2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	2x1,5mm2		DO
8	Instrument Interface JB 40' container	32	Beacon in Muster Area Fire		24V	2x1,5mm2		DO
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	4x1,5mm2		DO
8	Instrument Interface JB 40' container	33	Beacon sounder In Air lock Fire		24V	4x1,5mm2		DO
2	Control panel HIMA	34	Beacon Technical room Fire		24V	2x1,5mm2		DO
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	2x1,5mm2		DO
8	Instrument Interface JB 40' container	35	Beacon in Muster Area Gas		24V	2x1,5mm2		DO
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	2x1,5mm2		DO
8	Instrument Interface JB 40' container	36	Beacon In Air lock Gas		24V	2x1,5mm2		DO
2	Control panel HIMA	37	Beacon Technical room Gas		24V	2x1,5mm2		DO
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	2x1,5mm2		DO
8	Instrument Interface JB 40' container	38	Sounder in Air lock Gas		24V	2x1,5mm2		DO
2	Control panel HIMA	39	Solenoid valve F&G-damper Air Outlet		24V	2x1,5mm2		DO
2	Control panel HIMA	40	Solenoid valve F&G-damper Air Inlet		24V	2x1,5mm2		DO
2	Control panel HIMA	41	PRP Solenoid ball valve 1 bottle bank		24V	3x1,5mm2		DO
2	Control panel HIMA	42	PRP Solenoid ball valve 2 bottle bank		24V	3x1,5mm2		DO
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	2x1,5mm2		DO
8	Instrument Interface JB 40' container	43	Solenoid valve damper 1 Air lock		24V	2x1,5mm2		DO
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	3x0,75mm2		DO
8	Instrument Interface JB 40' container	44	Door status light 1 int.		24V	3x0,75mm2		DO
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	3x0,75mm2		DO
8	Instrument Interface JB 40' container	45	Door status light 2 ext.		24V	3x0,75mm2		DO
2	Control panel HIMA	46	Shut down Instrument Compressor		24V	2x0,75mm2		DO
2	Control panel HIMA	47	Shut down Breathing air Compressors		24V	2x0,75mm2		DO
2	Control panel HIMA	48	Shut down Main Distribution Board		24V	2x0,75mm2		DO
2	Control panel HIMA	49	Start HVAC		24V	Cat 5 e cable		Modbus TC-IP
		50	General Alarm from HVAC		24V			Modbus TC-IP
		51	Shut down HVAC Control Panel		24V			Modbus TC-IP
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					24V			
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Document title: Instrument equipment - Cable tag index

Supplier doc. Number:
Client doc. Number:
Rev: 3
Client:
Project No:

Date/Authour: 19/07-2016 / Petter Torbal

pos. No:	From Equipment	pos. No:	To Equipment	Cable lenght	Voltage	Cable size		
1	F&G panel Autronica	3	Toxic Gas Detector 1 in Air intake		24V	4x1,5mm2		Modbus TC-IP
3	Toxic Gas Detector 1 in Air intake	4	Flamable gas Detector 1 in Air intake		24V	4x1,5mm2		Modbus TC-IP
4	Flamable gas Detector 1 in Air intake	5	Toxic Gas Detector 1 in Technical room		24V	4x1,5mm2		Modbus TC-IP
5	Toxic Gas Detector 1 in Technical room	6	Flamable gas Detector in Technical room		24V	4x1,5mm2		Modbus TC-IP
6	Flamable gas Detector in Technical room	7	Toxic Gas Detector 1 in duct down stream H2S filter		24V	4x1,5mm2		Modbus TC-IP
7	Toxic Gas Detector 1 in duct down stream H2S filter	8	Instrument Interface JB 40' container		24V	4x1,5mm2		Modbus TC-IP
8	Instrument Interface JB 40' container	9	Toxic Gas Detector 1 in Air intake Muster area		24V	4x1,5mm2		Modbus TC-IP
9	Toxic Gas Detector 1 in Air intake Muster area	10	Flamable gas Detector in Muster Area		24V	4x1,5mm2		Modbus TC-IP
10	Flamable gas Detector in Muster Area	11	CO2 gas in muster area		24V	4x1,5mm2		Modbus TC-IP
11	CO2 gas in muster area	12	Toxic Gas Detector 1 in Muster Area		24V	4x1,5mm2		Modbus TC-IP
12	Toxic Gas Detector 1 in Muster Area	13	Flamable gas Detector in Air lock		24V	4x1,5mm2		Modbus TC-IP
13	Flamable gas Detector in Technical room	14	Toxic Gas Detector 1 in Air lock		24V	4x1,5mm2		Modbus TC-IP
14	Toxic Gas Detector 1 in Air lock	8	Instrument Interface JB 40' container		24V	4x1,5mm2		Modbus TC-IP
8	Instrument Interface JB 40' container	1	F&G panel Autronica		24V	4x1,5mm2		Modbus TC-IP
1	F&G panel Autronica	15	Manual Call point inTechnical room		24V	2x0,75mm2		Modbus TC-IP
15	Manual Call point inTechnical room	16	Smoke optical detector 1 in Technical room		24V	2x0,75mm2		Modbus TC-IP
16	Smoke optical detector 1 in Technical room	8	Instrument Interface JB 40' container		24V	2x0,75mm2		Modbus TC-IP
8	Instrument Interface JB 40' container	17	Smoke optical detector 1 in Muster Area		24V	2x0,75mm2		Modbus TC-IP
17	Smoke optical detector 1 in Muster Area	18	Manual Call point in Airlock		24V	2x0,75mm2		Modbus TC-IP
18	Manual Call point in Airlock	8	Instrument Interface JB 40' container		24V	2x0,75mm2		Modbus TC-IP
8	Instrument Interface JB 40' container	1	F&G panel Autronica		24V	2x0,75mm2		Modbus TC-IP
2	Control panel HIMA		Flamable gas Detector UPS Hydrogen		24V	4x1,5mm2		AI
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	4x0,75mm2		AI
8	Instrument Interface JB 40' container	19	Delta P pressure transmitter in Air lock		24V	4x0,75mm2		AI
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	4x0,75mm2		AI
8	Instrument Interface JB 40' container	20	Delta P pressure transmitter in Muster Area		24V	4x0,75mm2		AI
2	Control panel HIMA	21	Delta P pressure transmitter in Technical room		24V	4x0,75mm2		AI
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	4x0,75mm2		AI
8	Instrument Interface JB 40' container	22	Temperature transmiter in Muster area		24V	4x0,75mm2		AI
2	Control panel HIMA		Temperature transmiter in Technical room		24V	4x0,75mm2		AI
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	3x0,75mm2		DI
8	Instrument Interface JB 40' container	23	switch damper status in Air lock		24V	3x0,75mm2		DI
2	Control panel HIMA	24	switch damper 1 status in Technical room		24V	3x0,75mm2		DI
2	Control panel HIMA	25	switch damper status in Air intake		24V	3x0,75mm2		DI
2	Control panel HIMA	26	switch ball valve 1 status in PRP panel		24V	3x0,75mm2		DI
2	Control panel HIMA	27	switch ball valve 2 status in PRP panel		24V	3x0,75mm2		DI
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	2x0,75mm2		DI
8	Instrument Interface JB 40' container	28	switch door status in Air Lock (Ext)		24V	2x0,75mm2		DI
2	Control panel HIMA	8	Instrument Interface JB 40' container		24V	2x0,75mm2		DI
8	Instrument Interface JB 40' container	29	switch door status in Air Lock (Int)		24V	2x0,75mm2		DI
2	Control panel HIMA	30	General Alarm from UPS		24V	2x0,75mm2		DI
2	Control panel HIMA	31	Fault H2S filter		24V	2x0,75mm2		DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI
2	Control panel HIMA				24V			DI

2	Control panel HIMA				24V			DI

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rev. 2

Electrical

From Equipment	To Equipment	Cable type	Cable lenght	Voltage	Cable size	
Power supply 230V EXT	Main dist. Board 230		10	230 VAC	4x25mm2	5x16mm2
Power supply 400V EXT	Main dist. Board 400		10	400 VAC	4x16mm2	5x16mm2
Main dist. Board	Transformator 230/400 supply		8	230/400 VAC	4x10mm2	4x10mm2
Main dist. Board	Transformator return 690		8	690 VAC	4x6mm2	4x6mm2
Main dist. Board	Socket for Breathing air compressor 1		4	690 VAC	4x2,5mm2	4x2,5mm2
Main dist. Board	Socket for Breathing air compressor 2		6	690 VAC	4x2,5mm2	4x2,5mm2
Main dist. Board	Transformator return 400		8	400 VAC	4x6mm2	4x6mm2
Main dist. Board	AC control cabinet 3x400		3	400 VAC	3x2,5mm2	3x2,5mm2
Main dist. Board	AC control cabinet 2x230V		3	230 VAC	2x2,5mm2	2x2,5mm2
Main dist. Board	Instrument compressor		9	230 VAC	2x2,5mm2	2x2,5mm2
Main dist. Board	Air handling unit		7	230 VAC	2x2,5mm2	2x2,5mm2
Main dist. Board	Interface JB EL 40' container		7	230 VAC	2x1,5mm2	2x2,5mm2
Interface JB EL 40' container	Light 1 40'		done	230 VAC	2x1,5mm2	2x1,5mm2
Main dist. Board	Light Technical container JB		6	230 VAC	2x1,5mm2	2x2,5mm2
Light Technical container JB	Light 1 Technical container EX		2	230 VAC	3x1,5mm2	3x1,5mm2
Light 1 Technical container EX	Light 2 Technical container		4	230 VAC	2x1,5mm2	2x1,5mm2
Light Technical container JB	Light switch EX		2	230 VAC	3x1,5mm2	3x1,5mm2
Main dist. Board	Socket technical container in cabinet		NA	230 VAC	NA	NA
Main dist. Board	External light 1 (spare)		NA	230 VAC	NA	NA
Main dist. Board	External light 2 (Spare)		NA	230 VAC	NA	NA
Main dist. Board	Safety control system Himatrix		7	230 VAC	2x1,5mm2	2x2,5mm2
Main dist. Board	F&G system Autronica		8	230 VAC	2x1,5mm2	3x1,5mm2
Main dist. Board	Control circuit/PRP flowmeter		6	230 VAC	2x1,5mm2	3x1,5mm2
AC control cabinet	Condenser fan		2	400 VAC	3x1,5mm2	3x1,5mm2
AC control cabinet	Interface JB EL 40' container		7	230 VAC	3x1,5mm2	3x1,5mm2
Interface JB EL 40' container	Evaporater unit		2,5	230 VAC	3x1,5mm2	3x1,5mm2
AC control cabinet	Compressor		2,5	400 VAC	3x1,5mm2	3x1,5mm2
AC control cabinet	Compressor HP/LP		2,5	230 VAC	2x1,5mm2	3x1,5mm2
AC control cabinet	Compressor HP condedncer fan		2,5	230 VAC	2x1,5mm2	3x1,5mm2
AC control cabinet	Compressor crank case heater		2,5	230 VAC	2x1,5mm2	3x1,5mm2
AC control cabinet	Solenoid valve		2,5	230 VAC	2x1,5mm2	3x1,5mm2

missing
changed