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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code		kg	Ø mm	T/T,H/H	m3	Year
PL811	S-1636-1637	AIR PURIFICATION VESSEL, 2 PCS	Air Liquide/Polargas	Adsorber	CS	+15...-40	6,5/0 bar	EN13445	PED		3500		102,7	2006
PL841	S-1732	STEAM BLOW BACK VESSEL	SNC-Lavalin	Autoclave	CS	0...+230	32/-1bar	EN13445	PED	1900	1000		1,6	2007
PL841	S-1733	OXYGEN BLOW BACK VESSEL	SNC-Lavalin	Autoclave	1.4404	0...+230	32/-1bar	EN13445	PED	1900	1000		1,6	2007
PL841	S-1659	OXIDATION AUTOCLAVE	DSB Säurebau GmbH	Autoclave	CS	0...+210	29/-1 bar	EN13445	PED 97/23/EC	192000	3880		215,0	2007
KY770	S-1560	AUTOCLAVE	Teknikum Oy	Autoclave		0...200	10/-1 bar				610	42000	11,5	2005
MH761	S-1572	EVAPORATOR 1 A	Kvaerner Power Oy	Evaporator		0...+200	5/-1 bar	PED/97/23/E	EN13445		3800/4200		97,5	2005
MH715	S-1499	HEAVY LIQUOR STORAGE TANK	Kvaerner Pulping Ab	Evaporator		0...+160	2/-1 bar	PED/97/23/E	EN13445		4750		320,0	2004
MH715	S-1498	EFFECT 1 A/B/C/D	Kvaerner Pulping Ab	Evaporator		165	-1/3,5 bar	PED/97/23/E	EN13445		3300		59,5	2004
MH715	S-1497	SURFACE CONDENSER	Kvaerner Pulping Ab	Evaporator		0...+120	-1/0,5 bar	PED/97/23/E	EN13445		4700		304,0	2004
MH678	S-1461	EVAPORATOR 1B	Andritz Oy	Evaporator		20/160	5/-1 bar	PED/97/23/E	EN13445		6000		348,6	2003
MH678	S-1460	EVAPORATOR 1A	Andritz Oy	Evaporator		20/160	5/-1 bar	PED/97/23/E	EN13445		6000		351,5	2003
JH909	S-1751	WATER TANK	KPA Unicon Oy	Feed Water Tank	1.4307	0...100	ATM		GOST-R	2000	3000		49,5	2009
KY868	S-1698	FEED WATER TANK	Anditz Oy	Feed Water Tank	CS	0...+200	5,0/-1 bar		ASME VIII Div.1	2500	3500		115,0	2007
MH863	S-1679	HYDROTREATING FEED DRUM	Neste Oil Oyj	Feed Water Tank		0...+240	6/-1bar	EN13445	PED	2200	1600		6,7	2008
MH863	S-1680	HP/LP SEPARATOR	Neste Oil Oyj	Feed Water Tank		0...+200	59/-1 bar	EN13445	PED 97/23/EC	16200	2000		22,4	2008
MH863	S-1681	SOUR WATER DRUM	Neste Oil Oyj	Feed Water Tank		0...+200	8,5/-1 bar	EN13445	PED	1050	1000		1,6	2008
MH863	S-1682	ANTISTATIC AGENT FEED VESSEL	Neste Oil Oyj	Feed Water Tank		-40...+110	2/-1 bar	EN13445	PED 97/23/EC	900	1000		1,4	2008
MH863	S-1683	RICH AMINE FLASH DRUM	Neste Oil Oyj	Feed Water Tank		0...+100	6/-1 bar	EN13445	PED 97/23/EC	15000	1200		1,2	2008
KY857	S-1695	FEED WATER TANK	Foster Wheeler Oy	Feed Water Tank		0...+200	3,0/-1,0	EN13445	PED 97/23/EC	12500	2800		7,9	2007
KY837	S-1647	LAUHDESÄILIÖ	UPM-Kymmene Oy	Feed Water Tank		0...+200	-1/5 bar	EN13445	PED 97/23/EC		4400		219,0	2007
KY833	S-1655	FEED WATER TANK	Kvaerner Power Oy	Feed Water Tank	CS	0...+200	5/-1 bar	EN13445	PED 97/23/EC	67000	5000		485,0	2007
PL832	S-1654	HYDROCYCLONE VESSEL	Petresco International Ltd	Feed Water Tank	1.4462	-10/+20	25,5 bar	EN13445	Test group 1,0	3800	914		1,0	2007
KY810	S-1624	FEED WATER TANK	Foster Wheeler EnergiaOy	Feed Water Tank		0...+250	-1/10 bar	EN13445	PED/97/23/EC		3500		125,5	2006
KY797	S-1596	FEED WATER TANK	Anditz Oy	Feed Water Tank		0...+20	-1/5 bar	EN13446	PED/97/23/EC		5000			2006
MH784	S-1586	CONDENSER	Kvaerner Power Oy	Feed Water Tank		0...+120	-1/1 bar	EN13445-3,	PED 97/23/EC		1900/2600		24,0	2005
MH766	S-1559	FEED WATER TANK	Anditz Oy	Feed Water Tank		0...200	5/-1 bar	EN134445	PED 97/23/EC		5600		600,0	2005
KY729	S-1523-1524	MEASURING CHAMBER 1 AND 2	Kvaerner Power Oy	Feed Water Tank		200	6 bar	PED/97/23/E	EN13445		168,3		0,1	2004
KY729	S-1518	FEED WATER TANK	Kvaerner Power Oy	Feed Water Tank		0...200	-1/6 bar	PED/97/23/E	EN13445		5000		385,0	2004
KY728	S-1506-1508	VEDENEROTUSSÄILIÖT, 3 KPL	Metsä-Botnia Oy Ab	Feed Water Tank		0...+100	14/-1 bar	PED/97/23/E	EN13445		600		0,6	2004
MH724	S-1508	COLUMN	Kemira Oy	Feed Water Tank		0...+175	5/-1 bar	PED/97/23/E	EN13445		1316		28,3	2004
MH724	S-1509	COLUMN	Kemira Oy	Feed Water Tank		-40...+150	5/-1 bar	PED/97/23/E	EN13445		1546		47,4	2004
KY723	S-1502	DISPERSION WATER TANK	Vesi-Pauli Oy	Feed Water Tank		0...+40	-1...11 bar	PED/97/23/E	EN13445		1500		4,0	2004
MH681	S-1465	FEED WATER TANK	Andritz Oy	Feed Water Tank		0...+200	5/-1 bar	PED	EN13445		4500		285,0	2003



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KY680	S-1466	REBOILER	Andritz Oy	Feed Water Tank		120	6/-1 bar	PED/97/23/E EN13445		2000		29,8	2003
KY680	S-1462	FEED WATER PREHEATER 2	Andritz Oy	Feed Water Tank		0...+160	8/-1 bar	PED EN13445		355,6		0,5	2003
KY680	S-1463	FEED WATER PREHEATER 3	Andritz Oy	Feed Water Tank		0...+160	8/-1 bar	PED EN13445		406,4		0,5	2003
KY680	S-1464	FEED WATER PREHEATER 4	Andritz Oy	Feed Water Tank		0...+160	8/-1 bar	PED EN13445		355,6		0,4	2003
KY670	S-1453	FEED WATER TANK	Andritz Oy	Feed Water Tank		0...+250	5/-1 bar	PED/97/23/E AD2000		5000		350,0	2003
MH655	S-1448	FEED WATER TANK	Kvaerner Pulping Oy	Feed Water Tank		+20...+250	5/-1 bar	PED/97/23/E EN13445		5500		450,0	2002
KY627	S-1391	PINTASÄILIÖ	Metsä-Botnia Oy Ab	Feed Water Tank		0...+150	3 bar			2600		14,6	2001
PL533	S-1260	FEED WATER TANK	Tamentec Oy	Feed Water Tank	CS	0...+250	5/-1 bar			3600		120,0	1999
KY532	S-1242,1243	BLOW DOWN TANK, 2 PCS	Foster Wheeler Energia Oy	Feed Water Tank		0...+300	4 bar	CEOC		1700		5,0	1999
KY532	S-1244	CONTINUOUS BLOW DOWN TANK	Foster Wheeler Energia Oy	Feed Water Tank		0...+184	10 bar	CEOC		1200		2,0	1999
PL487	S-1209	FEED WATER TANK AND DEAERATOR	Foster Wheeler Energia Oy	Feed Water Tank	CS	0...+204	13 bar			2200		60,0	1999
PL483	S-1191	UTBLÄSNINGTANK	Kvaerner Pulping Oy	Feed Water Tank	CS	0...+165	6 bar			1500			1998
PL483	S-1192	KYLVATTENTANK	Kvaerner Pulping Oy	Feed Water Tank	CS	0...+120	2 bar			1200			1998
PL483	S-1169	KONTIN. UTBLÄSNINGTANK	Kvaerner Pulping Oy	Feed Water Tank	CS	0...+210	16/-1 bar			1200		2,0	1998
PL363	S-952	FEED WATER TANK AND DEAERATOR	Värme Ekonomi	Feed Water Tank		0...+120	1 bar			1000		2,0	1996
JH932	S-1789	CONDENSER (BRATSK, VENÄJÄ)	Metso Power Oy	Heat Exchanger	CS/SS	0...100	10 bar	EN13445	12,5 tn	1750			2010
JH928		HEAT EXCHANGER	Metso Power Oy	Heat Exchanger	1.4307	100/0	6/-1 bar	EN13445	15 tn	1750	6500		2010
JH926		HEAT EXCHANGER	Kemira Oyj	Heat Exchanger		0...+300	atm.	SFS-standars		4000		38,0	2009
JH925	S-1777-S-176	HEAT EXCHANGERS	Neste Oil Oyj	Heat Exchanger	CS/duplex								2009
PL916	S-1775, S-174	HEAT EXCHANGER	Neste Oil Oyj	Heat Exchanger	CS								2009
PL908	S-1767, S-174	HEAT EXCHANGER	Neste Oil Oyj	Heat Exchanger									
JH904		PREHEATER	Rautaruukki Oyj	Heat Exchanger	SMO								2008
JH902	S-1744	TUBE CONDENSER	Metso Power Oy	Heat Exchanger	CS	0...100	8 bar	EN13445	3500	850	6000	3,4	2008
PL895	S-1749	LTO-EXCHANGER 2 MW	Rautaruukki Oyj	Heat Exchanger	CS	0...120	16	EN13445	7900	1270			2008
PL872	S-1717	PREHEATER	DSB Säurebau GmbH	Heat Exchanger	1.4410	156	3,5/-1 bar	ASME Div.VIII		3600		142,0	2008
KY864	S-1693	TUBE HEAT EXCHANGER	Metso Power Oy	Heat Exchanger		+120/0	16/0	EN13445	38500	2950		21,1	2008
KY845	S-1670	VENT GAS CONDENSER	Metso Power Oy	Heat Exchanger		+20...100	6/-1	EN13445	20000	1916		9,6	2007
KY844	S-1669	FUEL GAS CONDENSER	Metso Power Oy	Heat Exchanger		+20...120	16/0	EN13445	12600	1700		8,5	2007
PL839	S-1656	HEAT EXCHANGER	Metsä-Botnia Oy Ab	Heat Exchanger	1.4432	0...+120	6/-1 bar	EN13445	7750	1000		3,4	2007
KY836	S-1640	HEAT EXCHANGER, REPAIR WORKS	UPM-Kymmene Oy	Heat Exchanger		0...+200	6 bar	EN13445		700		0,5	2007
PL826	S-1633	HYDROGENERATOR COOLER	Sweco Pic oy	Heat Exchanger		0...+100	8/0 bar	EN13445		1100		1,2	2006
MH820	S-1611	PURE ASETONE COLUMN	Borealis Oy	Heat Exchanger		+135/0	7/-1 bar	EN13445		2600		242,0	2007
MH820	S-1612	OXIDATION REACTOR	Borealis Oy	Heat Exchanger		+160/0	10/-1 bar	EN13445		5000		474,0	



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code		kg	Ø mm	T/T,H/H	m3	Year
MH818	S-1616	COOLER P-5-11	Finnish Chemicals Oy	Heat Exchanger		0...+120	6/-1 bar	EN13445	PED 97/23/EC		457		0,3	2006
MH818	S-1617	COOLER P-5-13	Finnish Chemicals Oy	Heat Exchanger		0...+120	6/-1 bar	EN13445	PED 97/23/EC		219,1		0,1	2006
KY817	S-1627	CSC-KATTILA	Primet Oy	Heat Exchanger		195/0	13/0 bar	EN13445			1716			2006
KY817	S-1620	CSC-KATTILA	Primet Oy	Heat Exchanger		194	13/0 bar	EN13445			2000			2006
PL815	S-1618	BLACK/WHITE LIQUOR EXCHANGER	Sahala Works	Heat Exchanger	1.4301	+180/+20	15/-1 bar	EN13445	PED 97/23/EC		750		2,3	2006
PL815	S-1613	BLACK LIQUOR COOLER	Sahala Works	Heat Exchanger	1.4301	120/20	10,2/-1 bar	EN13445	PED 97/23/EC		850		1,9	2006
PL815	S-1614	CD2 CIRCULATION HEATER	Sahala Works	Heat Exchanger	1.4301	250/20	16/-1 bar	EN13445	PED 97/23/EC		900/1200		2,4	2006
PL815	S-1615	COLD BLOW COOLER	Sahala Works	Heat Exchanger	1.4301	120/20	10,2/-1 bar	EN13445	PED 97/23/EC		550		0,9	2006
PL815	S-1609	COLD BLOW COOLER	Sahala Works	Heat Exchanger	1.4301	100/20	10/-1 bar	EN13445	PED 97/23/EC		800		0,3	2006
PL815	S-1610	FLASH STEAM CONDENSER	Sahala Works	Heat Exchanger	1.4301	100/20	10/-1 bar	EN13445	PED 97/23/EC		1250		0,6	2006
MH812	S-1608	EFFECT E101	Kvaerner Power Oy	Heat Exchanger		150/0	3/-1 bar	EN13445	PED 97/23/EC		2900		97,0	2006
PL811	S-1634	BOOSTER AFTER COOLER	Air Liquide/Polargas	Heat Exchanger	CS	+110/0	11/0 bar	EN13445	PED/97/23/EC		457		0,9	2006
KY801	S-1595	KAASUNPOISTIN	UPM-Kymmene Oy	Heat Exchanger		0...+200	-1/5 bar	EN13445-3/-4			1600/1400		6,5	2006
MH798	S-1601	HEAT EXCHANGER	Kvaerner Power Oy	Heat Exchanger		0...+200	5/-1 bar	EN13445	PED/97/23/EC		1400		14,3	2006
MH798	S-1602	SUPER CONDENSATOR	Kvaerner Power Oy	Heat Exchanger		-20...+200	5/-1 bar	EN13445	PED/97/23/EC		3100		147,0	2006
KY775	S-1556	KUUMAVESILÄMMÖNSIIRIN	Metsä-Botnia Oy Ab	Heat Exchanger		0...120	2/-1 bar	EN13445	PED 97/23/EC		650		1,5	2005
KY775	S-1557	VIHERLIPEÄHÖNGÄN LAUHDUTIN	Metsä-Botnia Oy Ab	Heat Exchanger		0/120	5/-1 bar	EN13445	PED 97/23/EC		1100		3,1	2005
KY760	S-1550	WASTE HEAT BOILER	Fortum Oil Oy	Heat Exchanger		230/0	23,2 bar	PED/97/23/E	EN13445		2450		19,0	2005
KY760	S-1551	SULFUR CONDENSER	Fortum Oil Oy	Heat Exchanger		220/0	10/-1 bar	PED/97/23/E	EN13445		2000		21,7	2005
KY760	S-1552	SULFUR CONDENSER	Fortum Oil Oy	Heat Exchanger		220...0	10/-1 bar	PED/97/23/E	EN13445		1350		10,4	2005
PL747	S-1538	MUSTALIFEÄ LÄMMÖNVAIH DIN	Metsä-Botnia Oy Ab	Heat Exchanger	1.4432	150/0	10/-1 bar	PED/97/23/E	EN13445		650		1,3	2004
PL747	S-1539	JÄLKIKEITTIMEN JÄÄHDY TIN	Metsä-Botnia Oy Ab	Heat Exchanger	1.4432	0...+120	-1/5 bar	PED/97/23/E	EN13445		350		0,3	2004
PL747	S-1540	PUSKUSÄILIÖN LM-JÄÄHDY TIN	Metsä-Botnia Oy Ab	Heat Exchanger	1.4432	0...+120	10/-1 bar	PED/97/23/E	EN13445		219,1		0,1	2004
PL747	S-1522	PUSKUHÖNKÄLAUHDUTIN	Metsä-Botnia Oy Ab	Heat Exchanger	1.4432	0...+250	-1/6 bar	PED/97/23/E	EN13445		1000		1,5	2004
PL747	S-1524	HÖNKÄLÄMMÖNVAIH DIN	Metsä-Botnia Oy Ab	Heat Exchanger	1.4432	0...+250	-1...+5 bar	PED/97/23/E	EN13445		700		0,4	2004
KY726	S-1505	FW DEAERATOR	Vesi-Pauli Oy	Heat Exchanger		0...+160	4/-1 bar	PED/97/23/E	EN13445		2000		10,1	2004
PL717	S-1496	HEAT EXCHANGER	Anditz Oy	Heat Exchanger	1.4432	0...+250	5/-1 bar	PED/97/23/E	EN13445		450		0,2	2003
MH714	S-1511	HEAT EXCHANGER	Kemira Oyj	Heat Exchanger		0...+300	atm.	SFS-standars			4000		38,0	2004
PL683	S-1471	KÄYTTÖVEDEN LÄMMÖNVAIH DIN	Metsä-Botnia Oy Ab	Heat Exchanger	1.4301	+20...+120	0...16 bar	PED/97/23/E	EN13445		273		0,1	2003
PL683	S-1467	JÄLKILAUHDUTIN	Metsä-Botnia Oy Ab	Heat Exchanger	1.4432	0...+150	3/-1 bar	PED	EN13445		1150		9,0	2003
MH600	S-1362	REBOILER	Rinheat Oy	Heat Exchanger		0...+250	6/-1 bar				3250		43,2	2000
KY562	S-1305,1306	HEAT EXCHANGER, 2 PCS	Kvaerner Pulping Oy	Heat Exchanger		200	25 bar				323,9		0,2	2000
KY562	S-1308	HÖNGÄNPOISTOSÄILIÖ	Kvaerner Pulping Oy	Heat Exchanger		320	0,5 bar				406,4		0,2	2000



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
KY557	S-1273,1274	SUCTION HEAT EXCHANGERS, 2 PCS	Fortum Engineering	Heat Exchanger		0...+100	16 bar	CEOC		406,4		0,3	2000
MH541	S-1247,1246	DROPLET SEPARATOR	Kvaerner Pulping Oy	Heat Exchanger		0...+250	6 bar	CEOC		600		0,3	1999
MH541	S-1249,1250	FLAME ARRESTER	Kvaerner Pulping Oy	Heat Exchanger		0...+250	6 bar			273/168,3		0,1	1999
KY540	S-1245	KAUKOLÄMPÖSUODATIN	Espoon Sähkö Oy	Heat Exchanger		0...+120	16 bar			750		0,6	1999
PL510	S-1222,1223	EXCHANGERS, 2 PCS	YIT-Yhtymä	Heat Exchanger		0...+50	10 bar			1600		6,9	1999
MH490		HEAT EXCHANGERS	Kemira Chemicals Oy	Heat Exchanger									1999
MH485	S-1211	PRE-HEATER	Kvaerner Paladon	Heat Exchanger	CS	-20/+180	15 bar			1200		4,2	1999
MH485	S-1212	HEATER	Kvaerner Paladon	Heat Exchanger	CS	-20/+180	15 bar			1200		2,5	1999
MH471	S-1196	HEAT EXCANGER ECONOMIZER	Carat Processteknik Ab	Heat Exchanger			68 bar						1998
MH471	S-1197	HEAT EXCHANGER BOILER	Carat Processteknik Ab	Heat Exchanger			47 bar						1998
MH471	S-1198	HEAT EXCHANGER SUPERHEATER	Carat Processteknik Ab	Heat Exchanger			54 bar						1998
PL464	S-1130	HEAT EXCHANGER	PVO-Lämpövoima Oy	Heat Exchanger		0...+260	6/-1 bar			900/1100		1,7	1998
PL462	S-1131,1132	ECONOMIZER, 2 PCS	KPA-Unicon Oy	Heat Exchanger		0...+150	20 bar					0,0	1998
PL458	S-1133	GLYKOLILÄMMÖNVAIHDIN	Metsä-Botnia Oy Ab	Heat Exchanger		0...+115	16 bar					0,6	1998
PL458	S-1125	LAUHTENJÄÄHDYTIM	Metsä-Botnia Oy Ab	Heat Exchanger		0...+160	16 bar			450		0,3	1998
MH445		HEAT EXCHANGER	Kemira Chemicals Oy	Heat Exchanger									1998
MH444		POLTTOILMAN ESILÄMMITIN	Rautaruukki Oy	Heat Exchanger									1998
MH441	S-1099	HEAT EXCHANGER	Metsä-Rauma Oy Ab	Heat Exchanger		0...+110	6 bar			700		1,5	1998
MH398		HEAT EXCHANGER	Kvaerner Pulping Oy	Heat Exchanger									1997
MH389	S-982	APULAUHDUTIN	Metsä-Rauma Oy Ab	Heat Exchanger		0...+120	7 bar			1250		2,1	1997
PL379	S-950	HEAT EXCHANGER	Metsä-Botnia Oy Ab	Heat Exchanger		250	5bar			355		0,2	1996
PL372	S-942	HEAT EXCHANGER	Myllykoski Paper Oy	Heat Exchanger		0...+250	14 bar			712/872		0,7	1996
MH357		HEAT EXCHANGERS	Finnish Peroxides Oy Ab	Heat Exchanger									1996
PL341	S-890,891	HEAT EXCHANGER, 2 PCS	Steamservice Oy	Heat Exchanger		120	25 bar			219,1		0,1	1996
MH332		VAIHTIMET JA SÄILIÖT	Tampella Power Oy	Heat Exchanger									1996
PL880	S-1700	HEAT EXCHANGER	Polargas Oy	Heat Exchanger	1.4432								2008
MH831	S-1642	COMBUSTION AIR PREHEATER	Neste Oil Oyj	Preheater		-30/+30	4 Kpa						2007
MH831	S-1641	COMBUSTION AIR PREHEATER	Neste Oil Oyj	Preheater		150->260	4 Kpa						2007
PL924	S-1772	HP-FLASH, NAANTALI	Neste Oil Oyj	Pressure Vessel	CS	-29/200	33,5 bar	EN134455				11,5	2010
JH921	S-1770	GAS SCRUBBER (PESURI)	Ovako Wire Oy	Pressure Vessel	CS	0...150	0,8 bar	PD		41 tn		250,0	2009
JH918	S-1769	TUHKALÄHETIN	PVO Lämpövoima Oy	Pressure Vessel	CS	1...120	6 bar	EN13345		500	1000	1,0	2009
JH909	S-1752	BLOW DOWN TANK	KPA Unicon Oy	Pressure Vessel	CS	115/0	0,7/0 bar	EN13445	GOST-R +RTN	1000	800	1,8	2009
JH909	S-1753	CONTINUOUS BLOW DOWN TANK	KPA Unicon Oy	Pressure Vessel	CS	184/0	10 bar	EN13445	GOST-R +RTN	300	500	1,1	2009



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year	
JH909	S-1754	FEED WATER TANK	KPA Unicon Oy	Pressure Vessel	CS	120/0	1,0/0(0,7)	EN13445	GOST-R +RTN	3560	2400	33,0	2009	
JH909	S-1754	DEAERATOR	KPA Unicon Oy	Pressure Vessel	1.4307	120/0	1,0/0(0,7)	EN13445	GOST-R +RTN	450	1100	1,9	2009	
JH909	S-1755	CONDENSATE TANK	KPA Unicon Oy	Pressure Vessel	1.4307	0...100	ATM		GOST-R	2300	3000	40,0	2009	
PL906	S-1756	PULPER VESSEL	Cambi AS	Pressure Vessel	1.4404	160	500	EN13445		6503		44,3	2008	
PL906	S-1757-1761	REACTOR VESSEL, 5 PCS	Cambi AS	Pressure Vessel	1.4404	193	1250	EN13445		5112		12,5	2008	
PL906	S-1762	FLASH TANK	Cambi AS	Pressure Vessel	1.4404	160	500			7311		49,5	2008	
JH903	S-1748	STRIPPER	Anditz Oy	Pressure Vessel	1.4362	20...159	5/-1 bar	EN13445	PED 97/23/EC	80000	5200	22000	508,0	2009
PL899		TITANIUMS	DSB Säurebau GmbH	Pressure Vessel	Ti								2008	
JH892	S-1743	ACCUMULATOR 330 M3	Hörnnett Energi Ab	Pressure Vessel	CS	0...220	-0.9...22 bar	EN13445	PED 97/23/EC	105000	3600	3300	327,0	2008
KY891	S-1747	FILTER	Vesi-Pauli Oy	Pressure Vessel		0...40	6,0 bar			5300	2800	25,0	2008	
KY890		VESSEL	Anditz Oy	Pressure Vessel	CS								2008	
KY887	S-1742	AMMONIUM VESSEL	Foster Wheeler Energia Oy	Pressure Vessel		-40/+40	1,4 bar	EN13445	PED 97/23/EC	9900	3500	100,0	2009	
PL883	S-1736-1738	REACTORS, 3 PCS	Cambi AS	Pressure Vessel	1.4432	192	12,5/-1 bar	EN13445			1700	5500	2008	
PL883	S-1739	PULPER	Cambi AS	Pressure Vessel	1.4432	142	5/-1 bar	EN13445			3300	5500	2008	
PL883	S-1740	FLASH TANK	Cambi AS	Pressure Vessel	1.4432	142	12,5/-1 bar	EN13445			3300	5500	2008	
KY881	S-1741	FIRING LIQUOR TANK	Anditz Oy	Pressure Vessel		140/0	2,0/-1 bar	EN13445			10000	1470,0	2008	
PL879	S-1735	COALESCER VESSEL	Petresco Process Systems	Pressure Vessel	1.4462	130/-29	9,5/-1 bar	EN13445	NORSOK		3000	8500	2008	
KY877	S-1685	LIQUID KNOCK-OUT DRUM, 2 PCS	Neste Oil Oyj	Pressure Vessel		0...+400	44/-1 bar	EN13445			1500	6400	5,5	2008
KY877	S-1687	SUCTION KNOCK-OUT DRUM	Neste Oil Oyj	Pressure Vessel		0...+145	43,5/-1 bar	EN13445			1500	4900	5,2	2008
KY877	S-1686,1688	LIQUID KNOCK-OUT DRUM, 2 PCS	Neste Oil Oyj	Pressure Vessel		0...+145	43,5/-1 bar	EN13445			1500	4850	5,2	2008
MH876	S-1684	LIQUID KNOCK-OUT DRUM	Neste Oil Oyj	Pressure Vessel		0...+145	43,5/-1 bar	EN13445			1500		5,2	2008
MH873	S-1699	COOLER	Metso Power Oy	Pressure Vessel		0...+200	5/-1 bar	EN13445				37,3	2008	
PL872	S-1715	AUTOCLAVE	DSB Säurebau GmbH	Pressure Vessel	CS	244/5	35/-1 bar	ASME Div.VIII		64000		150,0		
PL872	S-1716	FLASH VESSEL	DSB Säurebau GmbH	Pressure Vessel	CS	+5...+156	3,5/-1 bar	ASME Div.VIII			5100	148,0	2008	
JH871	S-1718	GAS OIL COLUMN	L&T Recoil Oy	Pressure Vessel	CS	400/-29	3,4/-1 bar	EN13445		6100	1219	13400	2008	
JH871	S-1719	LUBE OIL PRODUCT FRACTIONATOR	L&T Recoil Oy	Pressure Vessel	CS	400/-29	3,5/-1 bar	EN13445		16000	1980/914	21312	2008	
JH871	S-1720	LIGHT NEUTRAL STRIPPER	L&T Recoil Oy	Pressure Vessel	CS	400/-29	3,4/-1 bar	EN13445		1300	610	4594	2008	
JH871	S-1721	DEFOILING REACTOR	L&T Recoil Oy	Pressure Vessel	CS	121/-29	8,3/-1 bar	EN13445			1829	4877	2008	
JH871	S-1722	DEPOISORING REACTOR	L&T Recoil Oy	Pressure Vessel	CS	400/-29	11,7/-1 bar	EN13445			2742	4267	2008	
JH871	S1723	THE FIRST REACTOR	L&T Recoil Oy	Pressure Vessel	CS	310/-29	93/-1 bar	EN13445, Overlay welding 309L		20000	1219	7315	10,0	2008
JH871	S1724	THE SECOND REACTOR	L&T Recoil Oy	Pressure Vessel	CS	310/-29	93/-1 bar	EN13445, Overlay welding 309L		22000	1219	7315	10,0	2008
JH871	S1725	THE THIRD REACTOR	L&T Recoil Oy	Pressure Vessel	CS	371/-29	93/-1 bar	EN13445, Overlay welding 309L		29000	1219	7925	10,0	2008
JH871	S-1726	DEWATERING DRUM	L&T Recoil Oy	Pressure Vessel	CS	400/-29	3,5/-1 bar	EN13445		2000	10670	3505	4,0	2008





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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code		kg	Ø mm	T/T,H/H	m3	Year
KY817	S-1626	KUIVURI	Primet Oy	Pressure Vessel		195/0	13,8/0 bar	EN13445	EN12953-3		1910			2006
KY817	S-1619	KUIVURI	Primet Oy	Pressure Vessel		195/0	13,8/0 bar	EN13445	EN12953-3		1850			2006
KY814	S-1625	FEED WATER TANK	Anditz Oy	Pressure Vessel		0...+200	-1/5 bar	EN13445	PED 97/23/EC		4800		225,0	2006
PL809	S-1639	OFF GAS DRUM	UOP N.V.	Pressure Vessel	CS	+100/-40	6,5/-1				3600		254,6	2006
KY808	S-1605	TUBE CONDENSER	Kvaerner Power Oy	Pressure Vessel		0...+100	-1...-10 bar	EN13445	PED/97/23/EC		1750		17,8	2006
KY805	S-1603	WHITE LIQUOR FILTRATE VESSEL	Anditz Oy	Pressure Vessel		0...+110	2/-1 bar	EN13444	PED/97/23/EC		2200		14,2	2006
KY805	S-1604	LIME MUD SLURRY VESSEL	Anditz Oy	Pressure Vessel		0...+100	2/-1 bar	EN13445	PED/97/23/EC		3000		17,0	2006
KY805	S-1606	LIME MUD SLURRY VESSEL	Anditz Oy	Pressure Vessel		0...+110	2/-1 bar	EN13445	PED/97/23/EC		3000		21,1	2006
KY805	S-1607	LWH FILTER, FILTRATE VESSEL	Anditz Oy	Pressure Vessel		0...+110	2/-1 bar	EN13445	PED/97/23/EC		3000		28,8	2006
MH800	S-1598-1600	CO2-VESSELS, 3 PCS	Oy AGA ab	Pressure Vessel	CS	-40/+40	0/18 bar	EN13445	PED/97/23/EC		6500		150,0	2006
KY795	S-1592	LIUOTINSÄILIÖ	Anditz Oy	Pressure Vessel		110/0	+0,25, static	AFS 2005:2	AFS 2005:3				550,0	2005
KY793		MANHOLE AND PROCESS PIPINGS	Anditz Oy	Pressure Vessel										2005
MH792	S-1589	INTERSTAGE STRIPPER	Neste Oil Oyj	Pressure Vessel		0...+400	44/-1 bar	EN13445	PED 97/23/EC		1000/2000		19,7	2006
PL791	s-1587	OFF-GAS DRUM	UOP N.V.	Pressure Vessel	CS	100/-90	6/0 bar				5000		566,5	2005
PL790	S-1662-1666	FILTER VESSELS , 5 PCS	PALL GmbH-PASS	Pressure Vessel	CS	0...+121	33,8/-1 bar	EN13445	PED 97/23/EC	11000	1800		9,0	2007
PL790	S-1667	FUEL GAS CONDENSER	PALL GmbH-PASS	Pressure Vessel	CS	0...+70	10/-1 bar	EN13445	PED 97/23/EC	2500	1700		6,0	2007
PL790	S-1668	VENT GAS CONDENSER	PALL GmbH-PASS	Pressure Vessel	CS	0...+100	7/0 bar	EN13445	PED 97/23/EC	8500	2800		35,0	2007
PL788	S-1591	HYDROCYCLONE M900	Petresco International Ltd	Pressure Vessel	1.4462	-10/+120	25,5 bar	EN13445	TR1053 Ver.3		914		0,1	2006
PL788	S-1590	DESANDER 44C0002C	Petresco International Ltd	Pressure Vessel	1.4462	97/-10	25,5 bar	EN13445	TR1053 Ver.3		1168		1,6	2006
MH787	S-1588	DA-11503 DECYCLOHEXANIZER	Neste Oil Oyj	Pressure Vessel		0...+150	7/-0,5 bar	EN13445	PED 97/23/EC		2900		329,0	2006
PL783	S-1562	SEA WATER QUARDAPOD	Petresco International Ltd	Pressure Vessel	1.4462	-10...40	17,5/-1 bar	Cat 1 modul A			1070		2,9	2005
PL783	S-1561	CP2 DESANDER-COARSE FILTES	Petresco International Ltd	Pressure Vessel	1.4462	-10...40	17,5/-1 bar	Cat 1 modul A			1070		2,9	2005
PL780	S-1573	PULPER	Cambi AS	Pressure Vessel	1.4432	144/0	3/-1 bar	PD5500 cat	AS1210		3300		36,0	2005
PL780	S-1574	FLASHTANK	Cambi AS	Pressure Vessel	1.4432	144/0	3/-1 bar	PD5500 cat	AS1210		3300		36,0	2005
PL780	S-1575-1577	REACTORS, 3 pcs	Cambi AS	Pressure Vessel	1.4432	192/0	12/-1 bar	PD5500 cat	AS1210		1700		13,8	2005
PL780	S-1579	PULPER	Cambi AS	Pressure Vessel	1.4432	144/5	3/-1 bar	EN13445			3300		52,0	2005
PL780	S-1580-1584	REACTORS, 5 PCS	Cambi AS	Pressure Vessel	1.4432	198/5	14/-1 bar	EN13445			1700		13,8	2005
PL780	S-1585	FLASHTANK	Cambi AS	Pressure Vessel	1.4432	144/5	3/-1 bar	EN13445			3300		52,0	2005
PL778	S-1555	RIKKIDOKSIDIN HÖRYSTIN	Kemijärven Sellu Oy	Pressure Vessel	1.4432	0...+100	7/-1 bar	RS 430			508		0,3	2005
PL774	S-1593, 1594	GLYCOL CONTACTOR, 2 PCS	Kanfa AS	Pressure Vessel	CS	-46/+153	-1/120 bar	PD5500 cat	DNV, DNV-05-D101				9,3	2005
PL774	S-1564-1565	1st STAGE COMPRESSOR SUCTION SCRUBBER A/B/C	Kanfa AS	Pressure Vessel	CS	0/+100	30 bar	PD5500 cat 2.			1500		6,5	2005
PL774	S-1566-1568	2ST STAGE COMPRESSOR SUCTION SCRUBBER A/B/C	Kanfa AS	Pressure Vessel	CS	0/+175	40/-1 bar	PD5500 cat 2.			1100		3,5	2005
PL774	S-1569-1571	3rd STAGE COMPRESSOR SUCTION SCRUBBER A/B/C	Kanfa AS	Pressure Vessel	CS	175/-46	120/0 bar	PD5500 cat 2.			1050		3,1	2005



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
KY772	S-1554	AKTIIVIHILISUODATIN	Vesi-Pauli Oy	Pressure Vessel		0...+40	6,0 bar			2800		25,0	2005
KY772	S-1549	HUMUSSUODATIN	Vesi-Pauli Oy	Pressure Vessel		50	8 bar			2300		12,1	2005
KY768	S-1553	ULOSPUHALLUSSÄILIÖ	E.ON Filmland Oy	Pressure Vessel		0...+120	0,5 bar			2000		11,5	2005
KY764	S-1547	VALKOLIPEÄN HAPETUSREAKTORI	Polargas / Air Liquide Oy	Pressure Vessel		0/200	12/-1 bar			2000		12,6	2005
MH756	S-1537	PRODUCT STRIPPER REFLUX DRUM	Fortum Oil Oy	Pressure Vessel		0...+343	14,10/-1 bar	PED/97/23/E	EN13445	2000		21,5	2004
MH751	S-1541	HP STEAM DRUM	Fortum Oil Oy	Pressure Vessel		0...+280	58,5 bar	PED/97/23/E	EN13445	3300		95,0	2005
MH751	S-1535	MHC SECONDSTAGE FEED DRUM	Fortum Oil Oy	Pressure Vessel		0...+400	7,6/-1 bar	PED/97/23/E	EN13445	2800		58,0	2005
MH750		PRESSURE VESSEL	Jämsän Aluelämpö Oy	Pressure Vessel		0...+250	-1...6 bar	PED/97/23/E	EN13445-3	3500		60,0	2004
KY748	S-748	MIXING TANK	Kemira Oyj	Pressure Vessel		0...100	0,5 bar			2200		12,2	2004
MH746	S-1542	RICH AMINE FLASH DRUM	Fortum Oil Oy	Pressure Vessel		0...+232	10/-1 bar	PED/97/23/E	EN13445	2200		34,5	2005
MH746	S-1536	MCH FEED DRUM	Fortum Oil Oy	Pressure Vessel		0...+343	8,75/-1 bar	PED/97/23/E	EN13445 -3,-4	4000		154,0	2005
MH746	S-1543	CATALYST SLOP OIL DRUM	Fortum Oil Oy	Pressure Vessel		0...+360	8/-1 bar	PED/97/23/E	EN13445 -3,-4	2900		74,0	2005
MH746	S-1526	COOLING OIL SURGE DRUM	Fortum Oil Oy	Pressure Vessel		0...+343	5,5/-1 bar	PED/97/23/E	EN13445	2300		63,5	2005
MH746	S-1527-1529	CATALYST INVENTORY HOLDING BINS 3 PCS	Fortum Oil Oy	Pressure Vessel		0...+270	0,7/-0,067 bar	PED/97/23/E	EN13445	4700		385,0	2005
MH746	S-1525	FLASH VESSEL	Fortum Oil Oy	Pressure Vessel		0...+110	6/-1 bar	PED/97/23/E	EN13445	5000		283,0	2005
MH745		FLASH VESSEL	Fortum Oil Oy	Pressure Vessel									2005
MH737		WASHER AND PRE-HEATING	Kvaerner Power Oy	Pressure Vessel									2004
KY736	S-1516	PRESSURE VESSEL	Alholmens Kraft Oy Ab	Pressure Vessel		0...+250	5/-0,5 bar	PED/97/23/E	EN13445	3300		55,8	2004
KY735	S-1515	KAASUNPOISTIN	Outokumpu Stainless Oy	Pressure Vessel		0...200	-1...+6 bar	PED/97/23/E	EN13445	1800x2500		7,5	2004
PL734	S-1513	TUHKALÄHETIN	PVO-Lämpövoima Oy	Pressure Vessel		0...+120	0...6 bar	PED/97/23/E	EN13445	1000		0,9	2004
KY733	S-1512	WASHER	Andritz Oy	Pressure Vessel		0...+200	atm.	SFS-standars		3050		65,0	2004
MH722	S-1531	EFFECT 6	Kvaerner Power Oy	Pressure Vessel		-20/150	3,5/-1 bar	PED/97/23/E	EN13445	3600/4500		81,0	2004
MH722	S-1532	EFFECT 7	Kvaerner Power Oy	Pressure Vessel		-20/150	0,6/-1 bar	PED/97/23/E	EN13445	4300/5300		117,0	2004
MH722	S-1533	EFFECT 8	Kvaerner Power Oy	Pressure Vessel		-20/120	0,6/-1 bar	PED/97/23/E	EN13445	4900/6100		183,0	2004
MH722	S-1534	EFFECT 9	Kvaerner Power Oy	Pressure Vessel		0...+120	0,6/-1 bar	PED/97/23/E	EN13445	5000/6300		172,0	2004
MH721	S-1501	GLYCOL WATER DRUM	Kemira Oyj	Pressure Vessel		-20/+100	static			6000		206,0	2004
PL717	S-1493	PRESSURE VESSEL	Andritz Oy	Pressure Vessel	1.4432	0...+200	-1/5 bar	PED/97/23/E	EN13446	800		0,8	2003
KY713	S-1491	LAUHDESÄILIÖ	UPM-Kymmene Oyj	Pressure Vessel		0...+250	5,0 bar	PED/97/23/E	EN13445	1400		5,3	2003
KY706	S-1480	WATER SEAL PRESSURE/VACUUM	Vapo Oy Energia	Pressure Vessel		0...+50	0,49/-1 bar			1000		2,0	2003
MH705	S-1482	DISSOLVING TANK VENT SCRUBBER	Andritz Oy	Pressure Vessel		0...+105	0,15bar/-1,8 kPa			2000		23,0	2003
MH704	S-1494	DNCG WATER SEAL TANK	Andritz Oy	Pressure Vessel		0...100	0,01 Mpa			700		0,7	2003
MH704	S-1495	EXPANSION TANK	Andritz Oy	Pressure Vessel		65	atm.					1,0	2003
MH704	S-1492	CNCG CONDENSATE TANK	Andritz Oy	Pressure Vessel		0...120	-1/5 bar	PED/97/23/EC		700			2003



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
MH704	S-1489	STEAM CONDENSATE TANK	Andritz Oy	Pressure Vessel		0...+250	5 bar	PED/97/23/E EN13445		1500		3,6	2003
MH704	S-1487	BLOWDOWN/RAPID DRAIN TANK	Andritz Oy	Pressure Vessel		0...+110	0,49 bar			2000		15,0	2003
MH704	S-1486	WARM WATER TANK	Andritz Oy	Pressure Vessel		0...+80	static (atm.)			1700		8,0	2003
MH704	S-1485	RESERVE WATER (HEAD)TANK	Andritz Oy	Pressure Vessel		0...+40	static (atm.)			3150		30,0	2003
MH704	S-1483	CONTINUOUS BLOW DOWN TANK	Andritz Oy	Pressure Vessel		0...+250	8/1 bar	PED/97/23/E EN13445		1300		2,6	2003
MH699	S-1476	COOLER P-5-24	Finnish Chemicals	Pressure Vessel		0...+120	6/-1 bar	PED EN13445		457		0,3	2003
MH699	S-1477	COOLER P-5-25	Finnish Chemicals	Pressure Vessel		0...+120	6/-1 bar	PED EN13445		219,1		0,1	2003
MH697	S-1488	ÖLJYNJÄÄHDYTIN	UPM Schauman Oy	Pressure Vessel		0...+50	8 bar			355,6		0,1	2003
PL696	S-1474	LIPEÄN PAISUNTASÄILIÖ	Andritz oy	Pressure Vessel	1.4432	0...159	-1...7 bar	PED EN13445		1600		2,3	2003
PL969	S-1475	PRIMÄÄRILAUHTEEN PINTASÄILIÖ	Andritz oy	Pressure Vessel	1.4432	0...200	-1...5 bar	PED EN13445		700		0,5	2003
MH963	S-1472	HF-VESEL	AvestaPolarit Oy	Pressure Vessel		0...+40	static, 0,5 bar			2200		20,0	2003
KY 691	s-1469	FEED WATER TANK	Andritz Oy	Pressure Vessel		0...200	8/-1 bar			3500		115,0	2003
MH688	S-1473	CO2-VESEL	Polargas oy	Pressure Vessel		-40...+40	20 bar	PED EN13445		3200		100,0	2003
KY679	S-1457-1458	DEAERATOR, 2 PCS	Vesi-Pauli Oy	Pressure Vessel		0...+200	06,-1 bar	SFS standars		2800		19,4	2003
MH674		SÄILIÖN OSAVALMISTUS	Sulzer Pumps Finland Oy	Pressure Vessel									2002
MH672	S-1449	ECONOMAIER	Outokumpu Harjavalta Metals	Pressure Vessel		+20...+321	16 bar	PED/97/23/E EN13445		273		1,6	2003
PL664	S-1450	KUUMAKANAVAN OSA EAF	Alstom Power Oy	Pressure Vessel	CS	191,4	12 bar	PED/97/23/EC		2465		3,7	2002
PL664	S-1451	KUUMAKANAVAN OSA AOD	Alstom Power Oy	Pressure Vessel	CS	191,4	12 bar	PED/97/23/EC		3106		2,7	2002
KY962	s-1469	FEED WATER TANK	Andritz Oy	Pressure Vessel		0...201	8/-1 bar			3097,57973		107,4	2002
MH660	S-1445	COOLER	Andritz Oy	Pressure Vessel		0...+200	5/-1 bar	PED/97/23/E EN13445		4700		201,5	2002
PL659	S-1442	PEROXIDE VESSEL	Metsä-Botnia Oy Ab	Pressure Vessel	1.4432	-40...+100	static			4800		100,0	2002
PL657	S-14413	DROPLET SEPARATOR	Andritz Oy	Pressure Vessel		0...+152	4/-1 bar	PED/97/23/E ADM2000		500		0,1	2002
PL657	S-14413	PINTASÄILIÖ	Andritz Oy	Pressure Vessel		0...+159	5/-1 bar	PED/97/23/E EN13445		700		0,5	2002
PL657	S-1439	POLTTO LIPEÄN PAISUNTASÄILIÖ	Andritz oy	Pressure Vessel		0...+159	5/-1 bar	PED/97/23/E EN13446		2300		18,2	2002
MH647	S-1435	EVAPORATOR EFFECT 2 A	Kvaerner Pulping Oy	Pressure Vessel		+20...+200	5/-1 bar	PED/97/23/E SFS standard		2900		100,0	2002
MH647	S-1434	EVAPORATOR EFFECT K1 A/B	Kvaerner Pulping Oy	Pressure Vessel		+20...+200	5/-1 bar	PED/97/23/E SFS standard		5000		380,0	2002
PL646		FILTER VESSELS	AvestaPolarit Oy	Pressure Vessel	CS								2002
KY643	S-1414	ULOSPUHALLUSSÄILIÖ	Metsä-Botnia Oy Ab	Pressure Vessel		160	5 bar			1600		5,0	2001
MH642	S-1423	EVAPORATOR EFFECT K1 A/B	Kvaerner Pulping Oy	Pressure Vessel		+20...+170	-1/5 bar	PED/97/23/E SFS standard		5300		421,0	2002
MH642	S-1424	EVAPORATOR EFFECT 1 A/B	Kvaerner Pulping Oy	Pressure Vessel		+20...+170	-1/5 bar	PED/97/23/E SFS standard		5300		410,0	2002
MH642	S-1425	EVAPORATOR EFFECT 1 C/D	Kvaerner Pulping Oy	Pressure Vessel		+20...+170	-1/5 bar	PED/97/23/E SFS standard		5300		410,0	2002
MH642	S-1426	EVAPORATOR EFFECT 2	Kvaerner Pulping Oy	Pressure Vessel		+20...+165	-1/3 bar	PED/97/23/E SFS standard		5900		480,0	2002
MH642	S-1427	EVAPORATOR EFFECT 3	Kvaerner Pulping Oy	Pressure Vessel		+20...+165	3/-1 bar	PED/97/23/E SFS standard		4000/4700		96,0	2002



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
MH642	S-1428	EVAPORATOR EFFECT 4	Kvaerner Pulping Oy	Pressure Vessel		+20...+160	3/-1 bar	PED/97/23/E SFS standard		4200/5000		96,0	2002
MH642	S-1429	EVAPORATOR EFFECT 5	Kvaerner Pulping Oy	Pressure Vessel		+20...+120	1/-1 bar	PED/97/23/E SFS standard		3900/4800		100,0	2002
MH642	S-1430	EVAPORATOR EFFECT 6	Kvaerner Pulping Oy	Pressure Vessel		+20...+120	1/-1 bar	PED/97/23/E SFS standard		4300/5300			2002
MH642	S-1431	EVAPORATOR EFFECT 7	Kvaerner Pulping Oy	Pressure Vessel		+20...+120	1/-1 bar	PED/97/23/E SFS standard		4900/6300			2002
MH641	S-1413	VESSEL	Kvaerner Pulping Oy	Pressure Vessel		-20...+200	6/-1 bar	CEOC		356		0,1	2001
PL640	S-1416	HÖYRYLIERIÖ	Boilertec Oy	Pressure Vessel	CS	+20...+240	32 bar	PED/97/23/E SFS standard		1600		11,5	2002
PL640	S-1417	HÖYRYLIERIÖ	Boilertec Oy	Pressure Vessel	CS	+20...+240	32 bar	PED/97/23/E SFS standard		1500		7,8	2002
MH639	S-1412	VESSEL	Kymenso Oy	Pressure Vessel		0...+250	16/-1 bar			1200		2,5	2001
PL638	S-1415	MIXTANK	Andritz-Ahlstrom Oy	Pressure Vessel		0...+120	atm.			708		0,5	2001
KY637	S-1410, 1411	KIRKASTUSSUODATTIMET, 2 KPL	Kutepa Engineering Oy	Pressure Vessel		0...+85	6 bar			1212		7,8	2001
KY634	S-1400	PIKISÄILIÖ	NK Cables Oy	Pressure Vessel		0...+200		SFS 2734		2500		30,0	2001
KY634	S-1401	PAISUNTAÄILIÖ	NK Cables Oy	Pressure Vessel		0...+200	static			606		0,0	2001
KY634	s-1402, 1403	LÄMMITYSPATTERIT I JA II	NK Cables Oy	Pressure Vessel		0...+200	10 bar			63,5/48,3		0,1	2001
PL623	S-1392	LÄMMÖNTALTEENOTTOKATTILA	Rautaruukki Oyj	Pressure Vessel	CS	0...+120	16 bar			1270		2,7	2001
KY620	S-1396	MAAKAASULÄMMITIN	Kvaerner Pulping Oy	Pressure Vessel		-40...+60	16 bar	PED		406,4		0,2	2001
KY620	S-1397	HÖNKÄHÖYRYLAUHDUTIN	Kvaerner Pulping Oy	Pressure Vessel		+20...+200	6/-1 bar	PED		323,9		0,2	2001
MH615	S-1382,1384	HEATER TREATER, 6 PCS	Hanover Maloney Inc.	Pressure Vessel		-45...+200	8,95 bar	ASME VIII+GOST		3350		170,0	2001
MH615	S-1385,1387	HEATER TREATER	Hanover Maloney Inc.	Pressure Vessel		-45...+200	8,95 bar	ASME VIII+GOST		3350		170,0	2001
MH615	S-1389,1390	HEATER TREATER	Hanover Maloney Inc.	Pressure Vessel		-45...+200	8,95 bar	ASME VIII+GOST		3350		170,0	2001
MH615	S-1383,1386	FREE WATER KNOCK OUT, 3 PCS	Hanover Maloney Inc.	Pressure Vessel		-45...+150	12,3 bar	ASME VIII+GOST		3380		170,0	2001
MH615	S-1388	FREE WATER KNOCK OUT	Hanover Maloney Inc.	Pressure Vessel		-45...+150	12,3 bar	ASME VIII+GOST		3380		170,0	2001
KY613	S-1378	IMPORT GAS SEPARATOR	Carat Procesteknik	Pressure Vessel		-46...+100	220 bar	PD5500,Cat.1		610		0,7	2001
KY613	S-1379,1380	FUEL GAS FILTER, 2 PCS	Carat Procesteknik	Pressure Vessel		-46...+150	89 bar	PD5500,Cat.1		469		0,2	2001
KY613	S-1381	FUEL GAS SEPARATOR	Carat Procesteknik	Pressure Vessel		-46...+150	89 bar	PD5500,Cat.1		1150		3,9	2001
MH612	S-1376	HAPPISÄILIÖ	Rautaruukki Oyj	Pressure Vessel		-40/+50	33 bar			3700		240,0	2001
MH611	S-1377, 1372	MUSTALIEPÄN ESILÄMMITIN, 2 KPL	Kvaerner Pulping Oy	Pressure Vessel		0...+300	13 bar			356		0,3	2001
MH611	S-1369	PRESSURE VESSEL	Kvaerner Pulping Oy	Pressure Vessel		0...+190	8,5/-1 bar			1800		4,0	2001
MH611	S-1370	HEAT EXCHANGER	Kvaerner Pulping Oy	Pressure Vessel		0...+200	5/-1 bar			457/700		0,5	2001
MH611	S-1371	FLASH TANK	Kvaerner Pulping Oy	Pressure Vessel		0...+200	5/-1 bar			800		0,5	2001
MH611	S-1373	FLASH TANK	Kvaerner Pulping Oy	Pressure Vessel		0...+200	5/-1 bar			800		1,0	2001
KY609	S-1357,1358	FLASH TANK, 2 PCS	Vesi-Metalli Oy	Pressure Vessel		50	15 bar	CEOC		812		2,7	2001
KY609	S-1359, 1360	ABSORBERS, 2 PCS	Vesi-Metalli Oy	Pressure Vessel		50	16 bar	CEOC		812/1220		4,7	2001
PL607	S-1375	FEED WATER TANK	Andritz-Ahlstrom Oy	Pressure Vessel	CS	+20...+225	5/-1 bar	PED		5000		388,0	2001



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
MH606	S-1364	EFFECT K2	Kvaerner Pulping Oy	Pressure Vessel		0...+160	4/-1 bar			3800		200,0	2001
MH606	S-1365	EFFECT K1 A/B	Kvaerner Pulping Oy	Pressure Vessel		200/0	5/-1 bar					290,0	2001
MH606	S-1366	LIPEÄAKKU	Kvaerner Pulping Oy	Pressure Vessel		200	5/-1 bar					585,0	2001
KY605	S-1344,1345	HIEKKASILO, 2 KPL	Foster Wheeler Energia Oy	Pressure Vessel		0...+50	8/-1 bar			508		0,2	2001
KY602	S-1346	KAASUTUSSYKLOONA	Metsä-Rauma Oy	Pressure Vessel		0...+210	12 bar			1600		5,0	2000
KY602	S-1349	PUTKISTON OSA DN400,KAASUTUSSYKLOONA	Metsä-Rauma Oy	Pressure Vessel		0...+210	10 bar			406		0,2	2000
MH601		COALESCER VESSEL	Rinheat Oy	Pressure Vessel									2000
PL596	S-1343	STEAM DRUM	Standar Fasel Lentjes B.V.	Pressure Vessel	CS	228	26 bar			1700		17,0	2000
PL592	S-1323	2 MW KP-KATTILA	Ravalco Oy	Pressure Vessel	CS	0...+120	6 bar			1820		5,3	2000
PL591	S-1338	FEED WATER TANK, SHELL	Ahlström Machinery Oy	Pressure Vessel	CS	+20/+200	12/-1 bar			5000		464,0	2000
PL589		FEED WATER TANK	Foster Wheeler Energia Oy	Pressure Vessel	CS								2000
MH585	S-1309-1312	HAPONK.SÄILIÖT+LIEKINESTINRUNGOT,4 KPL	Kvaerner Pulping Oy	Pressure Vessel		250	6 bar			610		0,3	2000
PL576	S-1322	CO2- VESSEL	Messer Suomi Oy	Pressure Vessel		-40...+40	20 bar			1900		10,0	2000
PL572	S-1281	VESSEL	UPM-Kymmene Wisaforest	Pressure Vessel		0...+250	16 bar			1750		8,0	2000
PL569	S-1321	CAUSTIC STORAGE TANK	Haskel Energy Ltd	Pressure Vessel	CS	-40...+90	7,5/-2,5 mbar			3300		111,2	2000
PL569	S-1319,1320	DRAIN SUMP TANK, 2 PCS	Haskel Energy Ltd	Pressure Vessel	CS	-40...+90	3,5 bar			1600		8,3	2000
PL569	S-1318	NEUTRALIZATION VESSEL	Haskel Energy Ltd	Pressure Vessel	CS	-40...+95	5/-1 bar			2800		18,5	2000
PL569	S-1317	ACID STORAGE TANK	Haskel Energy Ltd	Pressure Vessel	CS	-40...+75	hydr.st./10mbar			3300		131,0	2000
MH568	S-1287	LVHC GAS COLLECTION TANK	Kvaerner Pulping Oy	Pressure Vessel		250	6/-1 bar			608		0,4	2000
MH568	S-1288,1289	PUMPING TANK, 2 PCS	Kvaerner Pulping Oy	Pressure Vessel		250	6/-1 bar			406		0,4	2000
MH568	S-1290-1293	DROPLET SEPARATOR, 4 PCS	Kvaerner Pulping Oy	Pressure Vessel		250	6 bar			608		0,4	2000
MH568	S-1294,1295	FLAME ARRESTER, 2 PCS	Kvaerner Pulping Oy	Pressure Vessel		250	6 bar			356			2000
PL567	S-1282,1283	CO2- VESSEL, 2 PCS	Polargas Oy Ab	Pressure Vessel	CS	-40...+40	22 bar			1500		5,0	2000
MH568	S-1294,1295	FLAME ARRESTER, 2 PCS	Kvaerner Pulping Oy	Pressure Vessel		250	6 bar			356			2000
PL567	S-1282,1283	CO2- VESSEL, 2 PCS	Polargas Oy Ab	Pressure Vessel	CS	-40...+40	22 bar			1500		5,0	2000
KY563	S-1339	AMMONIAKIN VARASTOSÄILIÖ	Kvaerner Pulping Oy	Pressure Vessel		-30...+60	static.			5700			2000
MH561	S-1296.1297	EVAPORATOR, EFFECTS 1AB, 1CD	Kvaerner Pulping Oy	Pressure Vessel		185	5/-1 bar			4700		309,0	2000
MH561	S-1298	EVAPORATOR EFFECT 2	Kvaerner Pulping Oy	Pressure Vessel		160	3/-1 bar			4700		298,0	2000
MH561	S-1299,1300	EVAPORATOR, EFFECTS 3 AND 4	Kvaerner Pulping Oy	Pressure Vessel		160	3/-1 bar			3300		35,0	2000
MH561	S-1302	EVAPORATOR EFFECT 5	Kvaerner Pulping Oy	Pressure Vessel		160	3/-1 bar			3800		40,0	2000
MH561	S-1303	EVAPORATOR EFFECT 6	Kvaerner Pulping Oy	Pressure Vessel		160	1/-1 bar			4100		60,0	2000
KY560	S-1279	PRESSURE VESSEL	Kvaerner Pulping Oy	Pressure Vessel		0...+159	2 bar			3500		71,8	2000
MH555	S-1284	EVAPORATOR EQUIPMENT EFFECT 1ABC	Kvaerner Pulping Oy	Pressure Vessel		0...+165	3,5 bar			4700		266,0	2000



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
MH555	S-1285	EVAPORATOR EQUIPMENT EFFECT 5	Kvaerner Pulping Oy	Pressure Vessel		0...+130	1/-1 bar			2800/3500		130,0	2000
MH555	S-1286	EVAPORATOR EQUIPMENT EFFECT 6	Kvaerner Pulping Oy	Pressure Vessel		0...+130	1/-1 bar			3100/4200		165,0	2000
MH554	S-1270	PINTALAUHDUTIN	Kvaerner Pulping Oy	Pressure Vessel		0...+120	2/-1 bar			4900/3700		110,0	1999
MH554	S-1271	PINTALAUHDUTTIMEN HÖNKÄLINJA	Kvaerner Pulping Oy	Pressure Vessel		0...+120	2/-1 bar			2300		24,0	1999
MH552	S-1268	YLIVUOTOSÄILIÖ	Kvaerner Pulping Oy	Pressure Vessel		0...+100	hydr.static			2050/2500		10,0	1999
MH548	S-1253	PUMPING TANK	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar	CEOC		508		0,4	1999
MH548	S-1254, 1255	DROPLET SEPARATOR, 2 PCS	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar	CEOC		600		0,3	1999
MH537	S-1246	CS2-LAUHDUTIN	Säteri Oy	Pressure Vessel		0...+100	0/5 bar			750		0,8	1999
KY536	S-1237	HAIHDUTINASTIA	Metsälitto SW	Pressure Vessel		-30...+60	static			1800		2,0	1999
MH529	S-1275	PRESSURE VESSEL	Kymenso Oy	Pressure Vessel		0...+65	0...10 bar			1300		4,0	2000
MH529	S-1276	JÄÄHDYTYSVEDEN VÄLISÄILIÖ	Kymenso Oy	Pressure Vessel		0...+60	hydr.static			1600		6,0	2000
MH529	S-1277	JÄÄNESTOJÄRJESTELMÄN TYHJENNYSSÄILIÖ	Kymenso Oy	Pressure Vessel		0...+120	static			1300		3,0	2000
MH529	S-1278	JÄÄHDYTYSVEDEN PAISUNTASÄILIÖ	Kymenso Oy	Pressure Vessel		0...+60	static			850		1,0	2000
MH529	S-1279	FLASH CYCLONE	Kymenso Oy	Pressure Vessel		0...+159	2 bar			3500		71,8	2000
MH529	S-1262	LAUHDESÄILIÖ	Kymenso Oy	Pressure Vessel		0...+250	10/-1 bar			1200		2,0	2000
PL528		LIPEÄN YHTEET	A.Ahlström Machinery	Pressure Vessel		0...+200	5/-1 bar					144,0	1999
MH526		HAIHDUTTAMON SÄILIÖT	Kvaerner Pulping Oy	Pressure Vessel									1999
KY523	S-1233	SÄILIÖ 25 m3	Mamec Oy	Pressure Vessel		0...+5	static			2700		25,0	1999
MH518	S-1251,1252	ABSORBERS, 2 PCS	Air Liquide	Pressure Vessel	CS	0...+225	6,1 bar			5660		105,0	1999
KY515	S-1218	PUMPPAUSSÄILIÖ	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar			508		0,4	1999
KY512	S-1231	TYPPISÄILIÖ	Outokumpu Polarit Oy	Pressure Vessel		+5...+30	hydr.static			2800		30,0	1999
KY504	S-1224	DIESEL OIL TANK	Foster Wheeler Energia Oy	Pressure Vessel	CS	-20...+60	static			2700		25,0	1999
MH503	S-1240	GLYCOL CONTACTOR	Kvaerner Process Systems AS	Pressure Vessel		-8/155	50,5 bar	BS 5500 Cat1		1718		25,0	1999
MH502	S-1229,1230	HIILIDIOKSIDISÄILIÖ, 2 KPL	Polargas Oy Ab	Pressure Vessel		-40...+40	22 bar			1500		28,6	1999
KY500	S-1213	FAVÖRLUFTSTANK	Kvaerner Pulping Oy	Pressure Vessel		30	10 bar			2400		15,0	1999
KY500	S-1214	EGENKONDENSATTANK	Kvaerner Pulping Oy	Pressure Vessel		200	5/-1 bar			1500		6,0	1999
KY500	S-1215	EXP.KÄRL KONT.BOTTENBLÄSNING	Kvaerner Pulping Oy	Pressure Vessel		200	5/-1 bar			1500		3,0	1999
PL494	S-1219	CHIP CHÛTE-TYPE 900	Kvaerner Pulping Ab	Pressure Vessel		0...+155	2,2 bar					3,5	1999
PL494	S-1216,1217	AVGASSIL PRESSURE SHELL, 2 PCS	Kvaerner Pulping Ab	Pressure Vessel		100	static			406,4			1999
MH493	S-1226	TUBEL-VESSEL EFFECT 1 A/B	Kvaerner Pulping Ab	Pressure Vessel		150	5/-1 bar			4900		350,0	1999
MH493	S-1227	TUBEL-VESSEL EFFECT 2	Kvaerner Pulping Ab	Pressure Vessel		150	5/-1 bar			3700		160,0	1999
KY492	S-1210	PUMPING MODULE	Kvaerner Pulping Oy	Pressure Vessel		100	7 bar						1999
PL481	S-1170	PAINEVESISÄILIÖ / TESTILAITTEISTO	Puolustusvoimien tutkimuskeskus	Pressure Vessel		0...+50	25 bar			400		0,1	1998



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
PL481	S-1171-1190	TESTAUSPAINESÄILIÖ, 2 KPL	Puolustusvoimien tutkimuskeskus	Pressure Vessel		0...+50	20 bar			250x250		0,0	1998
KY480	S-1165	KATALYTTISÄILIÖ JA HOITOTASO	Kemira Chemicals Oy	Pressure Vessel		-20...+40	0,1 bar			1016		0,9	1998
PL478	S-1200	AUSBLASEBEHÄLTER	A.Ahlström Machinery	Pressure Vessel		0...+200	5 bar			1500		5,0	1998
PL478	S-1201	BEHÄLTER FOR KONTIN. AUSBLASUNG	A.Ahlström Machinery	Pressure Vessel		0...+350	5 bar			1500		3,0	1998
PL478	S-1202	ENSTPANNUNYSBEHÄLTER	A.Ahlström Machinery	Pressure Vessel		0...+270	17 bar			800		1,0	1998
PL478	S-1203	KONDENSATBEHÄLTER	A.Ahlström Machinery	Pressure Vessel		0...+250	5 bar			1700		5,0	1998
PL478	S-1204	METHANOLBEHÄLTER	A.Ahlström Machinery	Pressure Vessel		0...+152	4/-1 bar			2000		11,5	1998
PL478	S-1205	TERPENTINDEKANTEUR	A.Ahlström Machinery	Pressure Vessel		0...+152	4/-1 bar			1000		2,1	1998
PL478	S-1206	METHANOLKOLONNE	A.Ahlström Machinery	Pressure Vessel		0...+152	4/-1 bar			800		4,0	1998
PL478	S-1196	RESERWASSER BEHÄLTER	A.Ahlström Machinery	Pressure Vessel		0...+50	static			3000		50,0	1998
PL478	S-1166	KONDENSATBEHÄLTER	A.Ahlström Machinery	Pressure Vessel		0...+200	6/-1 bar			3400		55,0	1998
PL478	S-1167	DPEISERWASSERBEHÄLTER	A.Ahlström Machinery	Pressure Vessel		0...+200	6/-1 bar			3800		250,0	1998
PL478	S-1163	BRUNDENKONDENSER	A.Ahlström Machinery	Pressure Vessel		0...+50	static			2200		31,0	1998
KY473	S-1161	YLI- JA ALIPAINESUOJA	Kvaerner Pulping Oy	Pressure Vessel		0...+60	static			800		0,7	1998
KY473	S-1162	JÄÄHDYTYSPELURI	Kvaerner Pulping Oy	Pressure Vessel		0...+120	static			1200		5,8	1998
KY473	S-1156	VESILUKKOSÄILIÖ	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6/-1 bar			1000		0,9	1998
KY473	S-1157	TÄRPÄTTIPESURI	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6/-1 bar			406,4		0,5	1998
KY473	S-1138	PISARANEROTIN	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar			600		0,3	1998
PL472	S-1159,1160	VESILUKKOVARO, 2 KPL	Kvaerner Pulping Oy	Pressure Vessel		0...+155	5/-1 bar			400		0,1	1998
MH471	S-1199	FRESH WATER TANK	Carat Processteknik Ab	Pressure Vessel		+50/-10	static			2700		15,0	1998
MH471	S-1168	PALATABILITY TANK	Carat Processteknik Ab	Pressure Vessel		-10...+50	9,5/-10 bar			602		0,7	1998
MH469	S-1150	LIPEÄN PAISUNTA-ASTIA	Kvaerner Pulping Oy	Pressure Vessel		0...+200	4/-1 bar			1400			1998
MH469	S-1151-1154	ESILÄMMITIN, 4 KPL	Kvaerner Pulping Oy	Pressure Vessel		0...+150	4/-1 bar			1000/1300			1998
MH469	S-1155	HAIHDUTIN / PAINERUNKO	Kvaerner Pulping Oy	Pressure Vessel		0...+200	4/-1 bar			3020			1998
MH468	S-1123	PRESSURE VESSEL	Kvaerner Tamturbine	Pressure Vessel		0...+50	20 bar			1000		1,6	1998
PL465	S-1124	PUNNITUSSÄILIÖ	Kemira Chemicals Oy	Pressure Vessel		0...+120	6/-1 bar			1400		5,0	1998
MH463	S-1142	CO2-VESSEL	Polargas Oy Ab	Pressure Vessel		-40...+40	20 bar			2700		60,0	1998
PL460	S-1193	WATER TANK	Porin Lämpövoima Oy	Pressure Vessel		0...+50	10/-10 bar			800		0,7	1998
PL460	S-1128	PAISUNTA-ASTIA	Porin Lämpövoima Oy	Pressure Vessel		120	2 bar			1520		10,0	1998
KY453		PATRUUNASUODATIN	Vesi-Pauli Oy	Pressure Vessel									1998
PL452	S-1127	FEED WATER TANK AND DEAERATOR	YIT-Huber Teollisuus Oy	Pressure Vessel		0...+200	4/-1 bar			3000		84,0	1998
PL450	S-1120,1121	DROPLET SEPARATOR, 2 PCS	Ahlström Machinery Oy	Pressure Vessel	CS	0...+250	10/-1 bar			750		0,5	1998
PL450	S-1118	LIKAISEN LAUHTEN PUMPPAUSSÄILIÖ	Ahlström Machinery Oy	Pressure Vessel	CS	0...+250	10/-1 bar			800		0,6	1998



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Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
PL450	S-1119	VESILUKKOSÄILIÖ	Ahlström Machinery Oy	Pressure Vessel	CS	0...+250	10/-1 bar			800		1,1	1998
PL450	s-1097	POHJAPUHALLUSSÄILIÖ	Ahlström Machinery Oy	Pressure Vessel	CS	0...+200	6 bar			1500		5,0	1998
MH446		HAPPISÄILIÖ	Polargas Oy Ab	Pressure Vessel									1998
MH443	S-1076	REFLUX CONDENSER	Kvaerner Paladon	Pressure Vessel		-16...+149	5 bar	BS5500		273		0,1	1998
MH443	S-1077	RECLAIMER CONDENSER	Kvaerner Paladon	Pressure Vessel		-16...+177	5 bar	BS5500		219,1		0,1	1998
MH443	S-1069	AMINE ABSORBER	Kvaerner Paladon	Pressure Vessel		-16...+149	5 bar	BS5500		406,4/323,9		1,5	1998
MH443	S-1070	AMINE RECLAIMER	Kvaerner Paladon	Pressure Vessel		-16...+177	5/-1 bar	BS5500		772		1,3	1998
MH443	S-1071	AMINE REBOILER	Kvaerner Paladon	Pressure Vessel		-16...+149	5/-1 bar	BS5500		772		1,3	1998
MH443	S-1072	REFLUX DRUM	Kvaerner Paladon	Pressure Vessel		-16...+149	5/-1 bar	BS5500		406,4		0,2	1998
MH443	S-1068	AMINE ABSORBER	Kvaerner Paladon	Pressure Vessel		-16...+93	1 bar	BS5500		609,6		4,0	1998
MH439	S-1146,1147	PREFILTER, 2 PCS	Kvaerner Process Systems	Pressure Vessel		0...+55	16 bar			1012		2,0	1998
MH439	S-1148	LIQUID/LIQUID COALESCER	Kvaerner Process Systems	Pressure Vessel		0...+55	16 bar			1012		2,0	1998
MH439	S-1139	VACUUM RECEIVER	Kvaerner Process Systems	Pressure Vessel		-15...+125	3,5/-1 bar			1916		15,8	1998
MH439	S-1140	RICH MEG SURGE DRUM	Kvaerner Process Systems	Pressure Vessel		-10...+60	12 bar			3024		91,0	1998
MH439	S-1141	RICH MEG FLASH DRUM	Kvaerner Process Systems	Pressure Vessel		-10...+125	16/-1 bar			1516		7,8	1998
MH439	S-1135-1137	WASTE DRUM, 3 PCS	Kvaerner Process Systems	Pressure Vessel		145/-15	3,5 bar					1,4	1998
PL433	S-1327,1331	HEAVY OIL PUMPING AND HEATING STATION 2PCS	Kvaerner Pulping Oy	Pressure Vessel									1997
PL433	S-1335	HEAVY OIL PUMPING AND HEATING STATION	Kvaerner Pulping Oy	Pressure Vessel									1997
PL433	S-1326,1330	DIESEL OIL AND PUMPING STATION,2PCS	Kvaerner Pulping Oy	Pressure Vessel		60	16 bar						1997
PL433	S-1334	DIESEL OIL AND PUMPING STATION	Kvaerner Pulping Oy	Pressure Vessel		60	16 bar						1997
PL433	S-1325	DIESEL AND PUMPING FOR LINESTORE	Kvaerner Pulping Oy	Pressure Vessel		60	6 bar						1997
PL433	S-1336,1328	ELECTRIC PREHEATER, 2 pcs	Kvaerner Pulping Oy	Pressure Vessel		120	25 bar			406,4		0,5	1997
PL433	S-1332	ELECTRIC PREHEATER	Kvaerner Pulping Oy	Pressure Vessel		121	26 bar			406,4		0,5	1997
PL433	S-1337,1329	OIL/STEAM PREHEATER, 2 pcs	Kvaerner Pulping Oy	Pressure Vessel		120	25 bar			406,4		0,1	1997
PL433	S-1333	OIL/STEAM PREHEATER	Kvaerner Pulping Oy	Pressure Vessel		120	25 bar			406,4		0,1	1997
PL431	S-1096	DIESEL OIL PUMPING STATION	Kvaerner Pulping Oy	Pressure Vessel		30...+50	16 bar			114,3			1998
PL430	S-1078	KALSIIUMIN DEAKTIVOINTIREAKTORI	Ahlström Machinery Oy	Pressure Vessel		0...+200	5/-1 bar			2800		144,0	1998
PL430	S-1079	LIPEÄN PAISUNTA-ASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			2500		16,4	1998
PL430	S-1074	PAISUNTASÄILIÖ, PUOLIVAHVALIPEÄ	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			2000		9,0	1998
PL430	S-1073	LIPEÄN PAISUNTA-ASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			2600		25,3	1998
PL430	S-1050	LIKAISEN LAUHTTEEN PAISUNTA-ASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+120	1/-1 bar			800		0,7	1998
PL430	S-1049	TYHJIÖKAIVO	Ahlström Machinery Oy	Pressure Vessel		0...+120	1/-1 bar			1000		1,2	1998
PL430	S-1048	SEK.LAUHTTEEN PUMPPAUSASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			1600		5,1	1998



12.8.2010

Proj.	Manuf.n:o	Equipment	Client	Product	Mat.	T/°C	Ps	Desing Code	kg	Ø mm	T/T,H/H	m3	Year
PL430	S-1047	PRIM.LAUHTEEN PUMPPAUSASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			1700		7,1	1998
PL430	S-1046	METANOLIKOLONNI	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			850		6,5	1998
PL430	S-1045	LIKAISLAUHTEEN PINTA-ASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			500		0,2	1998
PL430	S-1044	PRIM.LAUHTEEN PINTA-ASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+250	14/-1 bar			500		0,2	1998
PL430	S-1043,1042	PRIM.LAUHTEEN PINTA-ASTIA, 2 KPL	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			500		0,2	1998
PL430	S-1038	SEK.LAUHTEEN PAISUNTA-ASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			800		0,7	1998
PL430	S-1037	LIKAISLAUHTEEN PAISUNTA-ASTIA	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			700		0,5	1998
PL430	S-1033	STRIPPAUSKOLONNI	Ahlström Machinery Oy	Pressure Vessel		0...+159	5/-1 bar			2600		77,0	1998
MH429	S-1107	WATER TRAP TANK	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6/-1 bar			1000		0,8	1998
MH429	S-1108-1112	PUMPING TANK, 5 PCS	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar			508		0,3	1998
MH429	S-1113-1116	DROPLET SEPARATOR, 4 PCS	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar			600		0,3	1998
MH429	S-1117	LVHC GAS COLLECTION TANK	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar			1000		1,0	1998
MH429	S-1100-1102	DROPLET SEPARATOR, 3 PCS	Kvaerner Pulping Oy	Pressure Vessel		0...+250	6 bar			600		0,3	1998
MH429	S-1035,1036	PUMPING TANK, 2 PCS	Kvaerner Pulping Oy	Pressure Vessel		0...+250	7 bar			508		0,4	1998
PL427	S-1027	PUMPING TANK	Metsä-Botnia Oy Ab	Pressure Vessel		0...+160	5(-1) bar			508		0,2	1997
PL427	S-1026	DROPLET SEPARATOR	Metsä-Botnia Oy Ab	Pressure Vessel		0...+160	5(-1) bar			609,6		0,4	1997
MH426	S-1041	VALKAISUREAKTORI	Oy Keskuslaboratorio	Pressure Vessel		120	10/0 bar			323,9/355,6			1997
MH424	S-1029	ÖLJY / TYPIAKKU	Sunds Defibrator Loviisa Oy	Pressure Vessel		-10...+80	6 bar			1900		10,0	1997
PL421	S-1028	DROPLET SEPARATOR	Metsäliitto SW Oy	Pressure Vessel		0...+160	5(-1) bar			508		0,2	1997
MH420	S-1039	CO2-SÄILIÖ 40 m3	Polargas Oy Ab	Pressure Vessel		-40...+40	20 bar			2700		40,0	1998
PL414	S-1031,1032	BLOW DOWN TANKS, 2 PCS	Foster Wheeler Energia Oy	Pressure Vessel	CS	0...+200	2 bar			1300		3,0	1997
PL414	S-1020,1021	BLOW DOWN TANKS, 2 PCS	Foster Wheeler Energia Oy	Pressure Vessel	CS	0...+200	3 bar			1300		3,0	1997
MH413	S-1018	HILIDIOKSIDISÄILIÖ300 m3	Polargas Oy Ab	Pressure Vessel	CS	-40...+40	20 bar			4000		300,0	1997
PL412	S-1040	FEED WATER TANK AND DEAEARTOR	Ahlström Machinery Oy	Pressure Vessel	CS	0...+220	16 bar			4400		342,0	1997
PL412	S-1023	LAUHEIDEN PAISUNTASÄILIÖ	Ahlström Machinery Oy	Pressure Vessel		0...+300	16/-1 bar			1300		20,8	1997
PL411	S-1030	VARAVESISÄILIÖ	Ahlström Machinery Oy	Pressure Vessel		0...+50	static			4000		100,0	1997
PL411	S-1025	YLIVUOTO PAISUNTASÄILIÖ	Ahlström Machinery Oy	Pressure Vessel		0...+300	16/-1 bar			1500		5,0	1997
PL411	S-1024	LAUHEIDEN PAISUNTASÄILIÖ	Ahlström Machinery Oy	Pressure Vessel		0...+300	16/-1 bar			1300		2,0	1997
PL411	S-1022	OMALAUHDESÄILIÖ	Ahlström Machinery Oy	Pressure Vessel		0...+250	6/-1 bar			1800		5,0	1997
PL411	S-1017	PÄÄLAUHDESÄILIÖ	Ahlström Machinery Oy	Pressure Vessel		0...+350	6/-1 bar			1600		5,0	1997
PL411	S-1016	PÄÄLAUHDESÄILIÖ	Ahlström Machinery Oy	Pressure Vessel		0...+200	6 bar			3500		900,0	1997
PL410	S-1095	LAUHTEEN PATRUUNASUODATIN	Vesi-Pauli Oy	Pressure Vessel		0...+130	12,5 bar			550		0,3	1997
MH407	S-1007	TÄRPÄTIN EROTUSSÄILIÖ	Metsä-Rauma Oy Ab	Pressure Vessel		0...+120	0,8/-1 bar			1380		2,3	1997







