT	Tullnerfeld 700 MW Boiling-water reactor	Zwentendorf	Kernkraftwerk Tullnerfeld KWU Kraftwerk Union	Steam, Water	9	-	X	-	-	-	X	-	-	X	-	-	-
1985 BGR	Kozlodui 5 1000 MW PWR 1000 MW	Kozlodui	Atomenergoexport Sofia NPS Kozlodui (EEE)	Steam, Water, Oil	73	-	X	-	X	-	-	-	-	X	-	-	-
1987 BGR	Kozlodui 6 1000 MW PWR 1000 MW	Kozlodui	Atomenergoexport Sofia NPS Kozlodui (EEE)	Steam, Water, Oil	99	-	-	-	X	-	-	-	-	X	-	-	X
2005 BGR	Kozlodui 6 1000 MW PWR 1000 MW	Kozlodui	Atomenergoexport Sofia NPS Kozlodui (EEE)	Steam, Water, Oil	360	-	-	-	X	-	-	-	-	-	-	-	-
1975 CDN	Glace Bay Heavy Water Plant	Glace Bay, Nova Scotia	Atomic Energy of Canada Atomic Energy of Canada	H2S / H2O	23	-	X	-	X	-	X	-	-	X	-	-	-
1976 CDN	Bruce Heavy Water	Douglas Point, Ontario	Ontario Hydro Lummus Co.Ltd., Canada	Heavy Water	31	-	X	-	X	-	-	-	-	X	-	-	-
1972 CHE	NPP Mühleberg BRW 320 MW	Mühleberg	Bernische Kraftwerke AG.	Steam, Water	13	-	X	-	-	-	X	-	-	X	-	-	-
1984 CHE	NPP Leibstadt BWR 940 MW	Leibstadt	KK Leibstadt AG. NUCON, BBC, SULZER,GETS	Steam, Water	65	-	X	-	-	-	X	-	-	X	-	-	X

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE													
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nder		
1983 CZE	PWR 440 MW	Dukovany	CEZ, Praha Skodaexport/Sigma Lutin	Oil	55	-	X	-	-	-	-	-	-	-	-	-	-	-	X
1983 CZE	Dukovany 1 PWR 440 MW	Dukovany	CEZ, Praha Skodaexport/Sigma Lutin	Oil	54	-	X	-	-	-	-	-	-	-	-	-	-	-	X
1984 CZE	Dukovany 3 PWR 440 MW	Dukovany	CEZ, Praha Skodaexport/Sigma Lutin	Oil	62	-	X	-	X	-	-	-	-	-	-	-	-	-	X
1984 CZE	Dukovany 4 PWR 440 MW	Dukovany	CEZ, Praha Skodaexport/Sigma Lutin	Oil	64	-	X	-	X	-	-	-	-	-	-	-	-	-	X
1999 CZE	NPS Temelin 1000 MW SWR Block 2	Temelin	CEZ a.s. SKODA Praha	technical Media	268	-	X	-	X	-	-	-	-	X	-	-	-	-	-
1999 CZE	NPS Temelin 1000 MW SWR Block 1	Temelin	CEZ a.s. SKODA Praha	technical Media	267	-	X	-	X	-	-	-	-	X	-	-	-	-	-
1962 DEU	16 MW	Kahl am Main	KWU Kraftwerk Union	Steam, Water	1	-	X	-	-	-	-	-	-	X	-	-	-	-	-
1966 DEU	Research-reactor 57 MW	Karlsruhe	Ges.für Kernforschung KWU Kraftwerk Union	Steam, Water	3	-	X	-	-	-	X	-	-	-	-	-	-	-	-
1968 DEU	NPP Würgassen BWR	Würgassen an der Weser	PREAG, Hannover AEG, Frankfurt	Steam, Water	5	-	X	-	-	-	-	-	-	-	-	-	-	-	-
1969 DEU	NPP Stade PWR 662 MW	Stade an der Weser	NWK / HEW Siemens AG, Erlangen	Steam, Water	7	-	X	-	-	-	X	-	-	X	-	-	-	-	-



YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1969 DEU	Research-reactor gas-cooled	Jülich / Niederrhein	Kernforschungsanl. Jülich Kernforschungsanl. Jülich	Gas	8	-	X	-	-	-	-	X	-	-	-	-	-	-
1970 DEU	Biblis A PWR 1204 MW	Biblis	RWE, Essen KWU Kraftwerk Union	Steam, Water	10	-	X	-	-	-	-	-	-	-	X	-	-	-
1972 DEU	NPP Brunsbüttel BWR 806 MW	Brunsbüttel an der Elbe	NWK / HEW, Hamburg KWU Kraftwerk Union	Steam, Water	12	-	X	-	-	-	-	-	-	-	-	-	-	-
1973 DEU	Biblis B PWR 1300 MW	Biblis	RWE, Essen KWU Kraftwerk Union	Steam, Water	14	-	X	-	-	-	-	-	-	-	X	-	-	-
1973 DEU	NPP ISAR 1 BWR 907 MW	Ohu / Niederbayern	BAG / IAW KWU Kraftwerk Union	Steam, Water	15	-	X	-	-	-	-	-	-	-	X	-	-	-
1974 DEU	NPP Obrigheim PWR 340 MW	Obrigheim	KKW Obrigheim GmbH KWU Kraftwerk Union	Steam, Water	19	-	X	-	-	-	-	-	-	-	-	-	-	-
1975 DEU	GKN 1 Neckar PWR 855 MW	Neckarwestheim	EVS / TWS, Stuttgart KWU Kraftwerk Union	Steam, Water	24	-	X	-	-	-	-	-	-	-	X	-	-	-
1975 DEU	NPP Krümmel BWR 1316 MW	Geesthacht	NWK / HEW KWU Kraftwerk Union	Steam, Water	22	-	X	-	-	X	-	-	-	-	-	-	-	-
1976 DEU	NPP Philippsb. 1 BWR 900 Mw	Philippsburg	KKW Philippsburg GmbH KWU Kraftwerk Union	Waste Water, Steam, Gas	29	-	-	-	-	X	-	-	-	-	-	-	-	-
1978 DEU	KRB 2 Block B BWR 1310 MW	Gundremmingen	RWE Essen / BAG München KWU Kraftwerk Union	Steam, Water	33	-	X	-	X	X	-	-	-	-	-	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D Ri	K S	S	D S K	R S	So nd er	
1980 DEU	NPP Grafenrheinfeld PWR 1300 MW	Grafenrheinfeld am Main	Bayernwerk AG, München KWU Kraftwerk Union	Steam, Water	36	-	X	-	-	-	-	X	-	-	X	-	-	-
1981 DEU	NPP Grohnde PWR 1365 MW	Grohnde an der Weser	PREAG Hannover / GWK KWU Kraftwerk Union	Steam, Water	45	-	X	-	-	X	-	-	-	X	-	-	-	
1982 DEU	NPP Unterweser PWR 1300 MW	Esenshamm / Wesermarsch	NWK, Hamburg KWU Kraftwerk Union	Steam, Water	52	-	X	-	-	-	-	-	-	X	-	-	-	
1982 DEU	QBR 300	Kalkar/Niederrhein	REW, Essen Interatom GmbH, Bensberg	Natrium	51	-	X	-	X	-	-	-	-	X	-	-	-	
1985 DEU	NPP ISAR 2 PWR 1350 MW	Ohu bei Landshut	BAG / IAW / STEW / GOBAG KWU Kraftwerk Union	Steam, Water	69	-	X	-	-	X	-	-	-	-	-	-	-	
1985 DEU	NPP Philippsb.2 PWR 1300 MW	Philippsburg	KKW Philippsburg GmbH KWU Kraftwerk Union	Waste Water, Steam, Gas	70	-	X	-	-	X	-	-	-	X	-	-	-	
1986 DEU	NPP Brokdorf PWR 1300 MW	Brokdorf	Hamburgische Elektr.Werke KWU Kraftwerk Union	Waste Water, Steam, H2O	80	-	X	-	-	-	X	-	-	-	-	-	-	
1986 DEU	NPP Mülheim-Kärlich PWR 1300 MW	Mülheim-Kärlich	RWE BROWN BOVERI REAKTOR G	Steam, Water	81	-	X	-	-	X	-	-	-	-	-	-	-	
1989 DEU	GKN-2 PWR 1350 MW	Neckarwestheim	EVS / TWS, Stuttgart KWU Kraftwerk Union	Steam, Water	104	-	-	-	-	-	-	-	-	-	-	-	-	
1989 DEU	NPP Lippe/Ems PWR 1350 MW	Lingen / Ems	Kraftwerk Lingen GmbH KWU Kraftwerk Union	Waste Water, Steam, H2O	105	-	X	-	-	X	X	-	-	-	-	-	X	

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So n d e r
2005 ESP	CN-Trillo PWR	Guadalajara	CN-Trillo CN-Trillo	Steam, Water	361	-	X	-	-	X	X	-	-	-	-	-	X
1975 FIN	NPP TVO 2 BWR 660 MW	Olkiluoto	Teollisuuden Voima Oy	Steam, Water	26	-	X	-	-	-	X	-	-	X	-	-	-
2005 FIN	Block 1+2 PWR 1000 MW	Olkiluoto	TVO ALSTOM	Steam	359	-	X	-	-	-	X	-	-	X	-	-	X
1968 GBR	AGR 1200 MW	Dungeness	Centr.Electr.Gen.Board Atomic Power Construction	Steam, CO2	6	-	X	-	-	-	X	-	-	X	-	-	-
2005 HUN	KKW Paks PWR 1000 MW	Paks	Paks Paks	Water	362	-	X	-	X	-	-	-	-	-	-	-	X
1966 ITA	Research-reactor 282 MW	Ispra	EURATOM EURATOM	Cooling Fluid	4	-	X	-	-	-	-	-	-	X	-	-	-
1971 NLD	NPP Borssele PWR 450 MW	Borssele	PZEM, Den Haag KWU Kraftwerk Union	Steam, Water	11	-	-	-	-	-	X	-	-	X	-	-	-
1980 RUS	NPP Kola 3 PWR 440 MW	Kola	Energieministerium Moskau Russland	Steam, Water, Oil	38	-	X	-	-	X	-	-	-	X	-	-	X
1981 RUS	NPP Kola 4 PWR 440 MW	Kola	Energieministerium Moskau Russland	Steam, Water, Oil	47	-	X	-	-	X	-	-	-	X	-	-	X
1984 RUS	Balakowo 1 PWR 1000 MW	Balakowo	Energieministerium Moskau Russland	Steam, Water, Oil	348	X	-	-	-	X	-	-	-	X	-	-	X

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So n d e r
1984 RUS	Block 1 PWR 1000 MW	Kalinin	Energieministerium Moskau Russland	Steam, Water, Oil	67	X	-	-	-	X	-	-	-	X	-	-	X
1986 RUS	NPP Kalinin 2 PWR 1000 MW	Kalinin	Energieministerium Moskau Russland	Steam, Water, Oil	83	-	X	-	X	-	-	-	-	X	-	-	X
1987 RUS	Balakowo 2 PWR 1000 MW	Balakowo	Energieministerium Moskau Russland	Steam, Water, Oil	346	X	-	-	-	X	-	-	-	X	-	-	X
1987 RUS	Chemlnizki 1 PWR 1000 MW	Chemelnizki	Energieministerium Moskau Russland	Steam, Water, Oil	344	X	-	-	-	X	-	-	-	X	-	-	X
1988 RUS	Blakowo 3 PWR 1000 MW	Balakowo	Energieministerium Moskau Russland	Steam, Water, Oil	345	X	-	-	-	X	-	-	-	X	-	-	X
SVK	Dukovany	CZ-Dukovany	CEZ Praha		228	-	-	-	-	-	-	-	-	-	-	-	X
1981 SVK	Bohunice 1 PWR 440 MW	Bohunice	Slovenske Elektrarne Skodaexport/Sigma Lutin	Oil	42	-	X	-	-	-	-	-	-	-	-	-	X
1981 SVK	Bohunice 2 PWR 440 MW	Bohunice	Slovenske Elektrarne Skodaexport/Sigma Lutin	Oil	43	-	X	-	-	-	-	-	-	-	-	-	X
1982 SVK	Bohunice 3 PWR 440 MW	Bohunice	Slovenske Elektrarne Skodaexport/Sigma Lutin	Oil	49	-	X	-	X	-	-	-	-	-	-	-	X
1982 SVK	Bohunice 4 PWR 440 MW	Bohunice	Slovenske Elektrarne Skodaexport/Sigma Lutin	Oil	50	-	-	-	X	-	-	-	-	-	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nder	
1989 SVK	Block 1 PWR 440 MW	Mochovce	Slovenske Elektrarne Intersigma/Kralovopolska	Steam, Water	94	-	-	-	X	-	-	-	-	-	-	-	X	-
1991 SVK	Block 2 PWR 440 MW	Mochovce	Slovenske Elektrarne Intersigma/Kralovopolska	Steam, Water	63	-	-	-	X	-	X	-	-	X	-	X	-	
1992 SVK	Block 3 PWR 440 MW	Mochovce	Slovenske Elektrarne Skoda-Pilzen/KSB-Brno	Steam, Water	120	-	-	-	X	-	-	-	-	X	-	X	-	
1998 SVK	KKW Bohunice 440 MW SWR	Bohunice	Slovenske Elektrarne Kons.Rekon. SIEMENS-VUJE	technical Water	199	-	-	-	-	-	-	X	-	-	X	-	-	
1974 SWE	NPP Barsebaeck 1/2 BWR 580 MW	Barsebaeck	Sydsvenska Kraft AB	Steam, Water	21	-	-	-	-	-	-	-	-	-	-	-	-	
1974 SWE	NPP Oskarshamn 2 BWR 580 MW	Oskarshamn	Oskarshamnverketes, OKG Asea Atom / Stal Laval	Steam, Water	20	-	X	-	-	-	X	-	-	X	-	-	-	
1975 SWE	NPP Forsmark 1/2 BWR 900 MW	Forsmark	Statens Vattenfallsverket Asea Atom / Stal Laval	Steam, Water	25	-	X	-	-	-	X	-	-	X	-	-	-	
1976 SWE	NPP Ringhals 1 BWR 750 MW	Ringhals	Statens Vattenfallsverket Asea Atom / Stal Laval	Steam, Water	30	-	X	-	-	-	-	-	-	-	-	-	-	
1985 SWE	Forsmark 3 BRW 1300 MW	Forsmark	Statens Vattenfallsverket Asea Atom / Stal Laval	Steam, Water	71	-	X	-	-	-	X	-	-	X	-	-	-	
1986 SWE	NPP Oskarshamn 3 BWR 1300 MW	Oskarshamn	Oskarshamnverkets, OKG Asea Atom / Stal Laval	Steam, Water	82	-	X	-	-	-	X	-	-	X	-	-	-	

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
1980 UKR	NPP Rowno 1 PWR 440 MW	Rowno	Energieministerium Moskau Ukraine	Steam, Water, Oil	37	-	X	-	-	X	-	-	-	X	-	-	X
1981 UKR	NPP Rowno 2 PWR 440 MW	Rowno	Energieministerium Moskau Ukraine	Steam, Water, Oil	46	-	X	-	-	X	-	-	-	X	-	-	X
1984 UKR	Block 1 PWR 1000 MW	Saporoschje	Energieministerium Moskau Ukraine	Steam, Water, Oil	66	-	X	-	X	-	-	-	-	X	-	-	X
1984 UKR	Jushno 1 PWR 1000 MW	Jushno	Energieministerium Moskau Ukraine	Steam, Water, Oil	341	X	-	-	-	X	-	-	-	X	-	-	X
1985 UKR	Block 2 PWR 1000 MW	Saporoschje	Energieministerium Moskau Ukraine	Steam, Water, Oil	72	-	X	-	X	-	-	-	-	X	-	-	X
1985 UKR	Jushno 2 PWR 1000 MW	Jushno	Energieministerium Moskau Ukraine	Steam, Water, Oil	342	X	-	-	-	X	-	-	-	X	-	-	X
1986 UKR	Rowno 3 PWR 1000 MW	Rowno	Energieministerium Moskau Ukraine	Steam, Water, Oil	343	X	-	-	-	X	-	-	-	X	-	-	X
1987 UKR	NPP Saporoschje 3 PWR 1000 MW	Saporoschje	Energieministerium Moskau Ukraine	Steam, Water, Oil	98	-	X	-	X	-	-	-	-	X	-	-	X
1988 UKR	NPP Saporoschje 4 PWR 1000 MW	Saporoschje	Energieministerium Moskau Ukraine	Steam, Water, Oil	103	-	X	-	X	-	-	-	-	X	-	-	X
1989 UKR	Jushno 3 PWR 1000 MW	Jushno	Energieministerium Moskau Ukraine	Steam, Water, Oil	347	X	-	-	-	X	-	-	-	X	-	-	X

YEAR	NAME OF PLANT (1)	LOCATION	OPERATOR	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
NAT	NAME OF PLANT (2)		Consultant/Engineeri														
<b>TYPE OF PLANT</b>																	
<b>Petro-Chemical-Plant</b>																	
1999	Dea-Wesseling	Wesseling	DEA		254	-	-	X	-	-	-	X	-	-	X	-	X
D			Steinmüller														
2000	MOL RT. Szazhalombatta	Szazhalombatta / Ungarn	MOL-Hungarian Oil & Gas	steam	338	-	-	-	-	-	-	X	X	-	-	-	-
HU	Petro-Chemical- Plant		MOL- Hungarian Oil & Gas														
<b>TYPE OF PLANT</b>																	
<b>Power &amp; Process Steam Plant</b>																	
1985	Zhenhai Chemical	Zhenhai	Zhenhai Chemical	steam	242	-	-	-	-	-	X	-	-	X	-	-	-
RC	Power & Process Steam Plant		Zhenhai Chemical														
<b>TYPE OF PLANT</b>																	
<b>Power Plant</b>																	
1991	SIMMERING	Wien	Stadtwerke Wien	Steam,Water,Kondensat	132	-	-	-	-	-	X	-	-	X	-	-	-
A	CPP		SGP-VA + Integral Montage														
1999	FHKW Wels 2000	Wels	EWV AG, Wels	steam, condensate	325	-	X	-	-	-	X	-	-	X	-	-	-
A			Mannesmann, Wien														
1999	Ind. Power Plant Lenzing	Lenzing, Österreich	Lenzing AG, Österreich	steam, water	323	X	X	-	-	-	-	-	-	X	-	-	-
A			AE Energietechnik, Wien														
1986	Ashugani Block 3+4	Ashugani	Bangladesh Power DVB	Steam, Water	84	-	X	-	-	-	-	-	-	X	-	-	-
BGD	150 MW Oil		BBC Mannheim														

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1986 BGD	Thermal-power-station	Ashuganj / Bangladesh	Bangladesh Brown, Boveri et Cie. AG.	Steam, Water, Oil	95	-	X	-	-	-	-	-	-	-	X	-	-	-
1993 BGD	Ashuganj Power Station Extension	PDB,B.baria	Bangladesh Power Dev.Board STEAG	Steam	160	-	X	X	-	-	-	-	-	-	-	-	-	-
1995 CN	Tianhuangping Hydro Power Plant	Tianhuangping	Energieministerium China Kvaerner-Genertor AB	Water and Steam	153	-	-	-	-	-	-	-	-	X	-	-	-	
1997 CZ	KW Kaucuk Kralupy	CZ-Kralupy	Kaucuk Kralupy ABB-PBS, Brno	Steam	179	-	X	X	-	X	X	-	-	X	X	-	-	
1997 CZ	Olomouc Power Plant	CZ - Olomouc	Process Arm./IVO Power E	Steam, Water	198	-	X	X	-	-	-	X	-	X	X	-	-	
1944 D	IKW Bernburg Thermal Power Plant	Bernburg	MEAG Halle VEW-Dortmund	Steam, Water	145	-	X	-	-	-	X	-	-	-	-	-	-	
1980 D	Combiblock Coal/Oil 750 Mw	Mehrum bei Hannover	GKW Hannover-Braunschweig Veba Kraftwerke Ruhr	Steam, Water	39	-	X	-	-	-	X	-	-	X	-	-	-	
1983 D	EVA	Ibbenbüren	Preussag Ibbenbüren VEBA Kraftwerke Ruhr	Steam, Water	56	-	X	-	-	-	X	-	-	X	-	-	-	
1984 D	CPP 750 MW	Werne/Lippe	VEW, Dortmund VEW, Dortmund	Steam, Water	58	-	X	-	-	-	-	-	-	-	-	-	-	
1984 D	CPP Heyden 4 750 MW	Petershagen	PREAG, Hannover VKR, Gelsenkirchen	Steam, Water	61	-	X	-	-	-	-	-	-	X	-	-	-	



YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE													
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er		
1984 D	CPP Leininger 5 450 MW Bituminous Coal	Zolling	Isar-Amper-Werke, München STEAG, Essen	Steam, Water, Oil	60	-	X	-	-	-	-	-	-	-	-	-	-	-	-
1985 D	CPP Altbach 5	Altbach/Deizisau	Neckarwerke Heilbronn MANNESMANN AG.	Water, Condensate	77	-	X	-	-	-	X	-	-	X	-	-	-	-	-
1985 D	CPP Ibbenbüren 770 MW Bituminous-Coal	Ibbenbüren (PREUSSAG)	Rhein.Westf.Elekt.-Werke Rhein.Westf.Elekt.-Werke	Steam, Water	75	-	X	-	-	-	-	-	-	-	-	-	-	-	-
1985 D	CPP Singen 60 Mw	Singen	Verein.Alu-Werke Singen Wehrle-Werke Emmendingen	Steam, Water, Oil	74	-	X	-	-	-	X	-	-	X	-	-	-	-	-
1985 D	EVo Ibbenbüren 63 MW	Ibbenbüren	PREUSSAG Ibbenbüren VEBA Kraftwerke Ruhr	Steam 72/510	76	-	-	-	-	-	-	-	-	X	-	-	-	-	-
1986 D	CPP Walsum 9	Walsum / Niederrhein	STEAG AG., Essen STEAG AG., Essen	Steam, Water	91	-	X	-	-	-	-	-	-	X	-	-	-	-	-
1988 D	CPP Wachtberg Coal-powered	5202 Frechen/b. Köln	Rheinische Braunkohle AG Mannesmann, Stuttgart		106	-	X	-	-	-	-	-	-	X	-	-	-	-	-
1988 D	District-heating	7350 Altbach	Neckarwerke Mannesmann, Stuttgart		113	-	X	-	-	-	-	-	-	X	-	-	-	-	-
1989 D	CPP Moabit	1000 Berlin	BEWAG Mannesmann-Seiffert		111	-	X	-	-	-	X	-	-	X	-	-	-	-	-
1989 D	CPP Schweinfurth	8720 Schweinfurth	GKS-Schweinfurth Mannesmann Anlagenbau		119	-	-	-	-	-	X	-	-	X	-	-	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
1989 D	CPP UNI Mainz 3	6500 Mainz	Kaeffer & Co.		114	-	-	-	-	-	-	-	-	X	-	-	-
1990 D	CPP Gaisburg	7000 Stuttgart	TWS Stuttgart TWS-Stuttgart		118	-	-	-	-	-	-	X	-	X	X	-	-
1990 D	CPP Schweinfurth	Schweinfurth	GKS-Schweinfurth Mannesmann, München		115	-	X	-	-	-	-	-	-	X	-	-	-
1990 D	CPP Sindelfingen	7023 Sindelfingen	Mercedes Benz AG Mannesmann Anlagenbau		116	-	X	-	-	-	-	-	-	X	-	-	-
1992 D	CPP Kehlheim	Kelheim	Bayrische Zellstoff GmbH L. & C. Steinmüller		123	-	X	-	-	-	X	-	-	X	-	-	-
1995 D	HKW Dessau Gas-Turbine and Boiler	Dessau	ABB/ Steinmüller	Water, Steam	166	-	X	X	-	-	X	-	-	X	-	-	X
1995 D	HKW Gera-Nord	Gera	Lentjes, EUT	Steam, Water	189	-	X	-	-	-	X	-	-	X	-	-	X
1995 D	HKW Gera-Süd	Gera	Lentjes, EUT	Steam, Water	190	-	X	-	-	-	X	-	-	X	-	-	-
1995 D	KW Schwarze Pumpe	Schwarze Pumpe	VEAG Babcock-Lentjes		151	-	X	X	-	-	X	X	-	X	X	-	-
1996 D	HKW Gera Nord Thermal Power Plant	D-Gera	Stadtwerke Gera ABB	Steam, Water	176	-	-	-	X	-	-	-	-	-	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1996 D	HKW Gera Sued Thermal Power Plant	D-Gera	Stadtwerke Gera ABB	Steam, Water	175	-	-	-	X	-	-	-	-	-	-	-	-	-
1996 D	KW Wolfen Gas-Turbine	D-Wolfen	KW Wolfen GmbH MEAG, Halle	Steam, Water	180	-	X	X	-	-	-	-	-	X	-	-	-	X
1996 D	Schwarze Pumpe Power Plant	Schwarze Pumpe, Germany	AE & E, Österreich	oil / gas / water	232	-	X	-	-	-	-	-	-	X	-	-	-	-
1996 D	Thermal Power Plant	D-Rheinberg	Deutsche Solvay Werke EVT, Neumark	Steam, Water	181	-	X	-	-	-	X	-	-	X	-	-	-	-
1997 D	AHK-HKW Frankfurt/Oder	D-Frankfurt/Oder	FKW BLK, Berlin	Steam, Water	177	-	X	X	-	-	X	X	-	X	X	-	-	-
1997 D	IHKW Schwedt Thermal Power Plant	D-Schwedt/Oder	PCK AG Steinmueller	Steam, Condensate, Water	178	-	X	X	-	-	X	-	-	X	-	-	-	-
1997 D	KW Wilhelmshaven	Wilhelmshaven	Siekmann & Co Econosto		182	-	X	-	-	-	X	-	-	X	-	-	-	-
1998 D	GEW Köln HKW Thermal Power Plant	Köln	GEW Köln (Stadtwerke Köln ?) Blohm & Voß	Water	203	-	X	-	-	-	-	-	-	X	-	-	-	-
1998 D	HEW Power Plant	Hamburg, Deutschland	HEW AE & E, Österreich	oil / gas / water	236	-	X	-	-	-	X	-	X	X	-	-	-	-
1999 D	Thermal Power Plant	Brand Erbisdorf	Babock Kraftwerkstechnik,		230	-	X	-	X	X	X	-	-	X	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
1999 D	Thermal Power Plant	Neunkirchen	Lentjes-MCE Ratingen		227	-	X	-	-	-	X	-	-	X	-	-	-
1999 D	KW-Lausward	Düsseldorf	Stadtwerke Düsseldorf Lurgi-Lentjes in Essen		266	-	X	X	-	-	X	X	-	X	X	-	-
1999 D	Mainz-Wiesbaden	Mainz	VEW, Dortmund NEM/Leiden in Holland		264	-	X	X	-	-	X	-	-	X	X	-	-
2000 D	Boxberg IV Power Plant	Boxberg	VEAG Steinmueller	Water	196	-	-	X	-	-	-	X	-	-	X	-	-
2000 D	KW Bitterfeld GUD Plant	Bitterfeld	MEAG Alstom	steam, water	335	-	X	-	-	-	X	-	-	X	X	-	-
2000 D	Wacker-Chemie, CHP-Plant	Burghausen	FORTUM FOSTER WHEELER	steam	329	-	X	X	X	-	X	X	-	X	X	-	-
2000 D	Wacker-Chemie, CHP-Plant	Burghausen	FORTUM FORTUM	steam	331	-	X	X	-	-	X	X	-	X	X	-	-
2001 D		Bergheim/Niederaussem	RWE Energie AG ALSTOM Energie GmbH	steam, condensate	330	-	-	-	-	-	X	-	-	X	-	-	-
1989 DK	CPP AMAGERVAERKET	Kopenhagen	Elkratt Mannesmann, D'dorf		110	-	X	-	-	-	-	-	-	X	-	-	-
1991 DK	CPP HABJERG	Holsterbro	Vestkraft W.H.Allen/Radlett Valve		129	-	X	-	-	-	X	-	-	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
2000 DK	Asnaesvaerket Power Plant	DK - 4400 Kalundborg	Zander & Ingeström		352	-	X	-	-	-	-	-	-	-	X	-	-	-
1999 F	Solvay Tavaux Thermal Power Plant	Tavaux, France	Solvay, France Alsthom, France	steam	322	-	-	-	-	-	-	-	X	-	X	X	-	-
1999 FIN	CAT RAUTARUUKI STEEL Power Plant	FIN - Raahe	Rautaruukki OY Rautaruukki OY		226	-	X	X	-	-	-	-	-	-	X	X	-	-
1999 FIN	Helsin. Energy-Vuosaari B	Helsinki	Helsinki Energy	steam	327	-	-	-	-	-	-	-	-	X	-	-	-	X
1999 FIN	Helsin. Energy-Vuosaari B	Helsinki	Helsinki Energy	steam	269	-	-	-	-	-	-	-	-	X	-	-	-	X
1999 FIN	Helsin. Energy-Vuosaari B	Helsinki	Helsinki Energy	steam	313	-	-	-	-	-	-	-	-	X	-	-	-	X
1999 FIN	Tampere City Power Plant NSL 2000	Tampere	Tampere Energy	gas	324	-	-	X	-	-	-	-	-	X	-	-	-	-
1999 FIN	Voimavasu Power Plant	SALO	VOIMAVASU OY FOSTER WHEELER	steam	314	-	X	-	X	-	X	-	-	X	-	-	-	-
2000 FIN		Loviisa, Finland	Fortum Power and Heat OY Fortum Power and Heat OY	Steam	328	-	-	-	-	-	-	-	-	X	-	-	-	-
2000 FIN	P&P Myllykoski 1x80MW ; 1x45MW	Myllykoski	Vattenfall Oy	steam, water	337	-	X	-	-	-	X	X	-	X	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
1991 GB	Rye House CCGT PROJ Thermal Power Plant	Killinghome	Siemens / KWU		142	-	-	-	-	-	X	-	-	X	-	-	-
1993 GB	GLANFORO-POWER Station Fibrogen Lto	GB-Glanforo	Glanforo-Power Lto. Aalborg-Ciserv Int. AIS	Steam, Water	136	-	X	-	-	-	X	-	-	X	-	-	-
1997 GB	Caberboard	Caberboard, Schottland	Siekmann	Steam, Water	191	-	X	-	-	-	X	-	-	-	-	-	-
1998 GB		Cottam	Power GEN Siemens AG KWU Offenbach	Dampf	202	-	X	X	-	-	-	-	-	X	X	-	-
1998 GB	Baldovie Power Plant	Baldovie / Scotland	Baldovie Ltd. AE & E, Österreich	steam / gas / water	223	X	X	-	-	-	-	-	-	X	-	-	-
1998 GB	Seabank Power Station Power Station	Bristol GB	Seabank Power Ltd. SIEMENS plc / Power Gen.	Steam, Condensate	206	-	X	X	-	-	X	-	-	X	X	-	-
1999 GB		Sutton, Cambridgeshire	FLS, Danmark		320	-	X	X	-	-	X	-	-	X	X	-	-
1983 GR	CPP Aghios 2 x 300 MW	Aghios Dimitrios	Public Power Corporation MANNESMANN AG.	Water, Condensate	57	-	X	-	-	-	X	-	-	X	-	-	-
1986 GR	CPP 16 MW	Athen	Hellenic Aspropyrgos Ref. Brown, Boveri et Cie. AG	Steam, Water	90	-	X	-	-	-	-	-	-	X	-	-	-
1997 GR	Lavrion IV Combined Cycle Block - 550 MW	Nähe Athen	Lavrion GEC Alsthom, Frankreich	oil / gas	255	-	X	X	-	-	X	X	X	X	X	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
2002 GR	Meliti-Achlada SES Power Plant	FLORINA Province	PPC Konsortium	diverse	354	-	X	X	-	-	X	-	-	X	X	-	X
1996 HU	KW Bakonyi Power Plant	Bakonyi	KW Bakonyi	steam / gas / water	219	-	X	-	X	-	-	-	-	X	-	-	-
1996 HU	KW Nyiregyhaza Power Plant	Nyiregyhaza	Nyiregyhaza Transelektra Budapest	steam / water	215	-	X	-	-	-	-	-	-	X	-	-	-
1997 HU	KW Budapest Power Plant	Budapest	KW Budapest IVO, Finland	steam / gas / water	210	-	X	X	-	-	-	-	-	X	X	-	-
1997 HU	KW Matrai Power Plant	Matrai	Matrai	steam / gas / water	209	-	X	-	-	-	-	-	-	-	-	-	-
1997 HU	KW Nyiregyhaza Power Plant	Nyiregyhaza	Nyiregyhaza Transelektra Budapest	steam / water	229	-	X	-	-	-	-	-	-	X	-	-	-
1998 HU	KW Bakonyi Power Plant	Bakonyi	KW Bakonyi	steam / gas / water	221	X	X	-	-	-	-	-	-	X	-	-	-
1998 HU	KW Budapest Power Plant	Budapest	KW Budapest IVO, Finland	steam / gas / water	214	-	X	-	-	-	-	-	-	X	X	-	-
1998 HU	KW Dunamenti Power Plant	Budapest	KW Dunamenti	steam / gas / water	216	-	-	X	-	-	-	-	-	-	-	-	-
1998 HU	KW Matrai Power Plant	Matrai	Matrai	steam / gas / water	211	-	X	-	X	-	-	-	-	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So n d e r	
1998 HU	KW Nyiregyhaza Power Plant	Nyiregyhaza	Nyiregyhaza Transelektra Budapest	steam / water	207	-	X	-	-	-	-	-	-	-	-	-	-	-
1998 HU	KW Pecs Power Plant	Pecs	Pecs	steam / gas / water	212	-	-	X	-	-	-	-	-	-	-	-	-	-
1999 HU	CSEPEL II	Budapest	Power Gen. Ltd. Voest Alpine, Wels	steam, condensate	326	-	X	-	-	-	-	-	-	X	-	-	-	-
1995 IN	Kutch Therm Power Station 1x75 MW	Gujarat,India	Elektrim S.A.Poland	Water/Steam	155	-	-	-	-	-	-	-	X	X	-	-	-	-
1985 IQ	TOUSS Power Station CPP	Iraq	Energieminsterium d.IRAQ BBC / MAB	Steam	79	-	X	-	-	-	-	-	-	X	-	-	-	-
2001 IRA	HARTHA TPS Power Plant	Irak	GCEP Baghdad Technopromexport, Moscow	Steam, Water	353	-	-	X	-	-	-	-	-	-	X	-	-	-
2000 LY	Tobruk III Power plant / Steam Generation Unit	Tobruk, Libyen	Gecol in Tobruk, Libyen BBP Energy, Oberhausen	Saturated Steam	339	-	X	-	-	-	X	-	-	X	-	-	-	-
1992 NL	District-heating-station WKC Almere	NL-Almere	Stadtgemeinoe Almere Stork-Kettels B.V.	Steam, Water	139	-	X	-	-	-	X	-	-	X	-	-	-	-
1992 NL	Thermal-power-station 680 MW	Amsterdam	NV Energieproductiebedrij ABB Kraftwerke, Mannheim		124	-	X	-	-	-	X	-	-	X	-	-	-	-
1998 NL	KW Cuijk Thermal Power Plant	NL-5433 NG Katwijk-Cuijk	PNEM Kvaerner Pulping	Steam / Water	204	-	-	X	-	X	X	-	-	X	X	-	X	-



YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1985 P	CPP SINES 1	Mague, Portugal	Gemeinde Mague Dt.BABCOCK-Werke Oberhsn.	Steam, Water	78	-	X	-	-	-	-	-	-	-	-	-	-	-
1986 P	CPP SINES 2	Mague / Portugal	Gemeinde Mague Dt.BABCOCK-Werke Oberhsn.	Steam, Water	96	-	X	-	-	-	-	-	-	-	-	-	-	-
1987 P	CPP SINES 3	Mague / Portugal	Gemeinde Mague Dt.BABCOCK-Werke,Oberhsn.	Steam, Water	100	-	X	-	-	-	-	-	-	-	-	-	-	-
1987 P	CPP SINES 4	Mague / Portugal	Gemeinde Mague Dt.BABCOCK-Werke Oberhsn.	Steam, Water	101	-	X	-	-	-	-	-	-	-	-	-	-	-
1984 PL	ABB Zamech. Elektrowinia Gorzow	Gorzow	ABB Zamech. Elektrowinia	steam	286	X	-	-	X	-	-	X	-	-	-	-	-	-
1984 PL	ABB Zamech. Elektrowinia Turow	Turow	ABB Zamech. Elektrowinia	steam	277	-	X	X	X	-	-	-	-	X	X	-	-	-
1984 PL	Zespot Elektrocieplowni Zespot	Lodz	Zespot Elektrocieplowni	steam	272	X	X	-	-	-	-	-	-	X	-	-	-	-
1992 PL	ELEKTROWINIA Siersza	Trzebina	ELEKTROWINIA	steam	283	-	-	X	-	-	-	-	X	-	-	-	-	-
1994 PL	Armatech Armatech	Warszawa	Armatech	steam	311	-	X	-	-	X	X	-	-	X	X	X	-	-
1994 PL	Celuloza Swiecie	Swiecie	Celuloza	steam	292	-	-	X	X	-	-	-	X	X	-	X	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So n d e r
1994 PL	Elektrocieplowni Zeran	Warszawa	Elektrocieplowni	steam	284	X	-	-	X	-	-	X	X	-	-	-	-
1994 PL	ELEKTROWINIA Opole SA	Opole SA	ELEKTROWINIA	steam	281	-	-	X	-	-	X	-	-	X	-	-	-
1994 PL	ELEKTROWINIA Laziska	Laziska	ELEKTROWINIA	steam	280	X	-	-	X	-	-	X	-	X	-	-	-
1994 PL	ELEKTROWINIA Pak	Konin	ELEKTROWINIA	steam	282	X	-	-	X	-	X	X	-	-	-	-	-
1994 PL	ELEKTROWINIA JAWORZNO III	JAWORZNO	ELEKTROWINIA	steam	270	-	X	-	-	-	-	-	-	X	-	-	-
1994 PL	ELEKTROWINIA Stalowa Wola	Stalowa Wola	ELEKTROWINIA	steam	274	-	X	X	-	-	-	-	-	X	-	-	-
1994 PL	ELEKTROWINIA Zafiwka	Jastrzebie Zdroj	ELEKTROWINIA	steam	275	-	-	-	-	-	-	-	-	-	-	-	-
1994 PL	Energomontaz Poludnie Energomontaz Poludnie	Katowice	Energomontaz Poludnie	steam	307	-	-	-	X	-	X	-	X	-	-	-	-
1994 PL	International Paper Kwidzyn	Kwidzyn	International Paper	steam	301	-	-	X	-	X	X	-	X	X	-	X	-
1994 PL	KGHM Polska Miedz Oddzial Zaklady	Polkowice	KGHM Polska Miedz	steam	299	X	-	-	-	-	-	X	-	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So n d e r	
1994 PL	Megadex Sa Megadex Sa	Warszawa	Megadex Sa	steam	297	-	-	X	X	-	-	X	-	-	-	-	-	-
1994 PL	Rafineria Czechowice Rafineria Czechowice	Czechowice-Dziedzice	Rafineria Czechowice	steam	296	X	X	-	-	X	-	-	-	-	-	-	-	-
1994 PL	Rafineria Gdanska Rafineria Gdanska	Gdanska	Rafineria Gdanska	steam	302	X	-	-	-	-	-	X	-	-	-	-	-	X
1994 PL	Zaklad Odazotowania Krio	Odolanow	Zaklad Odazotowania	steam	289	-	-	X	X	-	-	-	-	-	-	X	-	-
1994 PL	Zaklady Azotowe Wloclawek	Wloclawek	Zaklady Azotowe	steam	293	X	-	-	-	-	-	X	-	-	-	-	-	X
1994 PL	Zaklady Chemiczne Organika-Zachem	Bydgoszcz	Zaklady Chemiczne	steam	303	-	-	X	X	-	-	-	X	X	-	X	-	-
1994 PL	Zaklady Gumowe Gornictwa	Bytom	Zaklady Gumowe	steam	290	X	X	-	-	-	X	X	-	-	-	-	-	-
1994 PL	Zaklady Police Zaklady Police	Police	Zaklady Police	steam	294	-	-	X	X	-	-	-	X	X	-	X	-	-
1996 PL	Elektrocieplowni Krakow	Krakow	Elektrocieplowni	steam	285	-	X	-	-	X	-	-	-	X	-	-	-	-
1996 PL	ELEKTROWINIA Polkowice	Polkowice	ELEKTROWINIA	steam	273	-	X	X	-	-	-	-	-	-	-	X	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
1996 PL	ELEKTROWINIA KOZIENICEI	Swierze Gorne	ELEKTROWINIA	steam	271	-	X	-	X	-	-	-	-	X	-	-	-
1996 PL	ELEKTROWINIA Bedzin	Bedzin	ELEKTROWINIA	steam	276	-	X	-	X	-	-	-	-	X	-	-	-
1996 PL	ELEKTROWINIA Blachownia	Blachownia	ELEKTROWINIA	steam	279	-	X	-	X	-	-	-	X	X	-	X	-
1996 PL	Intercell Ostroleka	Ostroleka	Intercell	steam	291	-	-	-	-	X	-	-	X	X	-	X	-
1996 PL	Montin Montin	Krakow	Montin	steam	309	-	-	X	-	-	-	X	-	-	-	-	X
1996 PL	Oponiarska TC Debica	Debica	Oponiarska TC	steam	300	-	X	-	-	-	-	-	-	-	X	-	X
1996 PL	Ostroiecki Przedsiębiorstwo	Ostroieka	Ostroieckie	steam	288	-	X	-	-	X	-	-	X	-	-	-	-
1996 PL	Przedsiębiorstwo Arpo	Jasto	Przedsiębiorstwo	steam	306	-	-	X	-	-	-	X	-	-	-	-	-
1996 PL	Radomskie PEC Rad PEC	Radom	Radomskie PEC	steam	298	-	-	-	-	X	X	-	X	-	X	-	-
1996 PL	Zakłady Azotowe Pulawy	Pulawy	Zakłady Azotowe	steam	295	-	-	-	-	-	X	-	-	-	X	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So n d e r
1996 PL	Zaklady Remontowe Zaklady Remontowe	Krakow	Zaklady Remontowe	steam	310	X	-	-	X	-	-	-	-	-	X	X	-
1997 PL	Naftoport Witalda Poinca	Gdansk	Naftoport	steam	287	-	-	X	-	-	X	-	-	-	-	-	-
1997 PL	Turow I and II GUD Power Plant	Bogatynia	Turow Power Plant ABB Baden	feed water, steam	261	-	X	-	-	-	X	-	-	X	X	-	-
1998 PL	Montochem Montochem	Gliwice	Montochem	steam	312	-	-	X	-	-	-	X	X	-	-	-	X
1998 PL	Turow III GUD Power Plant	Bogatynia	Turow Power Plant ABB Baden	feed water, steam	263	-	X	-	-	-	X	-	-	X	X	-	-
1998 PL	Zaklady Azotowe Kedzierzyn	Kedzierzyn-Kozle	Zaklady Azotowe	steam	304	-	-	-	-	-	X	-	-	-	X	-	-
1998 PL	Zec Wroclaw Zec Wroclaw	Wroclaw	Zec Wroclaw	steam	305	X	X	-	-	X	-	-	-	-	-	-	-
1999 PL	Lech Engineering Lech Engineering	Piastow	Lech Engineering	steam	308	-	X	-	-	X	-	-	-	X	X	-	-
1999 PL	Petrochemia Plock Plock	Plock	Petrochemia Plock	steam	278	-	X	-	X	-	-	-	-	X	-	-	-
2005 POL	Patnow II - 460 MW Power Plant	62-510 Konin (POLEN)	Patnow Power Plant ALSTOM Power Sp.z.o.o.	Steam, Water	363	-	X	-	-	-	-	-	-	X	X	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1980 RC	PP Zhanjiang Thermal Power Plant	Zhanjiang	PP Zhanjiang Designinstitute Zhanjiang	steam	246	X	-	X	-	-	-	-	-	-	-	-	-	-
1981 RC	PP Shaoguan Power Plant	Shaoguan	PP Shaoguan PP Shaoguan	steam	243	-	-	X	-	-	-	-	-	X	-	-	-	-
1983 RC	TPP Xuzhou Thermal Power Plant	Xuzhou	TPP Xuzhou TPP Xuzhou	steam	241	-	-	X	-	-	-	-	-	-	-	-	-	-
1985 RC	TPP Inner Mongolia Thermal Power Plant	Jining	TPP Inner Mongolia TPP Inner Mongolia	steam	240	-	-	X	-	-	-	-	-	-	-	-	-	-
1989 RC	Xuzhou Power Plant	Xuzhou	Xuzhoz Ltd. Xuzhou	steam	317	-	-	X	-	-	-	-	-	-	-	-	-	-
1990 RC	Xin Xiang Power Plant	Xin Xiang	Xin Xiang Power KW Xin Xiang	steam	315	-	-	-	-	-	X	-	-	-	-	-	-	-
1991 RC	Zun Yi Power Plant	Zun Yi	Zun Yi Ltd. Zun Yi	steam	319	-	-	X	-	-	-	-	-	X	X	-	-	-
1993 RC	Nei Jiang Power Plant	Nei Jiang	Nei Jiang Ltd. Nei Jiang	steam	318	-	-	-	-	-	X	-	-	-	-	-	-	-
1994 RC	Guang Zhou Petrochemical Power Plant	Guang Zhou	Guang Zhou Petrochemical Ltd. Guang Zhou Petrochemical	steam	316	-	-	-	-	-	-	-	-	-	X	-	-	-
1995 RC	Lamma Power Station Hong-Kong Thermal Power Plant	Lamma Island	The Hong-Kong Electric Group Mannesmann, Düsseldorf	gas / water / steam	262	-	X	X	-	-	X	-	X	X	-	-	-	X

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nder	
1996 RC	Jiaozuo-Henan Thermal Power Plant	Jiaozuo-Henan	Jiaozuo Henan Ltd. Jiaozuo Henan Ltd.	steam	265	-	-	-	-	-	X	-	-	X	-	-	-	
1997 RC	Beijing 1 Thermal Power Plant	Beijing	ABB, Mannheim	steam / water	256	-	X	X	-	-	-	-	-	X	-	-	-	
1997 RC	Hebi Thermal Power Plant	Hebi	Hebi Ltd. Hebi Ltd.	steam	249	-	-	-	-	-	X	-	-	-	-	-	-	
1997 RC	Jiaozuo-Henan Thermal Power Plant	Jiaozuo Henan	Jiaozuo Henan Ltd. Jiaozuo Henan Ltd.	steam	250	-	-	-	-	-	-	-	-	X	-	-	-	
1997 RC	Zhanjiang Thermal Power Plant	Zhanjiang	Zhanjiang Ltd. Zhanjiang Ltd.	steam	247	-	X	-	-	-	-	-	-	-	-	-	-	
1998 RC	Fuzhou 1 Thermal Power Plant	Fuzhou	Siemens, Germany	steam / water	258	X	X	-	-	-	-	-	-	X	-	-	X	
1998 RC	Fuzhou 2 Thermal Power Plant	Fuzhou	Siemens, Germany	steam / water	259	X	X	-	-	-	-	-	-	X	-	-	X	
1998 RC	Hai Fu Thermal Power Plant	Hai Fu	ABB, Berlin	steam / water	260	-	-	X	-	-	-	-	-	-	-	-	-	
1998 RC	Rizhao 1 Thermal Power Plant	Rizhao	Siemens, Germany	steam / water	244	X	X	-	-	-	-	-	-	X	-	-	X	
1998 RC	Rizhao 2 Thermal Power Plant	Rizhao	Siemens, Germany	steam / water	245	X	X	-	-	-	-	-	-	X	-	-	X	

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1998 RC	Yangcheng 1 Thermal Power Plant	Yangcheng	Siemens, Germany	steam / water	257	X	X	-	-	-	-	-	-	-	X	-	-	X
1998 RC	Zun Yi Thermal Power Plant	Zun Yi	Zun Yi Ltd. Zun Yi Ltd.	steam	239	-	-	X	-	-	-	-	-	-	-	-	-	-
1992 SF	CPP MERI-PORI	Tahkoluoto	Imatran Voima IVO Ravma Repola Offshore OY	Steam, Condensate	131	-	X	-	-	-	X	-	-	X	-	-	-	
1997 SK	GUD Bratislava GUD Combi-Plant	Bratislava	Siekmann & Co. Econosto		185	-	X	X	X	-	-	-	-	-	-	-	-	
1986 SYR	CPP Mehradeh 2 x 159 MW oil-fired	Mehardeh / Syria	Syrian Arabic Republic BBC - SGP - Steinmüller	Steam, Water	86	-	X	-	-	-	X	-	-	X	-	-	-	
1993 T	TPIC-THAILAND Cogeneration-Plant	Rayone	Thai-Petrochemical Austrian-Energy & Envirom	Steam,Water,Condensate	137	-	X	-	-	-	-	-	-	X	-	-	-	
1986 TR	CPP 150 MW	Seyitoemer	türkischer Staat Brown, Boveri et Cie. AG.	Steam	92	-	X	-	-	-	-	-	-	-	-	-	-	
1987 TR	CPP SEYITOEMER 4 150 MW	Türkei	Tuerkiye Elektrik Kurumk Verein.Kesselwerke, D'drf	Steam, Water	102	-	X	-	-	-	-	-	-	X	-	-	-	
1978 UAE	CPP Umn al Nar 1-6 Oil-fired-power-plant	Umm al Nar	Water & Electricity Dept. Dt.Babcock, Oberhausen	Steam, Water, Oil	32	-	X	-	-	-	-	-	-	X	-	-	X	
1976 WAN	CPP Sapele 1-4 4 x 120 MW Oil-fired	Sapele	NEPA / Nigeria BBC Mannheim / BBC Baden	Steam, Water, Oil	27	-	X	-	-	-	-	-	-	X	-	-	-	



YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1979 WAN	CPP Sapele 5-6 2 x 120 MW Oil-fired	Sapele / Nigeria	NEPA / Nigeria BBC Mannheim/BBC Baden	Steam, Water, Oil	34	-	X	-	-	-	-	-	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																		
Power plant for desalination																		
2001 UAE	TAWEELAH A1 Power plant for desalination	Abu Dhabi	WED Abu Dhabi BBP Energy GmbH Oberhause	steam	350	-	X	X	-	-	X	X	-	X	X	-	-	-
<b>TYPE OF PLANT</b>																		
Powerplant																		
2002 PR	Yun Fu 125 MW Powerplant	Guangzhou		steam/condensat	356	-	X	-	-	-	-	-	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																		
Pulp & Paper Industry																		
2000 RUS	AO Svetogorsk BFB-boiler	RUS - 188991 Svetogorsk	AO Svetogorsk Kvaerner Pulping, Tampere	feed water / steam	340	-	X	X	X	-	X	-	-	X	-	-	-	-
<b>TYPE OF PLANT</b>																		
Pulp & Paper Plant																		
1993 A	GUD-Combi-plant	A-8600 Bruck/Mur	Leykram-Mürztaler BHLW-Consulting	Steam	144	-	X	-	-	-	-	-	-	X	-	-	-	-
1997 A	Leykam	Gratkorn	KNP Leykam KNP Leykam	Steam/Water	157	-	X	-	-	-	-	-	-	X	-	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D Ri	K S	S	D S K	R S	So nd er
1999 BR	KLABIN Fabricia Celulose Recovery boiler	Estado Do Parana	KLABIN Fabricia SA Kvaerner Pulping AB Gothe	steam, water	336	-	-	-	-	-	-	-	-	X	-	-	-
1999 BR	KLABIN Fabricia Celulose Recovery boiler	Estado Do Parana	KLABIN Fabricia SA Kvaerner Pulping AB Gothe	steam, water	333	-	-	X	-	-	-	-	-	-	X	-	-
1999 D		Blankenstein/Saale	Zellstoff- +Papierf. Rosenthal Jaakko Pöyry, Finland		225	-	-	-	-	-	-	-	-	X	-	-	-
1990 RCH		Santa Fe	Forestal e Industrial Jaako Poery	Steam, Condensate,Aii	133	-	X	-	-	-	-	-	-	X	-	-	-
2001 S	Iggesund Paperboard AB	Iggesund	Iggesund Paperboard AB Fagerberg, Göteborg	steam	351	-	X	-	-	-	-	-	-	X	X	-	-
1992 SF	TERMOFLOW-KUUSI		Ahlstroem Termoflow Ahlstroem		134	-	X	-	-	-	-	-	-	X	-	-	-
1997 SK	Paierfabrik Ruzomberok Pulp & Paper Plant	SK-Ruzomberok	SCP a.s, Istroenergo, SK-Levice	Steam, Water	197	-	X	X	X	-	X	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																	
pulp and paper plant																	
2002 SE	Södra Cell Mörrums Bruk pulp and paper plant	SE - 37586 Mörrum	Södra Cell AB Kvaerner Pulping	steam, feedwater	355	-	X	-	-	-	X	-	-	X	X	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D Ri	K S	S	D S K	R S	So nd er	
<b>TYPE OF PLANT</b>																		
<b>REA DEOX</b>																		
1990 D	KWF REA/DENOX	4370 Marl	Huels AG KRC-Würzburg		108	-	X	-	-	-	-	-	-	-	X	-	-	-
<b>TYPE OF PLANT</b>																		
<b>Recycling Plant</b>																		
2000 D	Polyamid 2000	Premnitz	Handels u. Produktionsges. Pre Lurgi Lentjes Energie	steam,water	349	-	X	X	X	X	X	-	-	X	-	-	-	
<b>TYPE OF PLANT</b>																		
<b>Refinery</b>																		
1997 HU	MOL-Szazhalombatta Refinery	Szazhalombatta	MOL MOL	cruide oil / gas	213	-	X	-	-	-	-	-	-	-	-	-	-	
1998 RC	Nanjing Refinery	Nanjing	Nanjing Ltd. Nanjing Ltd.	steam	248	-	X	-	-	-	-	-	-	-	-	-	-	
1997 SK	Petrochemia Slovnaft Refinery	Slowakei	Petrochemia Slovnaft Ltd. AE & E, Österreich	steam	233	-	X	-	-	-	-	-	-	-	-	-	-	
1998 SK	Petrochemia Slovnaft Refinery	Slowakei	Petrochemia Slovnaft Ltd. AE & E, Österreich	steam	235	-	-	-	-	-	X	-	-	-	-	-	-	

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
<b>TYPE OF PLANT</b>																	
<b>Refuse-Incineration Plant</b>																	
1997 CH	KVA Basel	Basel	Caliqua AG		186	-	X	-	-	-	X	-	-	X	-	-	-
1997 CH	KVA III Basel Line 2 + 3	Basel	REDAG ABB Enertech, Winterthur	Steam, Water	194	-	X	-	X	-	X	-	-	X	-	-	X
1986 D		Essen-Karnap	RWE Essen BABCOCK Anlagenbau	Steam, Water, Oil	85	-	X	-	-	-	-	-	-	X	-	-	-
1989 D	MVA-Landshut	Landshut	MVA-Landshut Mannesmann, Stuttgart		107	-	X	-	-	-	-	-	-	X	-	-	-
1995 D	MHKW Iserlohn MK 3	Iserlohn	Eisenwerke Baumgarte	Steam, Water	188	-	X	-	-	-	-	-	-	X	-	-	-
1995 D	MHKW Kempten	Kempten	Zweckverband Abfallw.-Kempter Kraftanlagen München	Water, Steam	165	-	X	X	-	-	X	-	-	X	X	-	-
1995 D	MHKW Kiel MHKW Boiler 4 u. 5	Kiel	Stadtwerke Kiel AG DBA/BLK Oberhausen	Water a. Steam	169	-	X	-	-	-	X	-	-	X	-	-	-
1995 D	MKVA-Krefeld	Krefeld	EGK-Krefeld Fichtner/Steinmüller	Water a. Steam	168	-	X	-	-	-	X	-	-	X	-	-	-
1995 D	MVA-Ingolstadt	Ingolstadt	Kraftanlagen München	Water, Steam	170	-	X	X	-	-	X	-	-	X	X	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
1996 D	AEZ-Kreis Wesel	Kamp-Lintfort	Steag Essen	Water, Steam	164	-	X	X	-	-	X	-	-	X	X	-	-
1996 D	AVG Hamburg	S-Hamburg	Stadtwerke Hamburg vonRoll	Steam, Water	172	-	X	-	-	-	X	-	-	X	-	-	-
1996 D	MHKW Iserlohn	Iserlohn	KAH München		149	-	X	-	-	-	X	-	-	X	X	-	-
1996 D	MHKW-Essen-Karnap	Essen-Karnap	RWE-Essen Balcke-Dürr GmbH		163	-	X	-	-	-	-	-	-	X	-	-	-
1996 D	RMVA Köln	Köln	KAH Münch. + Bab.-Lentjes		150	-	X	-	-	-	X	X	-	X	X	-	-
1996 D	RMVA Köln	Köln	Stadt Köln Babcock Lentjes		184	-	-	X	-	-	-	-	-	-	-	-	-
1996 D	RMVA Köln	Köln	Stadt Köln Kraftanlagen München		183	-	X	-	-	-	X	-	-	X	-	-	X
1996 D	SBA ZAR Fuerth	D_Fuerth	Zweckv. Abfallents Ranga Kraftanlagen Anlagentechn	Condensate, Water	174	-	X	-	-	-	X	-	-	X	-	-	-
1997 D	MHKW Pirmasens	Pirmasens	?	Steam, Water	187	-	X	-	-	-	X	-	-	X	-	-	-
1997 D	RVA Huels	Marl-Huels	Huels AG Steinmueller	Steam, Water	193	-	X	-	-	-	X	-	-	X	-	-	-

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
1997 D	RVA-Böhlen	Böhlen	Broerius Abfallwirtschaft Steinmüller	Water, Steam	171	-	X	-	-	-	-	-	-	-	X	-	-	X
1997 D	RVA-Hüls	Marl Hüls	Hüls AG Steinmüller	Steam, Water	161	-	X	-	-	-	X	-	-	X	-	-	-	
1997 D	VERA-Hamburg	Hamburg	HSE/RWE/VERA Deutsche Babcock Anlagen	Water, Steam	162	-	X	-	-	-	X	-	-	X	-	-	-	
1995 E	MHKW-Tyseley	Birmingham	Stadtwerke Birmingham Steinmüller	Steam	167	-	X	-	-	-	X	-	-	X	-	-	-	
1999 GB	Abengoa-Fife	Ballingry, Scotland	EPR Ltd, Scotland Austrian Energy, Wien	steam	332	-	X	-	-	-	-	-	-	X	-	-	-	
1998 HU	FKFV Refuce Incineration Plant	Budapest	FKFV-Müllverbrennung	steam / gas / water	218	-	-	-	-	-	-	-	-	-	-	-	-	
1992 ID	CPP BELAWAN	Jakarta	Aalborg Ciserv Siemens	Steam, Water	128	-	X	-	-	-	X	-	-	X	-	-	-	
1999 N		N-Bergen	K.A.B., Berlin		238	-	X	-	-	-	X	-	-	X	-	-	-	
1992 NL	AVI-WEST	NL-1046 BS Amsterdam	Stadtreinigung Amsterdam Comprimo B.V.	Steam, Water	135	-	X	-	-	-	X	-	-	X	-	-	-	
1995 NL		Niymegen	Noell-KRC, Würzburg		152	-	X	-	-	-	-	-	-	X	-	-	X	

YEAR	NAME OF PLANT (1)	LOCATION	OPERATOR	MEDIUM(E)	NO.	TYPE OF VALVE											
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er
NAT	NAME OF PLANT (2)		Consultant/Engineeri														
1996	Avi-Twente	Twente, Niederlande	Afvalverwerking B.V.	oil / gas / water	231	-	X	-	-	-	-	-	-	-	-	-	-
NL	Refuse Incineration Plant		AE & E, Österreich														
1996	Avira	Arnhem, Niederlande	Afvalverwerking Arnhem B.V.	oil / gas / water	222	X	X	-	-	-	X	-	-	X	-	-	-
NL	Refuse Incineration Plant		AE & E, Österreich														
1998	Avi-Twente	Twente, Niederlande	Afvalverwerking B.V.	oil / gas / water	234	-	X	-	-	-	-	-	-	-	-	-	-
NL	Refuse Incineration Plant		AE & E, Österreich														
<b>TYPE OF PLANT</b>																	
<b>Sourgas-Treatment</b>																	
1973	Glace Bay Heavy	Glace Bay, Nova Scotia	Atomic Energy of Canada	Sourgs	16	-	X	-	-	-	X	-	-	X	-	-	-
CDN	Water Plant		Atomic Energy of Canada														
1974	Bruce Heavy Water	Douglas Point, Ontario	Ontario Hydro	Sourgas	18	-	-	-	-	-	-	-	-	X	-	-	X
CDN			Lummus Co.Ltd., Canada														
1976	Natural-gas-processing-treatment	Grossenknechten	Gew.Brigitta-Elwerath	Sourgas	28	-	X	-	-	-	X	-	-	X	-	-	-
D			LURGI GmbH, Frankfurt														
<b>TYPE OF PLANT</b>																	
<b>Steamcracker</b>																	
1991	Steamcracker	Antwerpen	BASF	Steam	154	-	-	-	-	-	-	X	-	X	X	-	-
B			Linde														

YEAR NAT	NAME OF PLANT (1) NAME OF PLANT (2)	LOCATION	OPERATOR Consultant/Engineeri	MEDIUM(E)	NO.	TYPE OF VALVE												
						K V	V	H D V	R V	M L V	R K	D R I	K S	S	D S K	R S	So nd er	
<b>TYPE OF PLANT</b>																		
<b>Steel-Plant</b>																		
1988 D		4760 Luenen	Hoewing Oschatz GmbH		112	-	X	-	-	-	-	-	-	-	X	-	-	-
1989 D	Bercellius	5190 Stolberg	Bercellius-Metallhütte Schmidt'sche Heissdampf		109	-	X	-	-	-	-	-	-	-	X	-	-	-
1990 D		3150 Peine	Salzgitter AG Oschatz GmbH, Essen		2	-	X	-	-	-	X	-	-	X	-	-	-	-
1990 D		Peine/Salzgitter	Oschatz GmbH		117	-	X	-	-	-	X	-	-	X	-	-	-	-
<b>TYPE OF PLANT</b>																		
<b>Test Power Plant</b>																		
1999 D	FRM II	Garching	TUM München SIEMENS-KWU Erlangen	Steam / Water	205	-	X	-	-	-	X	-	-	-	-	-	-	X
<b>TYPE OF PLANT</b>																		
<b>Test-Stand ARIANE</b>																		
1986 D	Test-Stand for rocket engines	Lampertshausen/Ottobrunn	MBB München Uhde AG., Hagen	Hydrogen	97	-	-	-	-	-	-	-	-	-	-	-	-	X



YEAR	NAME OF PLANT (1)	LOCATION	OPERATOR	MEDIUM(E)	NO.	TYPE OF VALVE												
						K	V	H	R	M	R	D	K	S	D	R	So	
NAT	NAME OF PLANT (2)		Consultant/Engineeri			V		D	V	L	K	RI	S		S	K	S	nder

**TYPE OF PLANT**

Water-Preparation-Plant

1997	Geleen	Geleen/Niederlande	EdeA	Water and Steam	195	-	X	-	-	-	-	-	-	-	X	-	-	-
D	Water-Preparation-Plant		Steinmüller															

**Description Type of Valves:** KV = Small Globe Valve; V = Globe Valve; H = High Pressure Globe Valve; R = Regulating Valve; MLV = Small globe Valve Modular System; RK = Swing Check Valve; DRI = High Pressure Swing Check Valve; KS = Small Gate Valve; S = Gate Valve; DSK = High Pressure Gate Valve; RS = Regulating Gate Valve; Sonder = Special Valve