



SFC Umwelttechnik GmbH

MOTOR STARTER

 Project: COV ZNOJMO C-TECH
 Date: xx.05.2021

Item No	P&ID	Specification	Brand / Type	Starter	Rated Power kW	Rated Voltage V	Rated Current A	Starting Current DOL A	Protection device 1	Protection device 2	Cable included / Connection type	MCC / PAC	Remarks	Cables
22.M1	BC XM 01	Inlet Penstock Tank 1	AUMA SA 10.2 (TPA00L1AB-101-000.pdf)	DOLR	0,40	400	2,50	8,50	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M10	BC KM 10	Selector Air Valve Tank 1	AUMA SQ 05.2 (TPA00R1AA-101-000.pdf)	DOLR	0,02	400	0,40	1,00	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M11	BC KM 11	Air Valve 1 Tank 1	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M12	BC KM 12	Air Valve 2 Tank 1	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M13	BC KM 13	Air Valve 3 Tank 1	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M14	BC KM 14	Air Valve 4 Tank 1	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M15	BC KM 15	Air Valve 5 Tank 1	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M16	BC PM 11	RAS Pump Tank 1	HIDROSTAL D06U-MLN3+DNYK6-SEQ1CF+NA1A1EA-10-1,3kW	VFD	1,30	400	4,00	14,80	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.1	local connection box	7x1,5 PE
22.M17	BC PM 12	SAS Pump Tank 1	HIDROSTAL D04U-LMN3+DN003X4-GSEQ1CF+NW1A2EA-10-2,2kW	DOL	2,20	400	5,50	27,50	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.1	local connection box	7x1,5 PE
22.M18	BC SM 01	SAS Valve Tank 1	AUMA SA 07.6 (TPA00R1AB-101-000.pdf)	DOLR	0,40	400	1,60	8,00	BIMETAL	-		RM22.1	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M19	BC AM 01	Decanter Tank 1	NORD - SK573.1F-80L/4 TF SH	VFD	0,75	400	2,10		PTC	-		RM22.1	ATH 230VAC	4x1,5 PE; 2x1 SH; 3x1,5 PE; 9x1 PE; 18x1 PE
22.M2	BC XM 02	Inlet Penstock Tank 2	AUMA SA 10.2 (TPA00L1AB-101-000.pdf)	DOLR	0,40	400	2,50	8,50	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M20	BC KM 20	Selector Air Valve Tank 2	AUMA SQ 05.2 (TPA00R1AA-101-000.pdf)	DOLR	0,02	400	0,40	1,00	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M21	BC KM 21	Air Valve 1 Tank 2	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M22	BC KM 22	Air Valve 2 Tank 2	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M23	BC KM 23	Air Valve 3 Tank 2	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M24	BC KM 24	Air Valve 4 Tank 2	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M25	BC KM 25	Air Valve 5 Tank 2	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M26	BC PM 21	RAS Pump Tank 2	HIDROSTAL D06U-MLN3+DNYK6-SEQ1CF+NA1A1EA-10-1,3kW	VFD	1,30	400	4,00	14,80	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.2	local connection box	7x1,5 PE
22.M27	BC PM 22	SAS Pump Tank 2	HIDROSTAL D04U-LMN3+DN003X4-GSEQ1CF+NW1A2EA-10-2,2kW	DOL	2,20	400	5,50	27,50	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.2	local connection box	7x1,5 PE
22.M28	BC SM 02	SAS Valve Tank 2	AUMA SA 07.6 (TPA00R1AB-101-000.pdf)	DOLR	0,40	400	1,60	8,00	BIMETAL	-		RM22.2	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M29	BC AM 01	Decanter Tank 1	NORD - SK573.1F-80L/4 TF SH	VFD	0,75	400	2,10		PTC	-		RM22.2	ATH 230VAC	4x1,5 PE; 2x1 SH; 3x1,5 PE; 9x1 PE; 18x1 PE
22.M3	BC XM 03	Inlet Penstock Tank 3	AUMA SA 10.2 (TPA00L1AB-101-000.pdf)	DOLR	0,40	400	2,50	8,50	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M30	BC KM 30	Selector Air Valve Tank 3	AUMA SQ 05.2 (TPA00R1AA-101-000.pdf)	DOLR	0,02	400	0,40	1,00	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M31	BC KM 31	Air Valve 1 Tank 3	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M32	BC KM 32	Air Valve 2 Tank 3	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M33	BC KM 33	Air Valve 3 Tank 3	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M34	BC KM 34	Air Valve 4 Tank 3	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M35	BC KM 35	Air Valve 5 Tank 3	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M36	BC PM 31	RAS Pump Tank 3	HIDROSTAL D06U-MLN3+DNYK6-SEQ1CF+NA1A1EA-10-1,3kW	VFD	1,30	400	4,00	14,80	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.3	local connection box	7x1,5 PE
22.M37	BC PM 32	SAS Pump Tank 3	HIDROSTAL D04U-LMN3+DN003X4-GSEQ1CF+NW1A2EA-10-2,2kW	DOL	2,20	400	5,50	27,50	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.3	local connection box	7x1,5 PE
22.M38	BC SM 03	SAS Valve Tank 3	AUMA SA 07.6 (TPA00R1AB-101-000.pdf)	DOLR	0,40	400	1,60	8,00	BIMETAL	-		RM22.3	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M39	BC AM 01	Decanter Tank 1	NORD - SK573.1F-80L/4 TF SH	VFD	0,75	400	2,10		PTC	-		RM22.3	ATH 230VAC	4x1,5 PE; 2x1 SH; 3x1,5 PE; 9x1 PE; 18x1 PE
22.M4	BC XM 04	Inlet Penstock Tank 4	AUMA SA 10.2 (TPA00L1AB-101-000.pdf)	DOLR	0,40	400	2,50	8,50	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M40	BC KM 40	Selector Air Valve Tank 4	AUMA SQ 05.2 (TPA00R1AA-101-000.pdf)	DOLR	0,02	400	0,40	1,00	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M41	BC KM 41	Air Valve 1 Tank 4	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M42	BC KM 42	Air Valve 2 Tank 4	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M43	BC KM 43	Air Valve 3 Tank 4	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M44	BC KM 44	Air Valve 4 Tank 4	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M45	BC KM 45	Air Valve 5 Tank 4	AUMA SQ 07.2 (TPA00R1AA-101-000.pdf)	DOLR	0,03	400	0,40	1,00	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M46	BC PM 41	RAS Pump Tank 4	HIDROSTAL D06U-MLN3+DNYK6-SEQ1CF+NA1A1EA-10-1,3kW	VFD	1,30	400	4,00	14,80	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.4	local connection box	7x1,5 PE
22.M47	BC PM 42	SAS Pump Tank 4	HIDROSTAL D04U-LMN3+DN003X4-GSEQ1CF+NW1A2EA-10-2,2kW	DOL	2,20	400	5,50	27,50	THERMISTOR	Relais TR01-60	7 x 1,5mm2	RM22.4	local connection box	7x1,5 PE
22.M48	BC SM 04	SAS Valve Tank 4	AUMA SA 07.6 (TPA00R1AB-101-000.pdf)	DOLR	0,40	400	1,60	8,00	BIMETAL	-		RM22.4	HEATER 230VAC	4x1,5 PE; 14x1 PE
22.M49	BC AM 01	Decanter Tank 1	NORD - SK573.1F-80L/4 TF SH	VFD	0,75	400	2,10		PTC	-		RM22.4	ATH 230VAC	4x1,5 PE; 2x1 SH; 3x1,5 PE; 9x1 PE; 18x1 PE
21.M8		Air to Effluent Valve Tank 1/2	AUMA SQ 05.2 (TPA00R1AA-101-000.pdf)	DOLR	0,02	400	0,40	1,00	BIMETAL	-		RM21	HEATER 230VAC	4x1,5 PE; 14x1 PE
21.M9		Air to Effluent Valve Tank 3/4	AUMA SQ 05.2 (TPA00R1AA-101-000.pdf)	DOLR	0,02	400	0,40	1,00	BIMETAL	-		RM21	HEATER 230VAC	4x1,5 PE; 14x1 PE



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Project: COV ZNOJMO C-TECH

Date: xx.05.2021

Item No	P&ID	Specification	Brand / Type	Mains required	Power kW	Voltage V	Current A	Fuse A	Cable included / Connection type	MCC / PAC	Remarks	Cables
21.M1	BC VM 01	Blower 1		3L/PE	80,00	400	130,00	NH 160		RM21		4x70 PE
21.M2	BC VM 02	Blower 2		3L/PE	80,00	400	130,00	NH 160		RM21		4x70 PE
21.M3	BC VM 03	Blower 3		3L/PE	80,00	400	130,00	NH 160		RM21		4x70 PE
21.M4	BC VM 04	Blower 4		3L/PE	80,00	400	130,00	NH 160		RM21		4x70 PE
21.M5	BC VM 05	Blower 5		3L/PE	80,00	400	130,00	NH 160		RM21		4x70 PE
21.M6	BC VM 06	Blower 6		3L/PE	80,00	400	130,00	NH 160		RM21		4x70 PE
21.M21	PF PM 01	Fe3Cl- Dosing pump 1	Prominent GAMMA/ GMXa0424PVT20000U110300.	L/N/PE	0,10	230		2,00		RM21		3x1,5 PE
21.M22	PF PM 02	Fe3Cl- Dosing pump 2	Prominent GAMMA/ GMXa0424PVT20000U110300.	L/N/PE	0,10	230		2,00		RM21		3x1,5 PE
	CQ 44	Sampler C-TECH Effluent	ISCO 5800	L/N/PE		230		13,00		RM21		3x1,5 PE
		Powermeter		L/N/PE		230				RM21		-
RM22.1		MCC Tank 1		3L/N/PE	16,00	400				RM21		5x4 PE
RM22.2		MCC Tank 2		3L/N/PE	16,00	400				RM21		5x4 PE
RM22.3		MCC Tank 3		3L/N/PE	16,00	400				RM21		5x4 PE
RM22.4		MCC Tank 4		3L/N/PE	16,00	400				RM21		5x4 PE
		UPS system		L/N/PE	2,50	230				RM21		3x1,5 PE
RM22.1		UPS supply Tank 1		L/N/PE	0,50	230				RM21		3x1,5 PE
RM22.2		UPS supply Tank 2		L/N/PE	0,50	230				RM21		3x1,5 PE
RM22.3		UPS supply Tank 3		L/N/PE	0,50	230				RM21		3x1,5 PE
RM22.4		UPS supply Tank 4		L/N/PE	0,50	230				RM21		3x1,5 PE
DT2		Blower panel	????	3L/PE		400		NH80		RM21		4x16 PE
RS01		Ventilation panel	????	3L/PE		400		NH25		RM21		4x2,5 PE
		DC power supply unit	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM21		-
		DC power supply unit	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM21		-
		DC power supply unit Tank 1	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.1		-
		DC power supply unit Tank 1	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.1		-
		DC power supply unit Tank 2	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.2		-
		DC power supply unit Tank 2	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.2		-
		DC power supply unit Tank 3	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.3		-
		DC power supply unit Tank 3	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.3		-
		DC power supply unit Tank 4	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.4		-
		DC power supply unit Tank 4	230V/50Hz - 24VDC /10A	L/N/PE		UPS 230				RM22.4		-
PLC2		PLC Controller and IO	Allen Bradley 5059 Controller + 5069 IO			24DC				RM21		-
PLC2.1		PLC IO Tank 1	Allen Bradley 5069 IO			24DC				RM22.1		-
PLC2.2		PLC IO Tank 2	Allen Bradley 5069 IO			24DC				RM22.2		-
PLC2.3		PLC IO Tank 3	Allen Bradley 5069 IO			24DC				RM22.3		-
PLC2.4		PLC IO Tank 4	Allen Bradley 5069 IO			24DC				RM22.4		-



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Project: **COV ZNOJMO C-TECH**
Date: xx.05.2021

Item No	P&ID	Specification	Brand / Type	Mains required	Power kW	Voltage V	Current A	Fuse A	Cable included / Connection type	MCC / PAC	Remarks	Cables



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VALVE LIST

 Project: **COV ZNOJMO C-TECH**
 Date: xx.05.2021

Item	P&ID	Specification	Brand / Type	Actuator Type	Actuator Control		Position Feedback	Cable included / Connection type	MCC / PAC	Remarks	Cables
22.YV11	BC VM 11	Air Release Valve 1 Tank 1	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.1		3x1,5 PE
22.YV12	BC VM 12	Air Release Valve 2 Tank 1	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.1		3x1,5 PE
22.YV13	BC VM 13	Air Release Valve 3 Tank 1	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.1		3x1,5 PE
22.YV14	BC VM 14	Air Release Valve 4 Tank 1	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.1		3x1,5 PE
22.YV15	BC VM 15	Air Release Valve 5 Tank 1	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.1		3x1,5 PE
22.YV21	BC VM 21	Air Release Valve 1 Tank 2	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.2		3x1,5 PE
22.YV22	BC VM 22	Air Release Valve 2 Tank 2	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.2		3x1,5 PE
22.YV23	BC VM 23	Air Release Valve 3 Tank 2	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.2		3x1,5 PE
22.YV24	BC VM 24	Air Release Valve 4 Tank 2	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.2		3x1,5 PE
22.YV25	BC VM 25	Air Release Valve 5 Tank 2	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.2		3x1,5 PE
22.YV31	BC VM 31	Air Release Valve 1 Tank 3	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.3		3x1,5 PE
22.YV32	BC VM 32	Air Release Valve 2 Tank 3	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.3		3x1,5 PE
22.YV33	BC VM 33	Air Release Valve 3 Tank 3	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.3		3x1,5 PE
22.YV34	BC VM 34	Air Release Valve 4 Tank 3	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.3		3x1,5 PE
22.YV35	BC VM 35	Air Release Valve 5 Tank 3	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.3		3x1,5 PE
22.YV41	BC VM 41	Air Release Valve 1 Tank 4	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.4		3x1,5 PE
22.YV42	BC VM 42	Air Release Valve 2 Tank 4	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.4		3x1,5 PE
22.YV43	BC VM 43	Air Release Valve 3 Tank 4	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.4		3x1,5 PE
22.YV44	BC VM 44	Air Release Valve 4 Tank 4	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.4		3x1,5 PE
22.YV45	BC VM 45	Air Release Valve 5 Tank 4	CFB-D24E-WX	SOLENOID	230		-	DIN 43650 type A	RM22.4		3x1,5 PE



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INSTRUMENT LIST

Project: COV ZNOJMO C-TECH

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Item	P&ID	Specification	Brand / Type	Aux Voltage [V]	Signal type	Cable included / Connection type	MCC / PAC	Range	Unit	Remarks	Cables
	CF 13	Flow Measurement	KROHNE	230 UPS	4-20mA		RM21	0-1800	m3/h		3x1,5 PE; 4x1 sh
	CQ 24 A	Oxygen Mesurement Tank 1	HACH LANGE sc200	230 UPS	4-20mA		RM22.1	0-10	mg/l		3x1,5 PE; 7x1 sh
		Temperature Measurement Tank 1			4-20mA			0-50	°C		
	CQ 14 A	MLSS Measurement Tank 1			4-20mA						
	CL 14 A	Level Measurement Tank 1	VEGABAR 86	24DC loop	4-20mA		RM22.1	0-4	m		2x1 sh
	CQ 24 B	Oxygen Mesurement Tank 2	HACH LANGE sc200	230 UPS	4-20mA		RM22.2	0-10	mg/l		3x1,5 PE; 7x1 sh
		Temperature Measurement Tank 2			4-20mA			0-50	°C		
	CQ 14 B	MLSS Measurement Tank 2			4-20mA						
	CL 14 B	Level Measurement Tank 2	VEGABAR 86	24DC loop	4-20mA		RM22.2	0-4	m		2x1 sh
	CQ 24 C	Oxygen Mesurement Tank 3	HACH LANGE sc200	230 UPS	4-20mA		RM22.3	0-10	mg/l		3x1,5 PE; 7x1 sh
		Temperature Measurement Tank 3			4-20mA			0-50	°C		
	CQ 14 C	MLSS Measurement Tank 3			4-20mA						
	CL 14 C	Level Measurement Tank 3	VEGABAR 86	24DC loop	4-20mA		RM22.3	0-4	m		2x1 sh
	CQ 24 D	Oxygen Mesurement Tank 4	HACH LANGE sc200	230 UPS	4-20mA		RM22.4	0-10	mg/l		3x1,5 PE; 7x1 sh
		Temperature Measurement Tank 4			4-20mA			0-50	°C		
	CQ 14 D	MLSS Measurement Tank 4			4-20mA						
	CL 14 D	Level Measurement Tank 4	VEGABAR 86	24DC loop	4-20mA		RM22.4	0-4	m		2x1 sh
	CQ 54	PO4-P Sampler Influent		230	4-20mA		RM21	0-10	mg/l		3x1,5 PE; 4x1 sh
	CF 14	Flow Measurement Effluent	KROHNE	230 UPS	4-20mA		RM21				3x1,5 PE; 4x1 sh
	CF 24	Flow Measurement SAS	KROHNE ????	230 UPS	4-20mA		RM21		l/s		3x1,5 PE; 4x1 sh
	CF 34 A	Air Flow Measurement Tank 1/2	Rosemount ITABAR 908523	230 UPS	4-20mA		RM21				3x1,5 PE; 4x1 sh
	CF 34 B	Air Flow Measurement Tank 3/4	Rosemount ITABAR 908523	230 UPS	4-20mA		RM21				3x1,5 PE; 4x1 sh