

End User Company Name	Year	Quantity [pcs]	Name	Temp. [°C]	Pressure [bar]	Material	Weight [kg]	Code Inspection
Rafineria Gdańska POLAND	2025	2	AES tube bundle	320/300	23,4/35	SA336 Gr.F5 SA213 Gr.T5 (5Cr-0,5Mo)	18 860	WUDT + TEMA
Rafineria Gdańska POLAND	2025	1	AJS tube bundle	300/330	3,5/16,5	SA336 Gr.F5 SA213 Gr.T5 (5Cr-0,5Mo)	4 220	WUDT + TEMA
Rafineria Gdańska POLAND	2025	1	AES tube bundle	350/350	3,5/16,5	SA336 Gr.F5 SA213 Gr.T5 (5Cr-0,5Mo)	8 328	WUDT + TEMA
Rafineria Gdańska POLAND	2025	1	AJS tube bundle	375/55	3,5/6,0	SA516 Gr.70 SA179	23 400	WUDT + TEMA
Rafineria Gdańska POLAND	2025	3	"BEU Helicon tube bundle" Helicon Baffle®	305/221	26/30,7	CS	7600	WUDT + TEMA
Rafineria Gdańska POLAND	2025	1	"AES Helicon tube bundle" Helicon Baffle®	100/150	8,0/3,0	CS	1810	WUDT + TEMA
"Polimex Mostostal S.A. CCGT Rybnik/Poland"	2024	2	CCW Heat Exchanger Monolith Baffle®	50/60	4,0/12,0	CS/SS	23130	PED + EN13445
"POSCO E&C CO. LTD. S.A. Waste Thermal Plant, Warsaw/ Poland"	2022	1	Condensate preheater	130/190	16/1,5	CS/SS	5500	PED + EN13445
"POSCO E&C CO. LTD. S.A. Waste Thermal Plant, Warsaw/ Poland"	2022	1	District heater 2	160/210	19/8,0	CS/SS	20600	PED + EN13445
"POSCO E&C CO. LTD. S.A. Waste Thermal Plant, Warsaw/ Poland"	2022	1	District heater 1	160/190	19/3,5	CS/SS	23000	PED + EN13445
"Grupa LOTOS S.A. POLAND"	2021	2	"BEU Helicon tube bundle" Helicon Baffle®	305/221	26/30,7	CS	7600	WUDT + TEMA
GE Power / PGE Dolna Odra - Poland	2021	4	" Closed Cooling Water Cooler"	SS/TS 60/60	SS/TS 7.0/-1.0 / 4/-1.0	P265GH /1.4404	4x 9300	"PED + EN 13445"
PKN Orlen S.A.	2021	4	"AEM Cooling Propylene"	42,0 / 36,0	16,28/ 3,92	"SA 179 SA 516 Gr.70"	4 x 59000	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2021	1	"AEM Cooling Propylene"	88 / 36	16,67/ 3,92	"SA 249 TP321 SA 516 Gr.70"	53200	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2021	1	BKM evaporation C3-Refrigerant	-40 / -37	0,412 / 33,74	"SA334 Gr 1 SA 516 Gr.70"	18800	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2021	1	BKM evaporation C3-Refrigerant	-24 / -18	1,7 / 22,5	"SA334 Gr 1 SA 516 Gr.70"	22220	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2021	1	BKM Cooler Charge Gas	-18,8 / -13,0	18,63 / 33,93	"SA334 Gr 1 SA 516 Gr.70"	18000	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2021	1	AES cooler working water	41,6 / 29,9	5,7 / 4,0	"SA 249 TP321 SA 516 Gr.70"	27600	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2021	1	AEM cooler Hydro-carbons	52,0 / 36,0	21,3 / 4,0	"SA179 SA 516 Gr.70"	27000	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2020	2	"V-BEM Propylene Refrigerant Condenser"	1,0 / -7,9	5,1/18,8	"SA334 Gr 1 SA 516 Gr.70"	2 x 20730	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2020	3	"AEM Cooling Propylene"	43,6 / 36,0	16,77 / 3,93	"SA334 Gr 1 SA 516 Gr.70"	3 x 49000	"PED + ASME VIII Div.1 + TEMA R"
PKN Orlen S.A.	2020	1	BKM cooler Re-cycle Ethane	-35,5 / -29,3	7,26 / 33,83	"SA334 Gr 1 SA 516 Gr.70"	11200	"PED + ASME VIII Div.1 + TEMA R"
Nuclear Power Station HINKLEY POINT C	2020	4	BEM SRI Heat Exchanger	SS/TS 60/60	SS/TS 9/11FV	CS/SB- 338 Gr.2	4x 28630	PED + CODAP
PKN Orlen S.A.	2020	2	BEM Ethylene Fractionator Reboiler	-25	0,71/2,08	SA334 Gr 1 SA 765 Cl. II	2x 23300	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	3	AEM Propylene Fractionator Condenser	80/60	2,13/0,81	P265GH SA 516 Gr. 70	3x 51000	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	4	AEM Propylene Refrigerant Condenser	100/60	2,03/0,81	SA249 TP321 SA 516 Gr. 70	4x 61000	PED + ASME VIII Div.1 + TEMA R

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PKN Orlen S.A.	2020	1	BKM Demetanizer Feed Chiller I	45/45	0,71/3,94	SA334 Gr 1 SA 516 Gr.70	1x 18780	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	1	BKM Ethane Vaporizer	-40	1,08/3,94	SA334 Gr 1 SA 516 Gr. 70	1x 11380	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	1	BKM Disillation Column Condenser	-24	0,8/3,2	SA334 Gr 1 SA 516 Gr. 70	1x 21310	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	1	BKM Ethylene Fractionator Reboiler	-25	2,08/3,94	SA334 Gr 1 SA 516 Gr. 70	1x 18680	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	1	AEM Heat Exchanger	70/60	2,46/0,80	P265GH SA 516 Gr. 70	1x 25450	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	1	AES Heat Exchanger	100/60	1,2/0,80	1,4541 SA 240 Gr. 321	1x 29930	PED + ASME VIII Div.1 + TEMA R
PKN Orlen S.A.	2020	1	AEM Cooling Propylene Chiller	100/60	1,96/0,80	SA249 TP321 SA 516 Gr. 70	1x 55000	PED + ASME VIII Div.1 + TEMA R
PKN Orlen POLAND	2020	3	AJM Propylene condenser A/B/C	70/65 70/65 70/65	18,3/12,2 18,3/12,2 18,3/12,2	CS/SS CS/SS CS/SS	51500 51500 50000	PED + ASME VIII Div.1 + TEMA
Polimex Energetyka EC Żerań POLAND	2019	1	Main cooler	120/50	23/2,5	CS/SS	125000	PED + EN13445
Doosan Škoda Power EC Żerań POLAND	2019	1	District water heater 2	265/119	1,8/23	CS/SS	130900	PED + EN13445
Doosan Škoda Power EC Żerań POLAND	2019	1	District water heater 1	150/119	0,5/23	CS/SS	181800	PED + EN13445
PKN Orlen POLAND	2018	1	AEU Helixchanger	385/250	25,7/21,6	CS/ 20Mn- MoNi4-5	12900	PED 2014/68/EU + ASME Section VIII, TEMA "R" + API 660
PKN Orlen POLAND	2017	1	CES Helixchanger	375/375	33/33	CS/CS	45100	PED + ASME
PKN Orlen POLAND	2017	1	AEM Helixchanger	150/120	33/24	CS/CS	13100	PED + ASME
PKN Orlen POLAND	2017	1	AEM Helixchanger	145/120	19/16	CS/CS	21500	PED + ASME
PKN Orlen POLAND	2017	1	AES Helixchanger	145/120	20/17	CS/CS	7900	PED + ASME
PKN Orlen POLAND	2017	1	AES Helixchanger	150/120	15/13	CS/CS	23700	PED + ASME
Grupa LOTOS S.A. POLAND	2017	3	BEU Helixchanger tube bundle	305/221	26/30,7	CS/CS	8000	WUDT+TEMA 9 +API660
PKN Orlen POLAND	2016	1	AEU Helixchanger tube bundle	385/250	36/25	CS/CS	13 960	PED + WUDT 2003
Grupa LOTOS S.A. POLAND	2016	1	AES Helixchanger tube bundle	200/350	25/14	CS/CS	9 100	PED + ASME VIII Div.1
Grupa LOTOS S.A. POLAND	2016	2	BEU	275/285	16,5/12	CS/CS	2 560	PED + ASME VIII Div.1
Grupa LOTOS S.A. POLAND	2016	1	BEM	225/150	10/11,1	CS/CS	13 050	PED + ASME VIII Div.1
Grupa LOTOS S.A. POLAND	2016	2	AES Helixchanger tube bundle	190/220	35/24	CS/CS	26 800	PED + ASME VIII Div.1
PKN Orlen POLAND	2016	1	AES Helixchanger tube bundle	150/150	21,6/16,9	CS/CS	9 000	PED + WUDT 2003
Balcke Dürr GmbH / SPX PGE, Power Plant Opole Unit 5&6 POLAND	2016	6	LP1/2/3 Heater	110/110	0.4/38	SS/CS	35 900	PED + EN13445
HOLTEC International PGE, Power Plant Opole Unit 5&6 POLAND	2016	2	LP 5 Feedwater Heater	270/166	6/38	SS/CS	21 000	PED + EN13445
HOLTEC International PGE, Power Plant Opole Unit 5&6 POLAND	2016	2	LP 4 Feedwater Heater	220/152	4/38	SS/CS	22 000	PED + EN13445
HOLTEC International PGE, Power Plant Opole Unit 5&6 POLAND	2016	2	LP 3 Feedwater Heater	180/134	2/38	SS/CS	25 000	PED + EN13445
HOLTEC International PGE, Power Plant Opole Unit 5&6 POLAND	2016	2	COOLING WATER COOLER	60/65	6/10	SS/CS	20 100	PED + EN13445

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Doosan Skoda Power Lisbjerg Power Plant DENMARK	2015	1	HP Heater	395/237	33,5/200	CS/ 20Mn- MoNi4-5	10 750	PED + EN13445
Doosan Skoda Power Lisbjerg Power Plant DENMARK	2015	1	HP Heater	310/237	20/200	CS/ 20Mn- MoNi4-5	11 650	PED + EN13445
ALSTOM Power / PGE Power Plant Opole Unit 5&6 POLAND	2015	4	COOLING WATER COOLER	60/65	6/10	SS/CS	20 100	PED + EN13445
CB&I Nederland B.V. DONG/SHELL Refinery, Fred- ericia DENMARK	2014	8	BES	100/100	21/19	SS/CS	24 500	PED + ASME VIII Div.1
SIEMENS AG Power Plant Lausward GERMANY	2014	1	DISTRICT HEATER I	121/203	23/9	SS/CS	56 000	PED + EN13445
SIEMENS AG Power Plant Lausward GERMANY	2014	2	DISTRICT HEATER II	144/293	23/9	SS/CS	76 500	PED + EN13445
SIEMENS AG Power Plant Lausward GERMANY	2014	1	DISTRICT HEATER III	180/339	23/9	SS/CS	92 000	PED + EN13445
SIEMENS AG Power Plant Lausward GERMANY	2014	1	CONDENSATE COOLER	60/100	39/16	SS/CS	12 500	PED + EN13445
SIEMENS AG Power Plant Lausward GERMANY	2014	1	COOLING WATER COOLER	60/60	6/12	SS/CS	21 200	PED + EN13445
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	AEU HELIXCHANG- ER	150/65	34/25	CS	20 400	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	AEU HELIXCHANG- ER	150/65	9,5 /12	CS	25 900	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	BES HELIX- CHANGER	65/150	12/10,5	CS	20 100	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	3	AES HELIXCHANG- ER	185 / 150	34/26	CS	25 900	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	AEU HELIXCHANG- ER	150/65	10/12	CS	6 350	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	AEL HELIXCHANG- ER	150/65	9,5/12	CS	5 460	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	BES HELIXCHANG- ER	200/150	12/11	CS	13 600	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	BES HELIXCHANG- ER	200/150	12/11	CS	42 500	PED +AD 2000
CB&I Nederland B.V. BASF Antwerp BELGIUM	2013	1	BEM HELIX- CHANGER	200/150	34,5/25	CS	23 300	PED +AD 2000
SIEMENS Brno Bielsko-Biala POLAND	2012	3	LOW PRESSURE HEATER LP1, LP2 HIGH PRESSURE HEATER HP	170 / 220 170 / 220 230 / 320	24/ 7,5 24 / 6 240 / 20	13Cr Mo45 +CS +SS	6 200 6 100 11 800	PED + EN13445
ALSTOM POWER, Termoelektrarna Sostanj SLOVENIA	2012	3	LOW PRESSURE HEATER LP	190/134 240/152 290/171	49/-1	CS + SS	17 200 13 650 13 200	PED + EN13445
ANWIL S.A. Grupa ORLEN Wloclawek - POLAND	2011	1	AEP	121/204	10,5/11,6	CS	29 000	PED + WUDT UDT
LOTOS ASFALT Sp. z o.o. Gdańsk - POLAND	2010	1	AES Helixchanger tube bundle	300/300	11/11	CS	2 500	PED + WUDT UDT
SIEMENS AG Steam Power Plant Lünen GERMANY	2010	1	BFM	60/60	4/12	CS+SS	36 000	PED + EN13445
Alteko Ltd., TENGIZCHEVROIL, Tengiz, KAZAKHSTAN	2010	2	BEM	150/240	20,6/23,0	CS	6 150	ASME VIII Div. 1 with U-Stamp + GOST UDT
Balcke-Dürr GmbH an SPX Company, Power Plant MANNHEIM, GKM Block 9 GERMANY	2010	1	Shell of HP Header- type exchanger, thickness 78 mm	-	-	15NiCu MoNb 5-6-4	73 000	PED+EN13445 TÜV
Balcke-Dürr GmbH an SPX Company, Power Plant MANNHEIM, GKM Block 9 GERMANY	2010	1	Shell of HP Header- type exchanger, thickness 90 mm	-	-	15NiCu MoNb 5-6-4	54 000	PED+EN13445 TÜV
UTE ANDASOL 3 (MAN Ferrostaal AG - Duro Fel- guera S.A. - Solar Millenium AG, MAN Solar Millenium GmbH) SOLAR POWER	2010	12	N(B)FU	399/399	40/25	CS	51 000	PED+ASME Sec. VIII Div. 1 & 2 UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2010	3	BEU Helixchanger tube bundle	330/396	30,7/26	CS+ 20MN5	7 800	PED+WUDT UDT

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ORLEN OIL Plock, POLAND	2009	1	Fixed tubesheet HE with Low Finned Tubes	50/100	6,2/20	CS	21 000	WUDT 2003 UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2008	1	AES	100/150	8/2,8	CS	1 600	PED+WUDT UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2008	1	AES	253,8/ 150,4	6/27,46	CS	11 400	PED+WUDT UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2008	1	AES	55/343	23/34	CS	1 755	PED+WUDT UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2008	1	BEM	85/160	6,5/31	CS	2 360	PED+WUDT UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2008	1	AES	100/150	8/4	CS	1 345	PED+WUDT UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2008	1	With coil insert	200/200	32/10	CS	1 395	PED+WUDT UDT
Grupa LOTOS S.A. Gdańsk, POLAND	2008	1	AEP	300/50	6/6	CS	1 243	PED+WUDT UDT
LURGI S.A. - LOTOS S.A. Gdańsk, POLAND	2008	2	AES Helixchanger	120/210	32/48	CS	20 000	ASME + PED UDT
LURGI S.A. - LOTOS S.A. Gdańsk, POLAND	2008	1	AES Helixchanger	200/260	35/24	CS	32 000	ASME + PED UDT
LURGI S.A. - LOTOS S.A. Gdańsk, POLAND	2008	1	AES Helixchanger	220/190	24/35	CS	26 780	ASME + PED UDT
LURGI S.A. - LOTOS S.A. Gdańsk, POLAND	2008	1	AES Helixchanger	220/190	24/35	CS	27 400	ASME + PED UDT
LURGI S.A. - LOTOS S.A. Gdańsk, POLAND	2008	1	AES Helixchanger	200/180	24/35	CS	22 800	ASME + PED UDT
LURGI S.A. - LOTOS S.A. Gdańsk, POLAND	2008	1	AES Helixchanger	200/180	24/35	CS	23 100	ASME + PED UDT
STROYTRANSGAZ RUSSIA LUKOIL Volgograd NIZHNEVOLZHSKNEFT	2008	2	DEU	150/165	155/10	CS SS (Duplex)	7 400	ASME QC / CLIENT (GOST R)
STROYTRANSGAZ RUSSIA LUKOIL Volgograd NIZHNEVOLZHSKNEFT	2008	3	BEU	155/120	53/10	CS SS	10 150	ASME QC / CLIENT (GOST R)
STROYTRANSGAZ RUSSIA LUKOIL Volgograd NIZHNEVOLZHSKNEFT	2008	3	CEU	140/120	175/110	CS	9 700	ASME QC / CLIENT (GOST R)
STROYTRANSGAZ RUSSIA LUKOIL Volgograd NIZHNEVOLZHSKNEFT RUSSIA for Yu,Korchagin Platform CASPIAN SEA	2008	6	CEU	140/120	95/10	CS	8 500	ASME QC / CLIENT (GOST R)
STROYTRANSGAZ RUSSIA LUKOIL Volgograd NIZHNEVOLZHSKNEFT RUSSIA for Yu,Korchagin Platform CASPIAN SEA	2007	2	AEL	150/165	10/10	CS	4 300	ASME QC / CLIENT (GOST R)
STROYTRANSGAZ RUSSIA LUKOIL Volgograd NIZHNEVOLZHSKNEFT RUSSIA for Yu,Korchagin Platform CASPIAN SEA	2007	4	AES	100/100	13,5/17,5	CS	11 500	ASME QC / CLIENT (GOST R)
ALLARDS International Ltd SCOTLAND	2007	2	Heat Exchangers	105	93,6	CS A240- UNS 31803	35 000	EN13445+PED LLOYD'S REGISTER
ENTROPIE SAS FRANCE	2007	3	Desalination Units	270	18	SS CS A240- UNS 31803	160 000	ASME VIII Div. 1 Bureau Veritas
ALSTOM POWER Power Plant Łagisza POLAND	2007	2	Water-water Cooler	50/50	6/10	CS, SS	8 810	PED+EN13445 UDT
ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	LP Heater	180/300	42/9	CS, SS	9 900	PED+EN13445 UDT
ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	LP Heater	170/210	42/5	CS, SS	11 500	PED+EN13445 UDT
ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	LP Heater	170/110	42/2	CS, SS	11 750	PED+EN13445 UDT
ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	LP Heater	170/100	42/2	CS, SS	13 250	PED+EN13445 UDT

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ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	HP 1	310/500	362/37	CS	21 900	PED+EN13445 UDT
ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	HP 2	310/307	362/87	CS	45 700	PED+EN13445 UDT
ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	HP 3	310/285	362/68	CS	57 400	PED+EN13445 UDT
ALSTOM POWER Power Plant ŁAGISZA POLAND	2007	1	HP 4	310/250	326/37	CS	47 500	PED+EN13445 UDT
Balcke-Dürr GmbH GERMANY Siemens AG Power Generation Framatome ANP for Nuclear Power Plant OLKILUOTO III FINLAND	2006	1	LP Condensate Cooler	121/121	2/34	SS/CS	30/100	PED 97/23/EC +EN13445 Modul H1
Balcke-Dürr GmbH GERMANY Siemens AG Power Generation Framatome ANP for Nuclear Power Plant OLKILUOTO III FINLAND	2006	1	LP Feedwater Heater	219/152	4/34	SS/CS+ Cladding /CS	95 100	PED 97/23/EC +EN13445 Modul H1
Balcke-Dürr GmbH GERMANY Siemens AG Power Generation Framatome ANP for Nuclear Power Plant OLKILUOTO III FINLAND	2006	1	LP Feedwater Heater	149/134	2/34	SS/CS+ Cladding /CS	86 600	PED 97/23/EC +EN13445 Modul H1
Balcke-Dürr GmbH GERMANY Siemens AG Power Generation Framatome ANP for Nuclear Power Plant OLKILUOTO III FINLAND	2006	3	LP Feedwater Heater	120/120	1/34	Low alloy /CS+ Cladding /CS	121 000	PED 97/23/EC +EN13445 Modul H1
WEIR ENTROPIE SAS L'Etang la Ville, FRANCE	2005	1	(AEL) Absorption Chiller	200/150	16/FV	CuNi90-10 Duplex SAF2205 C-Steel	47 000	PED/AD-Merkblatt TÜV-CE
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2005	1	AEU	200/380	2,5/1,4	C-Steel	9 450	PED+WUDT2003 UDT-CE
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2005	1	AES	95/55	7,0/FV 6,0	C-Steel	3 270	PED+WUDT2003 UDT-CE
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2005	1	AES Helixchanger	100/150	8,0/3,0	C-Steel	3 500	PED+WUDT2003 UDT-CE
Chemical Plant ZACHEM S.A. Bydgoszcz POLAND	2005	1	-EM	600/420	7,0	10CrMo 9-10	10 700	WUDT 2003 UDT
ANWIL S.A. Vinyl Polichloride Plant Włocławek POLAND	2005	1	-EM Helixchanger	177	3,5/FV 8,8/FV	C-Steel	15 150	WUDT 2003 UDT
RIN HEAT OY FINLAND	2004	1	BEM Evaporator	110	0,5/FV	SS-Steel	76 100	AD 2000 TÜV
RIN HEAT OY FINLAND	2004	1	BEM Evaporator	110	0,5/FV	SS-Steel	79 440	AD 2000 TÜV
RIN HEAT OY FINLAND	2004	1	BEM Evaporator	110	0,5/FV	SS-Steel	62 450	AD 2000 TÜV
RIN HEAT OY FINLAND	2004	1	BEM Evaporator	110	0,5/FV	SS-Steel	52 560	AD 2000 TÜV
WEIR ENTROPIE SAS L'Etang la Ville, FRANCE	2004	6	AEL Absorption Chiller	85/75	25/FV	CuNi90-10 C-Steel	45 000	PED / AD-Merkblatt TÜV-CE
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AKU	180/250	10/14	12CrMo 19-5V	15 100	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AES	390/320	18/25	12CrMo 19-5V	15 700	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AES	380/320	17/25	12CrMo 19-5V	17 700	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AES	311/390	25/18	12CrMo 19-5V	16 260	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AES	311/390	25/18	C-Steel 12CrMo 19-5	33 200	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	BEU	221/305	14,3/17,9	C-Steel	13 750	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	BEU	221/305	30,1/26	C-Steel	14 900	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	BEU	221/305	30,1/26	C-Steel	10 400	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	BEU	330/396	30,1/26	C-Steel X5CrNiMo 17 12 2	15 500	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	BEU	330/396	30,1/26	C-Steel X5CrNiMo 17 12 2	14 150	PED+WUDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AES Helixchanger	62/276	23,7/18,2	C-Steel	9 000	PED+WUDT UDT

End User Company Name	Year	Quantity [pcs]	Name	Temp. [°C]	Pressure [bar]	Material	Weight [kg]	Code Inspection
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AES Helixchager	165/197	27,5/16,5	C-Steel	16 900	PED+WUDDT UDT
LOTOS S.A. Oil Refinery Gdańsk, POLAND	2004	1	AES Helixchager	130/167	23,7/16,5	C-Steel	18 000	PED+WUDDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AEL	215/215	12/13,5	C-Steel	15 600	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	H-AEM	350/205	20/14	C-Steel	8 482	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	BEM	260/80	27,1/27,1	C-Steel	9 830	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AXM	70/120	20,2/16,9	C-Steel	58 230	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	BEM	260/-45 65/115	25,6/25,6	C-Steel	2 700	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AHS	80/120	27,1/18,1	C-Steel	32 250	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	BKM	65/65 -45/-45	20,8/41,8	C-Steel	5 600	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AJS Helixchanger	120/65	12/10	SS- 1.4541 C-Steel	22 200	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AJS Helixchanger	120/65	7,1/10	SS- 1.4541 C-Steel	18 300	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AES	185/65	14/10	SS- 1.4541 C-Steel	5 760	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AES	85/120	21,6/16,9	C-Steel	8 700	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AES	100/65	9,1/10	SS- 1.4541 C-Steel	2 900	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	BEU	205/350	8,9/19,6	C-Steel	3 190	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	BES	165/150	33/40	C-Steel	4 830	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	BJM	85/120	38/25,4	C-Steel	4 200	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AJM	70/65	18,3/12,2	SS-1.4541 C-Steel	48 550	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	2	AEU	150/260	6,6/9,8	C-Steel	1 750	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	BEL	260/95	14,1/14,1	C-Steel	1 830	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	2	AES	150/175	15/22	C-Steel	6 000	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AKU	310/350	10/20	C-Steel	37 800	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AEM	85/120	20,8/16,9	C-Steel	1 640	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2004	1	AEL	350/350	20/13,4	C-Steel	10 420	PED+AD 2000 UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2004	1	AES	215/175	33/38	C-Steel	11 640	PED+AD 2000 UDT
WEIR ENTROPIE SAS L'Etang la Ville, FRANCE	2004	6	AEL Absorption Chiller	85/75	25/-1	CuNi 90-10 C-Steel	45 000	PED / AD-Merkblatt TÜV-CE
LOTOS Group Oil Refinery Gdańsk, POLAND	2003	1	BJU	165/165	3,5/10	1.4404/ 1.4462 (Duplex 2205)	16 220	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BKU	65/-45	21,2/41,8	C-Steel	11 700	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BKU	60/-110	7/41,7	C-Steel	8 000	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AEM	350/200	20/14	C-Steel	8 700	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	2	AEM	240/95	14,1/14,1	C-Steel	2 000	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	2	AES	180/155	20/13,4	C-Steel	21 900	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AEL	350/220	19,6/13,1	C-Steel	9 200	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	2	BES	165/125	33/40	C-Steel	4 500	UDT UDT

End User Company Name	Year	Quantity [pcs]	Name	Temp. [°C]	Pressure [bar]	Material	Weight [kg]	Code Inspection
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BKU	60/-45	23,8/15,9	C-Steel	32 200	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BEM	240/80	18,1/27,1	C-Steel	9 100	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	-EM	65/95	14,3/17,9	C-Steel	6 000	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	2	AEM	240/95	12,9/19,3	C-Steel	8 900	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	2	BEM	115/-29	25,6/25,6	C-Steel	10 500	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BEM	240/115 /-45	17,1/25,6	C-Steel	2 300	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BKM	60/-45	19/41,8	C-Steel	3 300	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BKU	60/-45	7,2/41,8	C-Steel	14 700	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AXS	120/120	11,1/18,2	C-Steel	3 900	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BKU	60/65	7,2/41,8	C-Steel	11 400	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AEM	85/120	20,8/16,9	C-Steel	1 000	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AFS	185/120	13/16,9	C-Steel	5 400	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AES	85/120	21,6/14,4	C-Steel	8 200	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BES Helixchanger	120/65	41,8/27,9	SS- 1.4541 C-Steel	18 700	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	2	AJS Helixchanger	120/65	21/14	SS- 1.4541 C-Steel	16 300	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AJS Helixchanger	120/65	11,2/10	SS- 1.4541 C-Steel	20 800	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AJS Helixchanger	120/65	6,2/10	SS- 1.4541 C-Steel	16 300	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	AJS Helixchanger	120/65	4,6/10	SS- 1.4541 C-Steel	22 000	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BGU	215/350	14/20	C-Steel	5 600	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	1	BEM	350/194	20/14	C-Steel	35 900	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock, POLAND	2003	2	AJM	100/65	19,6/13,1	C-Steel	35 100	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2003	2	AJM	70/65	18,3/12,2	C-Steel	51 500	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2003	1	AXM	70/120	20,2/13,8	C-Steel	55 300	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2003	2	BEM	65/-29	38/41,8	C-Steel	16 400	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2003	1	AEM	95/65	17,9/12	SS- 1.4541 C-Steel	72 400	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2003	1	AHS	80/120	27,1/18,1	C-Steel	36 600	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2003	1	AES	140/190	13/20	C-Steel	20 700	UDT UDT
ABB Lummus Global GERMANY Oil Refinery Plock POLAND	2003	3	AEL	350/196	19,6/12,1	C-Steel	26 600	UDT UDT
ALSTOM POWER Power Plant TURÓW 6 POLAND	2003	2	AEM	33/37	5/10	SS-Steel C-Steel	8 100	UDT UDT
ALSTOM POWER Power Plant TURÓW 6 POLAND	2003	1	WP 7	270/450	320/52	C-Steel	30 400	UDT UDT
ALSTOM POWER Power Plant TURÓW 6 POLAND	2003	1	WP 6	240/290	320/27	C-Steel	26 300	UDT UDT
ALSTOM POWER Power Plant PAŃNÓW POLAND	2002	1	LP	280/160	8/63	C-Steel SS-Steel	15 450	UDT UDT
ALSTOM POWER Power Plant PAŃNÓW POLAND	2002	1	LP	170/160	3/63	C-Steel SS-Steel	17 970	UDT UDT
ALSTOM POWER Power Plant PAŃNÓW POLAND	2002	1	LP	120/160	2/63	C-Steel SS-Steel	13 680	UDT UDT

End User Company Name	Year	Quantity [pcs]	Name	Temp. [°C]	Pressure [bar]	Material	Weight [kg]	Code Inspection
ALSTOM POWER Power Plant PAŃNÓW POLAND	2002	2	LP	100/100	1/63	C-Steel	19 900	UDT UDT
ALSTOM POWER Power Plant PAŃNÓW POLAND	2002	1	WP 3	300/490	345/36	C-Steel	17 700	UDT UDT
ALSTOM POWER Power Plant PAŃNÓW POLAND	2002	1	WP 2	300/405	345/65	C-Steel	70 600	UDT UDT
ALSTOM POWER Power Plant PAŃNÓW POLAND	2002	1	WP 1	300/310	345/36	C-Steel	55 800	UDT UDT
ALSTOM POWER Power Plant TURÓW 4 POLAND	2002	2	AEM	33/37	5/10	SS-Steel C-Steel	8 100	UDT UDT
ALSTOM POWER Power Plant TURÓW 4 POLAND	2002	1	WP 7	270/450	320/52	C-Steel	30 400	UDT UDT
ALSTOM POWER Power Plant TURÓW 4 POLAND	2002	1	WP 6	240/490	320/27	C-Steel	26 300	UDT UDT
EC Lublin Power Plant WROTKÓW POLAND	2001	1	BEU	175/50	28/8	SS-Steel C-Steel	2 420	UDT UDTs
ALSTOM POWER Power Plant TURÓW 5 POLAND	2001	2	AEM	33/37	5/10	SS-Steel C-Steel	8 100	UDT UDT
ALSTOM POWER Power Plant TURÓW 5 POLAND	2001	1	WP 7	270/450	320/52	C-Steel	30 400	UDT UDT
ALSTOM POWER Power Plant TURÓW 5 POLAND	2001	1	WP 6	240/490	320/27	C-Steel	26 300	UDT UDT
Paper Factory FRANTSCHACH Świecie, POLAND	2001	1	BFU	120/120	10/10	SS-Steel C-Steel	242	UDT UDT
Paper Factory FRANTSCHACH Świecie, POLAND	2001	1	BEU	120/180	10/6	SS-Steel C-Steel	3 900	UDT UDT
Paper Factory FRANTSCHACH Świecie POLAND	2001	1	BEU	120/180	10/6	SS-Steel C-Steel	1 530	UDT UDT
Paper Factory FRANTSCHACH Świecie, POLAND	2001	1	BEU	120/180	4/6,5	SS-Steel C-Steel	1 550	UDT UDT
NYNAS UK AB Refinery GREAT BRITAIN	2000	1	AEU	330/240	10,5/10	C-Steel	2 500	ASME LLOYD'S REGISTER (U-STAMP)
NYNAS UK AB Refinery GREAT BRITAIN	2000	1	AEU	210/65	10/7	C-Steel Duplex	4 300	ASME LLOYD'S REGISTER (U-STAMP)