

Instrumentation-List / Instrumentierungsliste



Steinecker plant
Postfach 1853
85318 Freising - Attaching
Germany

Customer/Kunde: Niagara Bottling LLC
Project/Projekt: Syrup - Room
Order no/Auftragsnr.: 7009321
P&ID-no./RI-Fließbild-Nr.: X-Z00-06-7764-010

Date - Datum: 24.11.2008
Sign - Zeichen: Nechnutris

Tag-No. Funktions-Nr.	Sheet Blatt	Manufacturer Hersteller	Description Beschreibung	Type Typ	Part-No. Teile-Nr.	Part / Kap. Teil / Chap.
CWT1*PG41-T128SC	10	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 5,5 kW	0900839608	2. / 14
CWT1*TN01-B101LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
CWT1*TN01-B106LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
CWT1*TN01-B111LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
CWT1*TN01-B112LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
CWT1+TN01	10	Apparatebau Nordhausen	Water buffer tank	300l	0901762998	5. / 20
PDS1*PG17-B051LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
PDS1*PG17-T028SC	30	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 5,5 kW	0900839608	2. / 14
PDS1*PG17-T029SC	30	Allen-Bradley	Frequency converter	Powerflex 70 EC, B, 4,0 kW	0900839607	2. / 14
PDS1*PG54-B141FET	30	Endress+Hauser	Flowmeter	Promass 83F, DN 050	0901764275	2. / 14
PDS1*TN01-B001LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
PDS1*TN01-B006LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
PDS1*TN01-T028SC	30	Allen-Bradley	Frequency converter	Powerflex 70 EC, D, 11 kW	0900839731	2. / 14
PDS1+TN01	30	Apparatebau Nordhausen	Powder dissolving and mixing tank		0901739726	5. / 20
PDS2*PG17-B051LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
PDS2*PG17-T028SC	30	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 5,5 kW	0900839608	2. / 14
PDS2*PG17-T029SC	30	Allen-Bradley	Frequency converter	Powerflex 70 EC, B, 4,0 kW	0900839607	2. / 14
PDS2*PG54-B141FET	30	Endress+Hauser	Flowmeter	Promass 83F, DN 050	0901764275	2. / 14
PDS2*TN01-B001LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
PDS2*TN01-B006LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
PDS2*TN01-T028SC	30	Allen-Bradley	Frequency converter	Powerflex 70 EC, D, 11 kW	0900839731	2. / 14
PDS2+TN01	30	Apparatebau Nordhausen	Powder dissolving and mixing tank		0901739726	5. / 20
RESERVE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SDS0*PG25-B021TET	10	Endress+Hauser	Temperature sensor	TR 47 / TMT 180	0901093176	2. / 14
SDS0*PG25-B031PET	10	Endress+Hauser	Pressure sensor	Cerabar S PMC71, -1...9 bar	0901447055	2. / 14
SDS0*PG25-B032PET	10	Endress+Hauser	Pressure sensor	Cerabar S PMC71, -1...9 bar	0901447055	2. / 14
SDS1+C002-T028SC	10	Allen-Bradley	Frequency converter	Powerflex 70 EC, B, 4,0 kW	0900839607	2. / 14
SDS1+TN01-B006LE	10	Endress+Hauser	Limit switch	Soliphant M FTM50	0901164727	2. / 14
SDS2*PG25-T028SC	10	Allen-Bradley	Frequency converter	Powerflex 70 EC, 3 x 400 V - 480 V	0900839770	2. / 14

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Order no/Auftragsnr.: 7009321
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Tag-No. Funktions-Nr.	Sheet Blatt	Manufacturer Hersteller	Description Beschreibung	Type Typ	Part-No. Teile-Nr.	Part / Kap. Teil / Chap.
SDS2*TN01-B001LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SDS2*TN01-B006LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SDS2*TN01-B011LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SDS2*TN01-B016LET	10	Endress+Hauser	Level probe	Micro pilot M FMR 245	0901761631	2. / 14
SDS2*TN01-B021TET	10	Endress+Hauser	Temperature sensor	TR 47 / TMT 180	0901093176	2. / 14
SDS2+TN01	10	Apparatebau Nordhausen	Sugar mixing tank	20 hl	0901763101	5. / 20
SDS2+TN01-B001LE	10	Endress+Hauser	Limit switch	Soliphant M FTM50	0901164727	2. / 14
SDS2+TN01-B011LE	10	Endress+Hauser	Limit switch	Soliphant M FTM50	0901164727	2. / 14
SDS2+TN01-B041FS	10	Negele	Flow receiver	fws-141	0900747579	2. / 14
SDS3*PG25-T028SC	10	Allen-Bradley	Frequency converter	Powerflex 70 EC, D, 11 kW	0900839731	2. / 14
SDS5*PG25-B021TET	10	Endress+Hauser	Temperature sensor	TR 47 / TMT 180	0901093176	2. / 14
SDS5-HX01	10	GEA Tuchtenhagen	Tubular heat exchanger	VARITUBE E 54-2,0	0901742024	1. / 8
SDS5-HX02	10	GEA Tuchtenhagen	Tubular heat exchanger	VARITUBE E 54-2,0	0901742024	1. / 8
SDS6*TN01-B006LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SDS7*TN01-B006LE	10	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SDS9*PG25-B021TET	10	Endress+Hauser	Temperature sensor	TR 47 / TMT 180	0901093176	2. / 14
SMX0*PG16-B041FET	30	Endress+Hauser	Flowmeter	Promass 83F, DN 050	0901764275	2. / 14
SMX0*PG16-B051LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX0*PG16-B052LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX0*PG16-T028SC	30	Allen-Bradley	Frequency converter	Powerflex 70 EC, B, 4,0 kW	0900839607	2. / 14
SMX0*PG16-T029SC	30	Allen-Bradley	Frequency converter	Powerflex 70 EC, B, 4,0 kW	0900839607	2. / 14
SMX0*PG53-B151LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX0*PG54-B151LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX0*TN41-B141PET	30	Endress+Hauser	Pressure sensor	Cerabar S PMC71, -1...9 bar	0901447055	2. / 14
SMX1*PG16-T028SC	30	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 7,5 kW	0900839693	2. / 14
SMX1*TN01-B001LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX1*TN01-B006LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX1*TN01-B016LET	30	Endress+Hauser	Level probe	Micro pilot M FMR 245	0901761631	2. / 14
SMX1*TN41-B141FET	30	Endress+Hauser	Flowmeter	Promass 83F, DN 050	0901764275	2. / 14
SMX1+TN01	30	Apparatebau Nordhausen	Prefabricated syrup mixing tank		0901739464	5. / 20

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Tag-No. Funkions-Nr.	Sheet Blatt	Manufacturer Hersteller	Description Beschreibung	Type Typ	Part-No. Teile-Nr.	Part / Kap. Teil / Chap.
SMX11*PG42-B121TET	30	Endress+Hauser	Temperature sensor	TR 47 / TMT 180	0901093176	2. / 14
SMX2*PG16-T028SC	30	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 7,5 kW	0900839693	2. / 14
SMX2*TN01-B001LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX2*TN01-B006LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX2*TN01-B016LET	30	Endress+Hauser	Level probe	Micropilot M FMR 245	0901761631	2. / 14
SMX2+ TN01	30	Apparatebau Nordhausen	Prefabricated syrup mixing tank		0901739464	5. / 20
SMX3*PG16-T028SC	30	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 7,5 kW	0900839693	2. / 14
SMX3*TN01-B001LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX3*TN01-B006LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX3*TN01-B016LET	30	Endress+Hauser	Level probe	Micropilot M FMR 245	0901761631	2. / 14
SMX3+ TN01	30	Apparatebau Nordhausen	Prefabricated syrup mixing tank		0901739464	5. / 20
SMX4*PG16-T028SC	30	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 7,5 kW	0900839693	2. / 14
SMX4*TN01-B001LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX4*TN01-B006LE	30	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SMX4*TN01-B016LET	30	Endress+Hauser	Level probe	Micropilot M FMR 245	0901761631	2. / 14
SMX4+ TN01	30	Apparatebau Nordhausen	Prefabricated syrup mixing tank		0901739464	5. / 20
SST+ TN01	20	Apparatebau Nordhausen	Syrup storage tank		0901739643	5. / 20
SST0*PG16-B051LE	20	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SST0*PG16-T028SC	20	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, D, 15 kW	0900839737	2. / 14
SST0*PG63-B151LE	20	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SST1*PG16-T028SC	20	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, D, 15 kW	0900839737	2. / 14
SST1*PG25-B041QET	20	Endress+Hauser	Conductive measuring device	Smartec S CLD134	0901550581	2. / 14
SST1*TN01-B001LE	20	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SST1*TN01-B006LE	20	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	0900634261	2. / 14
SST1*TN01-B016LET	20	Endress+Hauser	Level probe	Micropilot M FMR 245	0901761631	2. / 14

List of material sorted according to the description

Materialliste - nach Beschreibung sortiert



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Project: Syrup Room

Projekt:

Customer: NIAGARA BOTTLING LLC

Kunde: ONTARIO / USA

Part / Chapter Teil / Kapitel	Manufacturer Hersteller	Description Beschreibung	Type Typ	Quantity Anzahl	Part-No. Teile-Nr.	Remarks Bemerkung
1. / 6	Promitec	Agitator	DDS41322 FU	2	0901765632	
2. / 13	Wilka	Bimetal thermometer	R52.100, 0-200 °C	3	0901051847	
1. / 11	EBRO	Butterfly valve	Z011-A / EB 6 DW, DN200, pneum.	2	0901755333	
2. / 14	Endress+Hauser	Conductive measuring device	Smartec S CLD134	1	0901550581	
2. / 14	Allen-Bradley	Control panel	20-HIM-A3	17	0900030638	
3. / 18	Hirschmann	DC power supply	RPS 80 EEC	1	0901341680	
2. / 14	Allen-Bradley	DeviceNet Adapter	20-COMM-D	18	0900030647	
1. / 7	Amtron	Diaphragm pressure expansion vessel	AX-40(V)	1	0901783074	
3. / 17	Pilz	Emergency stop relay	PNOZ s4	1	0901474392	
3. / 16	Moeller	Emergency switch	M 22	5	CB65070081	
1. / 5	Sartorius	Filter candle	5181507T9---EK-B	1	0184900049	
1. / 5	Sartorius	Filter candle	Sartopure-PP 2 5592520	16	0901581457	
2. / 14	Negele	Flow receiver	fws-141	1	0900747579	
2. / 14	Endress+Hauser	Flowmeter	Promass 83F, DN 050	4	0901764275	
2. / 14	Allen-Bradley	Frequency converter	Powerflex 70 EC, 3 x 400 V - 480 V	1	0900839770	
2. / 14	Allen-Bradley	Frequency converter	Powerflex 70 EC, B, 4,0 kW	5	0900839607	
2. / 14	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 5,5 kW	3	0900839608	
2. / 14	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 7,5 kW	4	0900839693	
2. / 14	Allen-Bradley	Frequency converter	Powerflex 70 EC, D, 11 kW	3	0900839731	
2. / 14	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, D, 15 kW	2	0900839737	
1. / 6	Nash Elmo	Gas ring vacuum compressor	G-BH1	1	0901763965	
1. / 5	Sartorius	Housing	Mini-DG, DN25	1	0951849015	
1. / 5	Sartorius	Housing	Syrup filter	2	0901769473	
2. / 13	Tuchenhausen	Housing	VARIVENT-Inline, DN65	3	0901203604	
2. / 13	Südmö Components	Housing	VARIVENT-Inline, DN80	1	0901235231	

List of material sorted according to the description

Materialliste - nach Beschreibung sortiert



Steinecker plant
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85318 Freising - Attaching
Germany
Date - Datum: 24.11.2008
Sign - Zeichen: Nechutniss

Project: Syrup Room
Projekt:
Customer: NIAGARA BOTTLING LLC
Kunde: ONTARIO / USA

Part / Chapter Teil / Kapitel	Manufacturer Hersteller	Description Beschreibung	Type Typ	Quantity Anzahl	Part-No. Teile-Nr.	Remarks Bemerkung
2. / 14	ACM-Ingenieurgesellschaft	Laser refractometer	LR.11	1	0901763601	
2. / 14	Endress+Hauser	Level probe	MicroPilot M FMR 245	6	0901761631	
2. / 14	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	33	0900634261	
2. / 14	Endress+Hauser	Limit switch	Soliphant M FTM50	3	0901164727	
2. / 13	Körting	Liquid jet mixing nozzle	G2	5	0901791351	
1. / 8	SWEP	Plate heat exchanger	B 65L	1	0901755100	
1. / 8	Thermowave	Plate heat exchanger	TL 400 FBXV	1	0901751154	
5. / 20	Apparatebau Nordhausen	Powder dissolving and mixing tank	SITOP modular 40 A, 3 phase	2	0901739726	
3. / 18	Siemens	Power supply	SITOP modular 5A, 1 phase	1	0900171629	
3. / 18	Siemens	Power supply		1	0900171535	
5. / 20	Apparatebau Nordhausen	Prefabricated syrup mixing tank		4	0901739464	
2. / 13	WIKA	Pressure gauge	232.50.100, 0...10 bar	1	0901145946	
3. / 15	Festo	Pressure gauge	MA 50-16	4	0761800060	
2. / 13	Armaturenbau	Pressure gauge	RCHG 100-3, 0...10 bar, MDM 734	1	0901726941	
3. / 15	Festo	Pressure regulating valve	LFR-1/2-D-5M-O-MIDI	4	0900730099	
2. / 14	Endress+Hauser	Pressure sensor	Cerabar S PMC71, -1...9 bar	3	0901447055	
3. / 16	Barcontrol	Pressure switch	PDS-1-008-M-2-2, 0,5... 8 bar	4	0900786150	
4. / 19	APV	Pumps and fittings	Buffer tank	1	0901763217	
4. / 19	APV	Pumps and valves	Batch Tank 1-4	1	0901763234	
4. / 19	APV	Pumps and valves	Cooler	1	0901763216	
4. / 19	APV	Pumps and valves	Filter	1	0901763214	
4. / 19	APV	Pumps and valves	Mixing tanks 1+2	1	0901763218	
4. / 19	APV	Pumps and valves	new Valves	1	0901763237	
4. / 19	APV	Pumps and valves	Routing	1	0901763235	
4. / 19	APV	Pumps and valves	Sugar Dissolver	1	0901763212	

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Kunde: ONTARIO / USA

Part / Chapter Teil / Kapitel	Manufacturer Hersteller	Description Beschreibung	Type Typ	Quantity Anzahl	Part-No. Teile-Nr.	Remarks Bemerkung
4. / 19	APV	Pumps and valves	Syrup tank	1	0901763236	
2. / 13	Honeywell	Refilling combination	NIK295, DN 015	1	0900817953	
1. / 10	Samson	Regulating valve	3241 / 3277 / 3730-1, DN50, pneurr	1	0901117809	
3. / 16	Moeller	Safety switch	P1-25/I2/SVB/HI11, 7,5 kW	16	CB65090512	
3. / 16	Moeller	Safety switch	P1-32/I2/SVB/HI11, 13 kW	5	CB65090513	
3. / 16	Moeller	Safety switch	P3-63/I4/SVB/HI11, 30 kW	3	CB65090514	
2. / 12	Leser	Standard safety valve	437, 8 bar, DN10	1	CA40620235	
5. / 20	Apparatebau Nordhausen	Sugar mixing tank	20 hl	1	0901763101	
1. / 7	Buhler	Sugarhopper with 2 screw conveyors		1	0901778616	
5. / 20	Apparatebau Nordhausen	Syrup storage tank		1	0901739643	
2. / 14	Endress+Hauser	Temperature sensor	TR 47 / TMT 180	5	0901093176	
1. / 8	GEA Tuchenhagen	Tubular heat exchanger	VARITUBE E 37-2,0	1	0901742619	
1. / 8	GEA Tuchenhagen	Tubular heat exchanger	VARITUBE E 54-2,0	2	0901742024	
1. / 9	Bornemann	Twin screw pump	SLH 80-20, 2,2 kW	2	0901763318	
3. / 18	APC	Uninterruptible power supply	Smart UPS RT 750VA 120V, SUA	1	0901025653	
3. / 18	APC	Uninterruptible power supply	Smart-UPS 1500VA USB & Serial F	1	0900805470	
3. / 15	Festo	Valve	HE-1/2-MIDI 162810	4	0900012950	
3. / 15	Festo	Valve terminal	CPV10-VI	18	0901393082	
5. / 20	Apparatebau Nordhausen	Water buffer tank	300l	1	0901762998	

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Kunde: ONTARIO / USA

Part / Chapter Teil / Kapitel	Manufacturer Hersteller	Description Beschreibung	Type Typ	Quantity Anzahl	Part-No. Teile-Nr.	Remarks Bemerkung
2. / 14	ACM-Ingenieurgemeins	Laser refractometer	LR.11	1	0901763601	
2. / 14	Allen-Bradley	Control panel	20-HIM-A3	17	0900030638	
2. / 14	Allen-Bradley	DeviceNet Adapter	20-COMM-D	18	0900030647	
2. / 14	Allen-Bradley	Frequency converter	Powerflex 70 EC, 3 x 400 V - 480 V /	1	0900839770	
2. / 14	Allen-Bradley	Frequency converter	Powerflex 70 EC, B, 4,0 kW	5	0900839607	
2. / 14	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 5,5 kW	3	0900839608	
2. / 14	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, C, 7,5 kW	4	0900839693	
2. / 14	Allen-Bradley	Frequency converter	Powerflex 70 EC, D, 11 kW	3	0900839731	
2. / 14	Allen-Bradley	Frequency converter	POWERFLEX 70 EC, D, 15 kW	2	0900839737	
1. / 7	Amtrol	Diaphragm pressure expansion vesse	AX-40(V)	1	0901783074	
3. / 18	APC	Uninterruptible power supply	Smart UPS RT 750VA 120V, SUA 7E	1	0901025653	
3. / 18	APC	Uninterruptible power supply	Smart-UPS 1500VA USB & Serial RM	1	0900805470	
5. / 20	Apparatebau Nordhaus	Powder dissolving and mixing tank		2	0901739726	
5. / 20	Apparatebau Nordhaus	Prefabricated syrup mixing tank		4	0901739464	
5. / 20	Apparatebau Nordhaus	Sugar mixing tank	20 hl	1	0901763101	
5. / 20	Apparatebau Nordhaus	Syrup storage tank		1	0901739643	
5. / 20	Apparatebau Nordhaus	Water buffer tank	300l	1	0901762998	
4. / 19	APV	Pumps and fittings	Buffer tank	1	0901763217	
4. / 19	APV	Pumps and valves	Batch Tank 1-4	1	0901763234	
4. / 19	APV	Pumps and valves	Cooler	1	0901763216	
4. / 19	APV	Pumps and valves	Filter	1	0901763214	
4. / 19	APV	Pumps and valves	Mixing tanks 1+2	1	0901763218	
4. / 19	APV	Pumps and valves	new Valves	1	0901763237	
4. / 19	APV	Pumps and valves	Routing	1	0901763235	
4. / 19	APV	Pumps and valves	Sugar Dissolver	1	0901763212	

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4. / 19	APV	Pumps and valves	Syrup tank	1	0901763236	
2. / 13	Armaturenbau	Pressure gauge	RCHG 100-3, 0...10 bar, MDM 7340	1	0901726941	
3. / 16	Barcontrol	Pressure switch	PDS-1-008-M-2-2, 0,5... 8 bar	4	0900786150	
1. / 9	Bornemann	Twin screw pump	SLH 80-20, 2,2 kW	2	0901763318	
1. / 7	Buhler	Sugarhopper with 2 screw conveyors		1	0901778616	
1. / 11	EBRO	Butterfly valve	Z011-A / EB 6 DW, DN200, pneum.	2	0901755333	
2. / 14	Endress+Hauser	Conductive measuring device	Smartec S CLD134	1	0901550581	
2. / 14	Endress+Hauser	Flowmeter	Promass 83F, DN 050	4	0901764275	
2. / 14	Endress+Hauser	Level probe	Microplot M FMR 245	6	0901761631	
2. / 14	Endress+Hauser	Limit switch	liquiphant T FTL 20 H	33	0900634261	
2. / 14	Endress+Hauser	Limit switch	Soliphant M FTM50	3	0901164727	
2. / 14	Endress+Hauser	Pressure sensor	Cerabar S PMC71, -1...9 bar	3	0901447055	
2. / 14	Endress+Hauser	Temperature sensor	TR 47 / TMT 180	5	0901093176	
3. / 15	Festo	Pressure gauge	MA 50-16	4	0761800060	
3. / 15	Festo	Pressure regulating valve	LFR-1/2-D-5M-O-MIDI	4	0900730099	
3. / 15	Festo	Valve	HE-1/2-MIDI 162810	4	0900012950	
3. / 15	Festo	Valve terminal	CPV10-VI	18	0901393082	
1. / 8	GEA Tuchenhagen	Tubular heat exchanger	VARITUBE E 37-2,0	1	0901742619	
1. / 8	GEA Tuchenhagen	Tubular heat exchanger	VARITUBE E 54-2,0	2	0901742024	
3. / 18	Hirschmann	DC power supply	RPS 80 EEC	1	0901341680	
2. / 13	Honeywell	Refilling combination	NK295, DN 015	1	0900817953	
2. / 13	Körting	Liquid jet mixing nozzle	G2	5	0901791351	
2. / 12	Leser	Standard safety valve	437, 8 bar, DN10	1	CA40620235	
3. / 16	Moeller	Emergency switch	M 22	5	CB65070081	
3. / 16	Moeller	Safety switch	P1-25/I2/SVB/H111, 7,5 kW	16	CB65090512	