



ASPC Project



END CUSTOMER	: Arya Sasol Polymer Company
CONTRACTOR	: DYPNF Co., Ltd.
VENDOR NAME	: Airpack Netherlands BV
EQUIPMENT DESCRIPTION	: Screw Compressor & Roots Blower Package
PURCHASE ORDER NUMBER	: PO-PC2312-08

Customer Document : 3944-VD-0171-DYP-RE-400-DIA-0002
Number

Airpack Document Number : 23383-05

Document Title : Wiring Diagram (including Terminal Diagram)

Review Code and Status		Contractor Initials/Signature	Date signed
<input type="checkbox"/>	Code 1 REJECTED - Vendor to revise and Resubmit. Work cannot proceed		
<input type="checkbox"/>	Code 2 Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments		
<input type="checkbox"/>	Code 3 No Comments - Work may proceed.		
<input type="checkbox"/>	Code 4 Information only - Review not required.		

03	Issued for Approval	03-09-2025	RT	SC	JJ
02	Issued for Approval	16-07-2025	SC	KP	JJ
01	Issued for Approval	28-04-2025	SC	KP	JJ
00	Issued for Approval	17-03-2025	SC	KP	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by



Airpack B.V.

4301 RN Zierikzee
The Netherlands

PHONE: (31) (0) 111 - 415455

FAX: (31) (0) 111 - 413338

E-MAIL : AIRPACK@AIRPACK.NL

WEBPAGE : WWW.AIRPACK.NL

Client	:	Arya Sasol Polymer Company		
Equipment location	:	Iran, Onshore		
Client reference	:	ASPC Project		
Client dwg. no.	:	3944-VD-0171-DYP-RE-400-DIA-0002		
Airpack reference	:	23383-05 Wiring Diagram		
Airpack dwg. no.	:	23383-05		
Generation date	:	4/8/2022		
E & I manager	:	RBE	Revision no.	: 03
Last modifications	:	8/29/2025		
Last modifications by	:	RTR		



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT Title page / cover sheet	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
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LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	1

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COMMENTS ON ELECTRICAL DRAWINGS

LCP AND JB MOUNTED ON SKID
 MATERIAL: SS316
 INGRESS. PROTECTION: IP-66
 AREA CLASSIFICATION:
 LCP & ANALOG JUNCTION BOXES: Ex II 3G IIC T3, EEx'e'

GLANDS: NICKEL PLATED BRASS GLANDS WITHOUT SHROUDS, IP-65, Ex d
 CABLE TRAYS: GALVANIZED STEEL WITH COVER

AMBIENT TEMPERATURE: 5 / 48 °C

REFERENCE DOCUMENTS:

- 23383-03 - 3944-VD-0171-DYP-RE-400-PID-0016 - P&ID
- 23383-06 - 3944-VD-0171-DYP-RE-400-LST-0080 - I/O List
- 23383-07 - 3944-VD-0171-DYP-RE-400-DWG-0003 - JB, LCP LP Cabinet Layout Drawing
- 23383-21 - 3944-VD-0171-DYP-RE-400-PRC-0081 - Control Philosophy

SIGNAL PAIRS	
CURRENT LOOPS	POSITIVE: BLACK NEGATIVE: WHITE
VOLT [FREE] CONTACTS	POSITIVE: BLACK NEGATIVE: WHITE



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	EQUIPMENT NO.	Various			CHECKED BY	RBE	+
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
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		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	2		

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=44C-40001A+44LCP-4001010/2	PUSHBUTTONS	8	8/29/2025	rtriegaardt
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 AIRPACK REF. 23383-05 Wiring Diagram

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CLIENT REF.	ASPC Project
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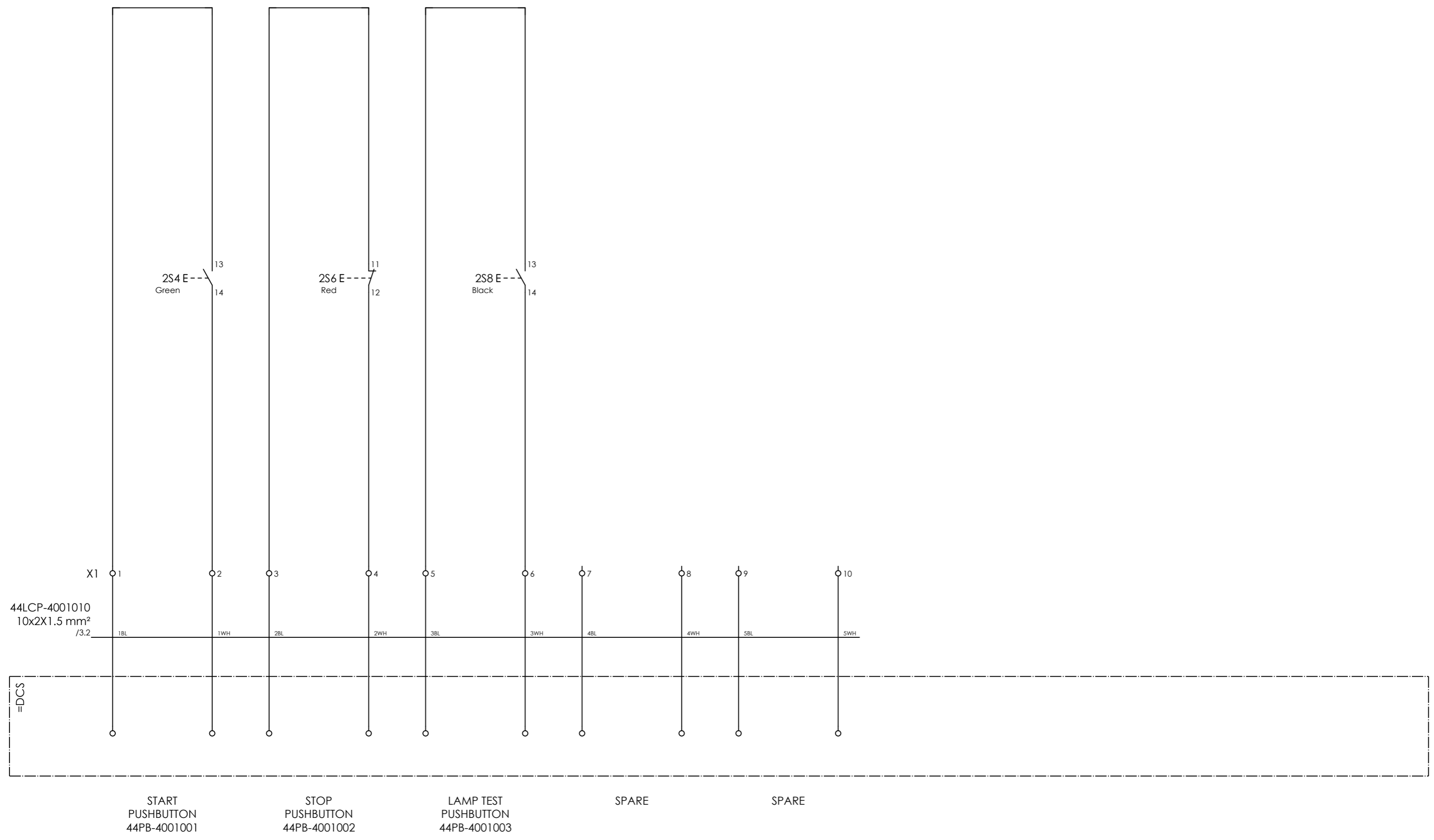
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44LCP-4001010 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS

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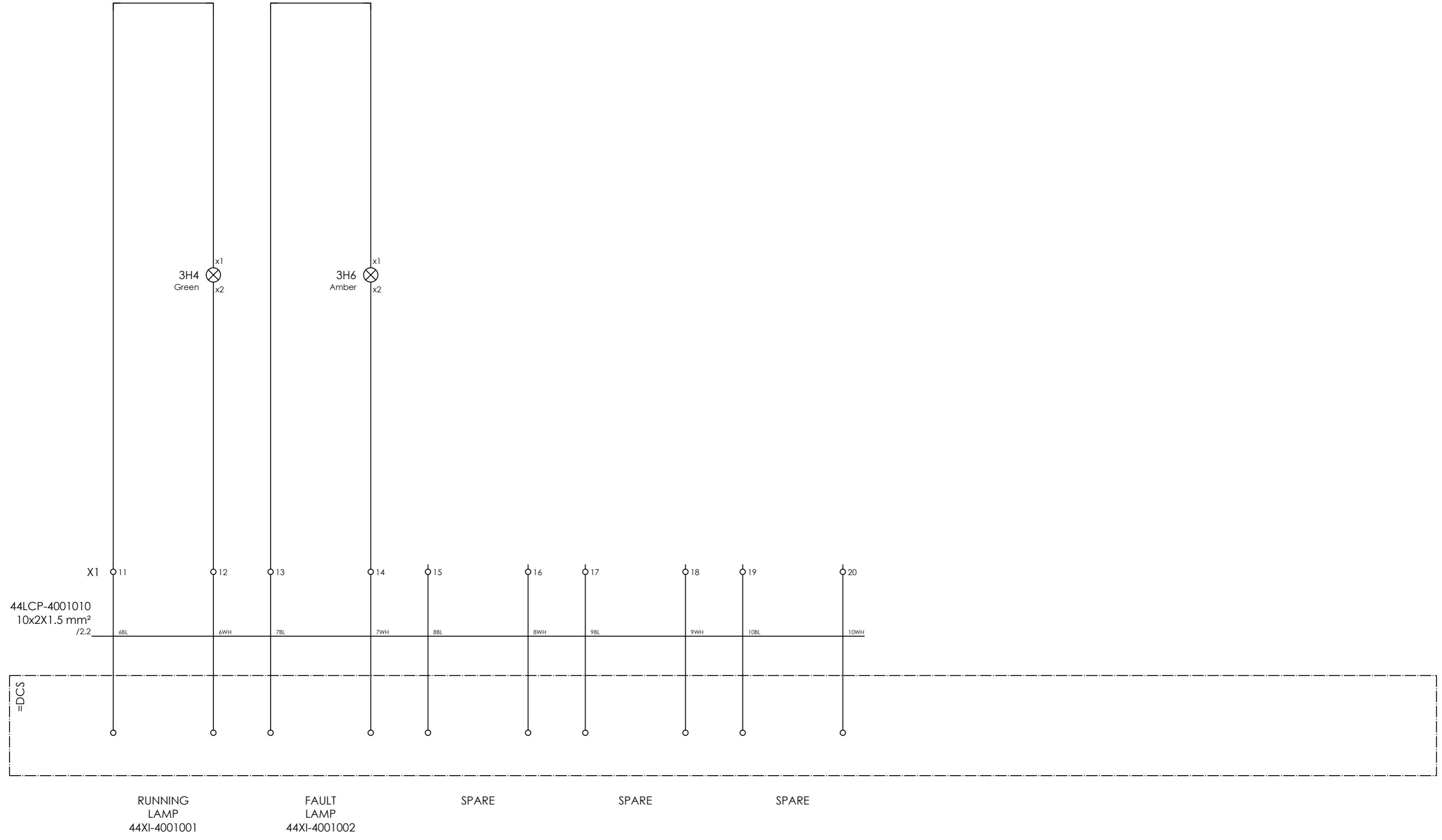


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EQUIPMENT LOCATION	Iran, Onshore

SUBJECT PUSHBUTTONS	
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Terminal diagram

Cable name		Strip =44C-40001A+44LCP-4001010-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name	
Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point
1		.	-2S4	1		.		1		.		1BL	
2		.	-2S4	2		.		2		.		1WH	
3		.	-2S6	3		.		3		.		2BL	
4		.	-2S6	4		.		4		.		2WH	
5		.	-2S8	5		.		5		.		3BL	
6		.	-2S8	6		.		6		.		3WH	
7		.		7		.		7		.		4BL	
8		.		8		.		8		.		4WH	
9		.		9		.		9		.		5BL	
10		.		10		.		10		.		5WH	
11		.	-3H4	11	x1	.		11		.		6BL	
12		.	-3H4	12	x2	.		12		.		6WH	
13		.	-3H6	13	x1	.		13		.		7BL	
14		.	-3H6	14	x2	.		14		.		7WH	
15		.		15		.		15		.		8BL	
16		.		16		.		16		.		8WH	
17		.		17		.		17		.		9BL	
18		.		18		.		18		.		9WH	
19		.		19		.		19		.		10BL	
20		.		20		.		20		.		10WH	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-40001A+44LCP-4001010-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram


DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 10

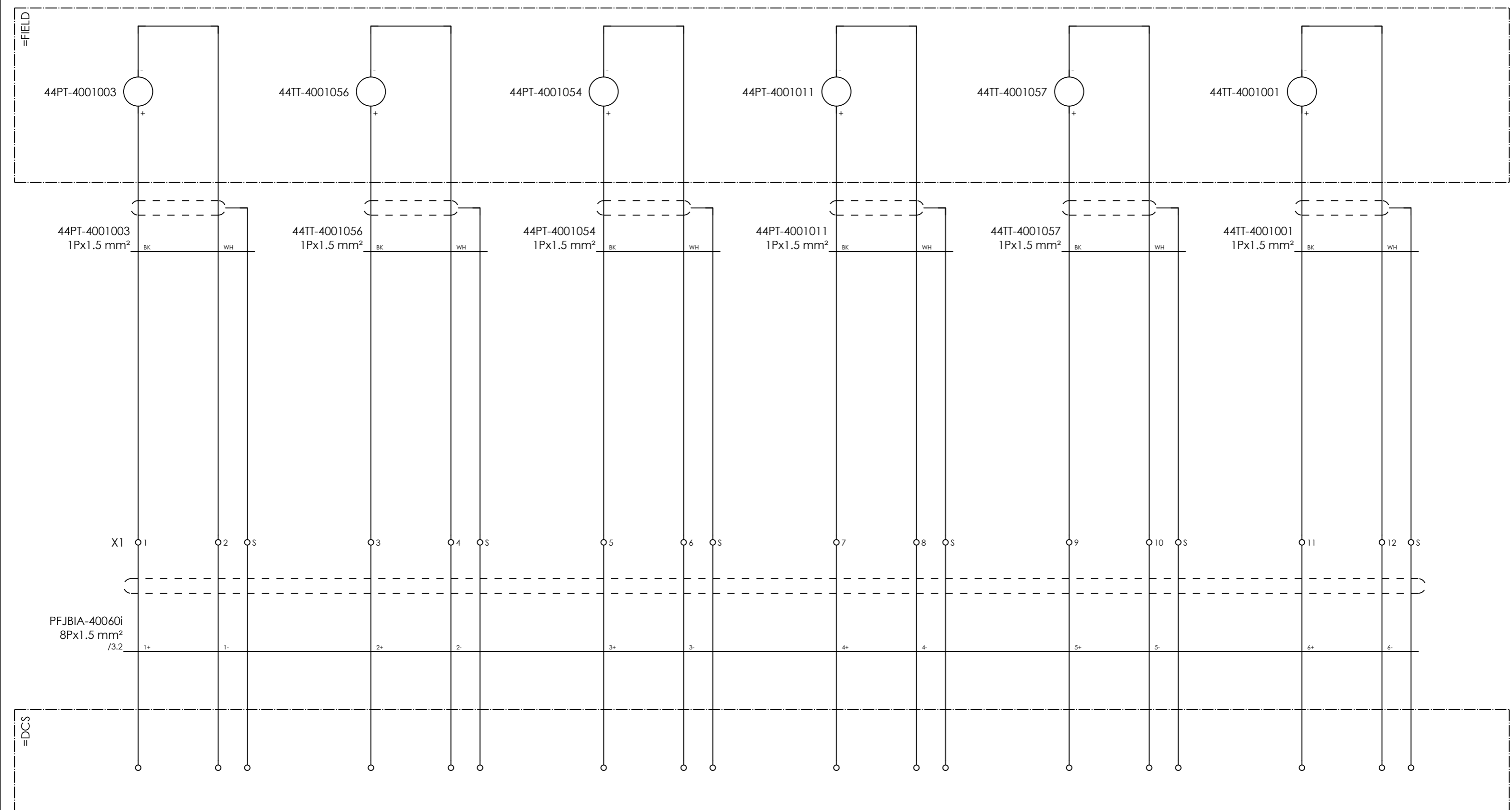
= 44C-40001A
 + 44LCP-4001010
 CURRENT PAGE

PFJBIA-40060i ANALOG JUNCTION BOX


TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS

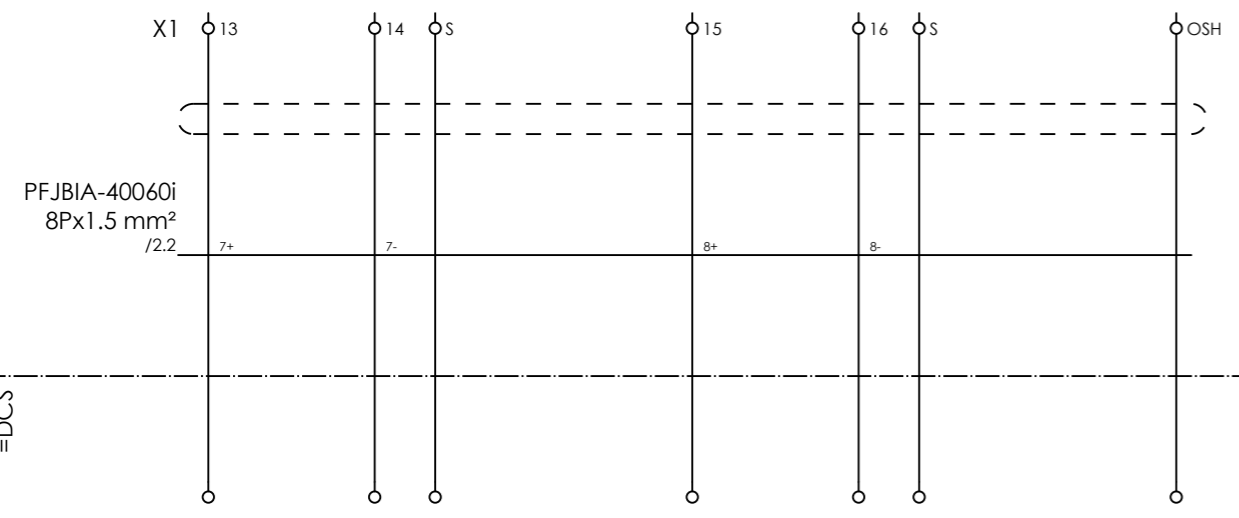
	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-40001A	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-40060i	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
			CLIENT REF.	ASPC Project		REVISION	03	
AIRPACK REF.			23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	11		



INLET PRESSURE TRANSMITTER OIL TEMPERATURE TRANSMITTER OIL PRESSURE TRANSMITTER DISCHARGE PRESSURE TRANSMITTER DISCHARGE TEMPERATURE TRANSMITTER ENCLOSURE TEMPERATURE TRANSMITTER

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-40001A	
	EQUIPMENT NO.	Various	TRANSMITTERS		CHECKED BY	RBE	+ PFJBIA-40060i	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
	CLIENT REF.	ASPC Project		REVISION	03			
AIRPACK REF.	23383-05 Wiring Diagram		CLIENT REF.	ASPC Project		TOTAL PAGE AMOUNT	12	

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05

CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-40001A
CHECKED BY	RBE	+ PFJBIA-40060i
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	13	

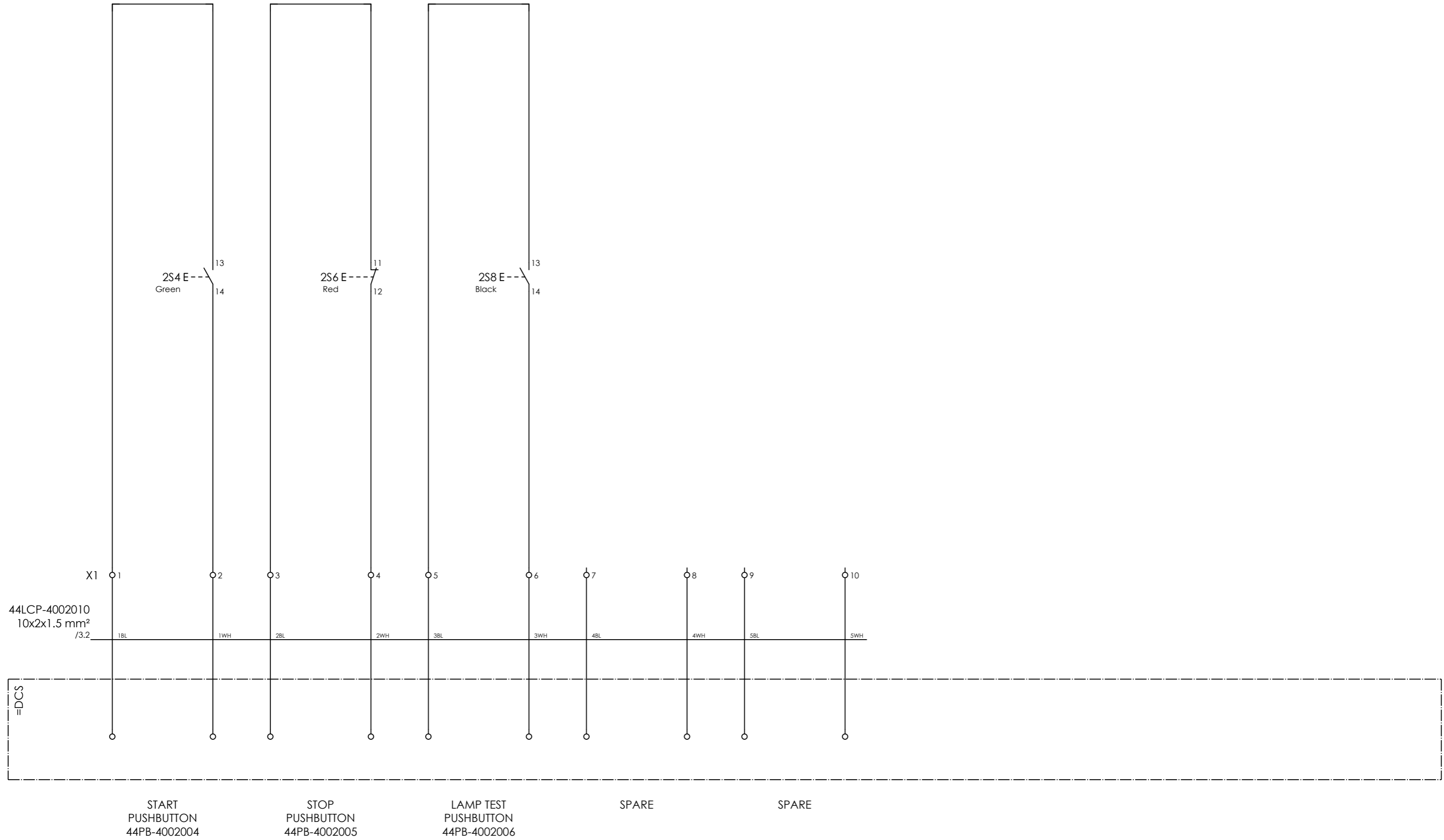
44LCP-4002010 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	RTR	= 44C-40001B
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ 44LCP-4002010
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	ASPC Project	AIRPACK DWG NO.	23383-05	
		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
				TOTAL PAGE AMOUNT	17	

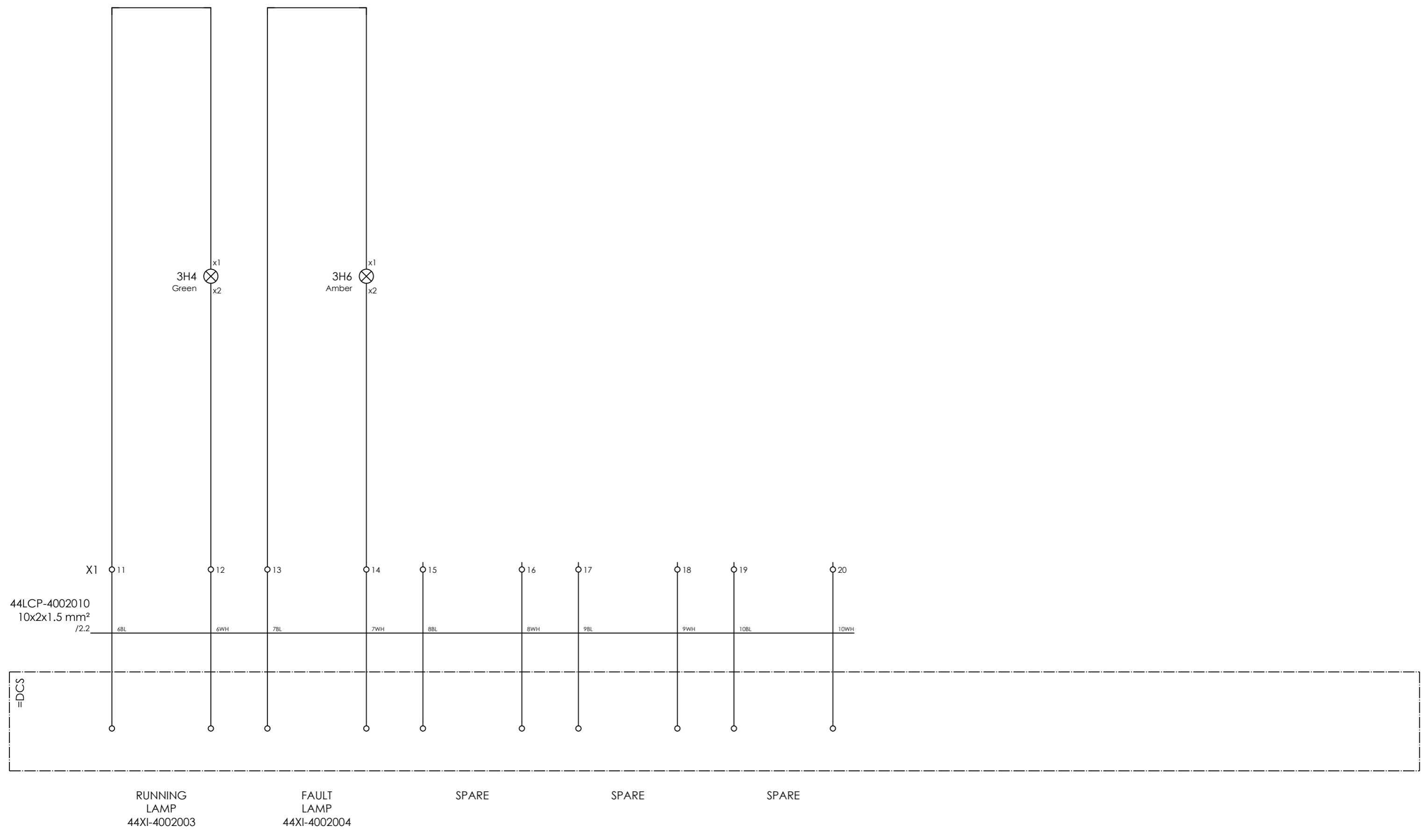


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	18

= 44C-40001B
+ 44LCP-4002010
CURRENT PAGE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT LAMPS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	19

= 44C-4001B
+ 44LCP-4002010
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-40001B+44LCP-4002010-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name			
Terminal	Connection point	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Connection point	Jumper	Target designation	Connection point	Terminal	Connection point
1		.	-2S4	13	1	.			1BL						
2		.	-2S4	14	2	.			1WH						
3		.	-2S6	11	3	.			2BL						
4		.	-2S6	12	4	.			2WH						
5		.	-2S8	13	5	.			3BL						
6		.	-2S8	14	6	.			3WH						
7		.			7	.			4BL						
8		.			8	.			4WH						
9		.			9	.			5BL						
10		.			10	.			5WH						
11		.	-3H4	x1	11	.			6BL						
12		.	-3H4	x2	12	.			6WH						
13		.	-3H6	x1	13	.			7BL						
14		.	-3H6	x2	14	.			7WH						
15		.			15	.			8BL						
16		.			16	.			8WH						
17		.			17	.			9BL						
18		.			18	.			9WH						
19		.			19	.			10BL						
20		.			20	.			10WH						



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-40001B+44LCP-4002010-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 20

= 44C-40001B
 + 44LCP-4002010
 CURRENT PAGE

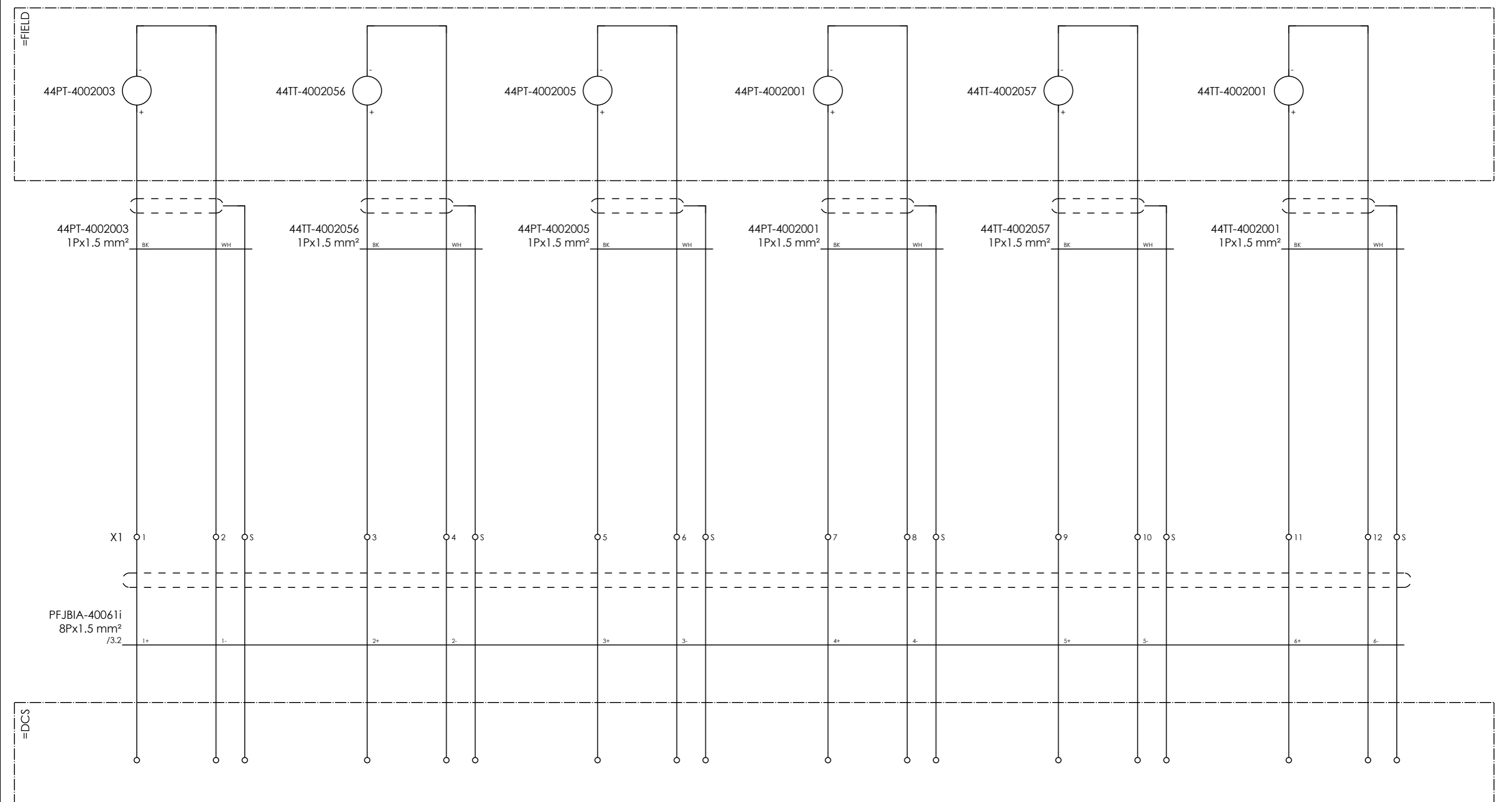
PFJBIA-40061i ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-40001B
EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-40061i
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company	AIRPACK DWG NO.	23383-05	
		CLIENT REF.	ASPC Project	REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	21	



INLET
PRESSURE
TRANSMITTER

OIL
TEMPERATURE
TRANSMITTER

OIL
PRESSURE
TRANSMITTER

DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER

ENCLOSURE
TEMPERATURE
TRANSMITTER



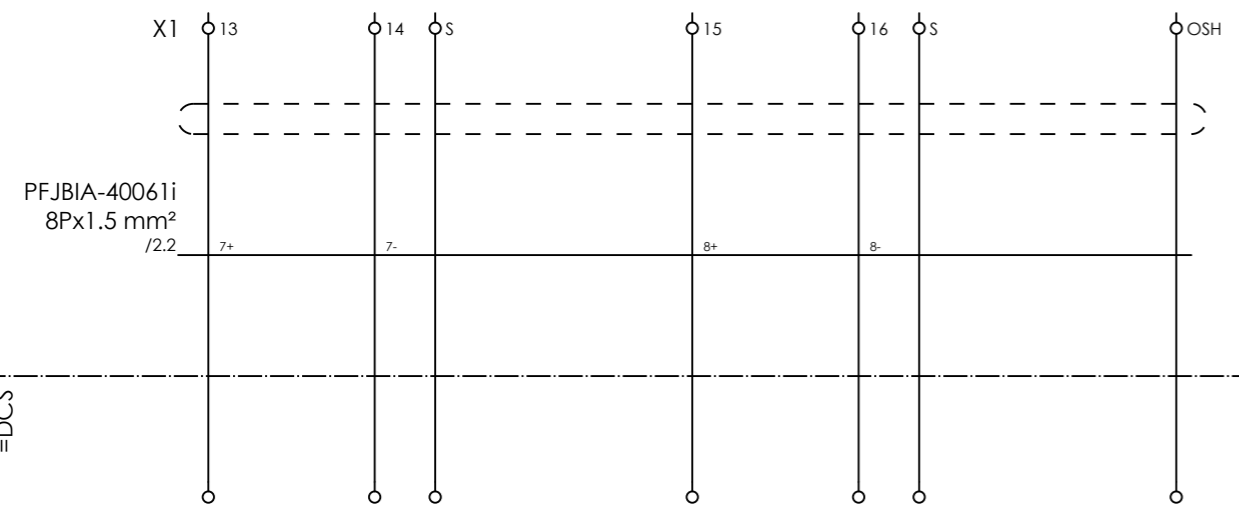
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-40001B
CHECKED BY	RBE	+ PFJBIA-40061i
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	22	

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	23

= 44C-40001B
+ PFJBIA-40061i
CURRENT PAGE

Terminal diagram

Cable name		Connection point		Terminal		Jumper		Target designation								
-44TT-4002001	1Px1.5 mm²	BK	WH						S							
-44PT-4002003	1Px1.5 mm²								S							
-44TT-4002057	1Px1.5 mm²								S							
-44PT-4002001	1Px1.5 mm²								S							
-44PT-4002005	1Px1.5 mm²								S							
Strip =44C-40001B+PFJBIA-40061i-X1 CONNECTION TRANSMITTERS		Connection point		Terminal		Jumper		Target designation								
		+	-	11	12	13	14	15	16	OSH	S	S	S	S	S	S
		=FIELD-44TT-4002001	=FIELD-44TT-4002001	.	.	.	.	.	.	.	.	.	.	.	.	.



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT	
Terminal diagram =44C-40001B+PFJBIA-40061i-X1	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	25

= 44C-40001B
+ PFJBIA-40061i
CURRENT PAGE

Terminal diagram

Cable name	-44TT-4002056		1Px1.5 mm²		S																			
Strip =44C-40001B+PFJBIA-40061i-X1 CONNECTION TRANSMITTERS	Connection point																							
	Target designation																							
	Jumper				.																			
	Terminal				S																			
	Connection point																							
	Target designation																							
Cable name	-PFJBIA-40061i		8Px1.5 mm²		S																			



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT		Terminal diagram =44C-40001B+PFJBIA-40061i-X1	
ADAPTED TO P&ID REVISION	05		
CLIENT	Arya Sasol Polymer Company		
CLIENT REF.	ASPC Project		
AIRPACK REF.	23383-05 Wiring Diagram		

DRAWN BY	RTR	= 44C-40001B
CHECKED BY	RBE	+ PFJBIA-40061i
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	26	

44LCP-800401 1

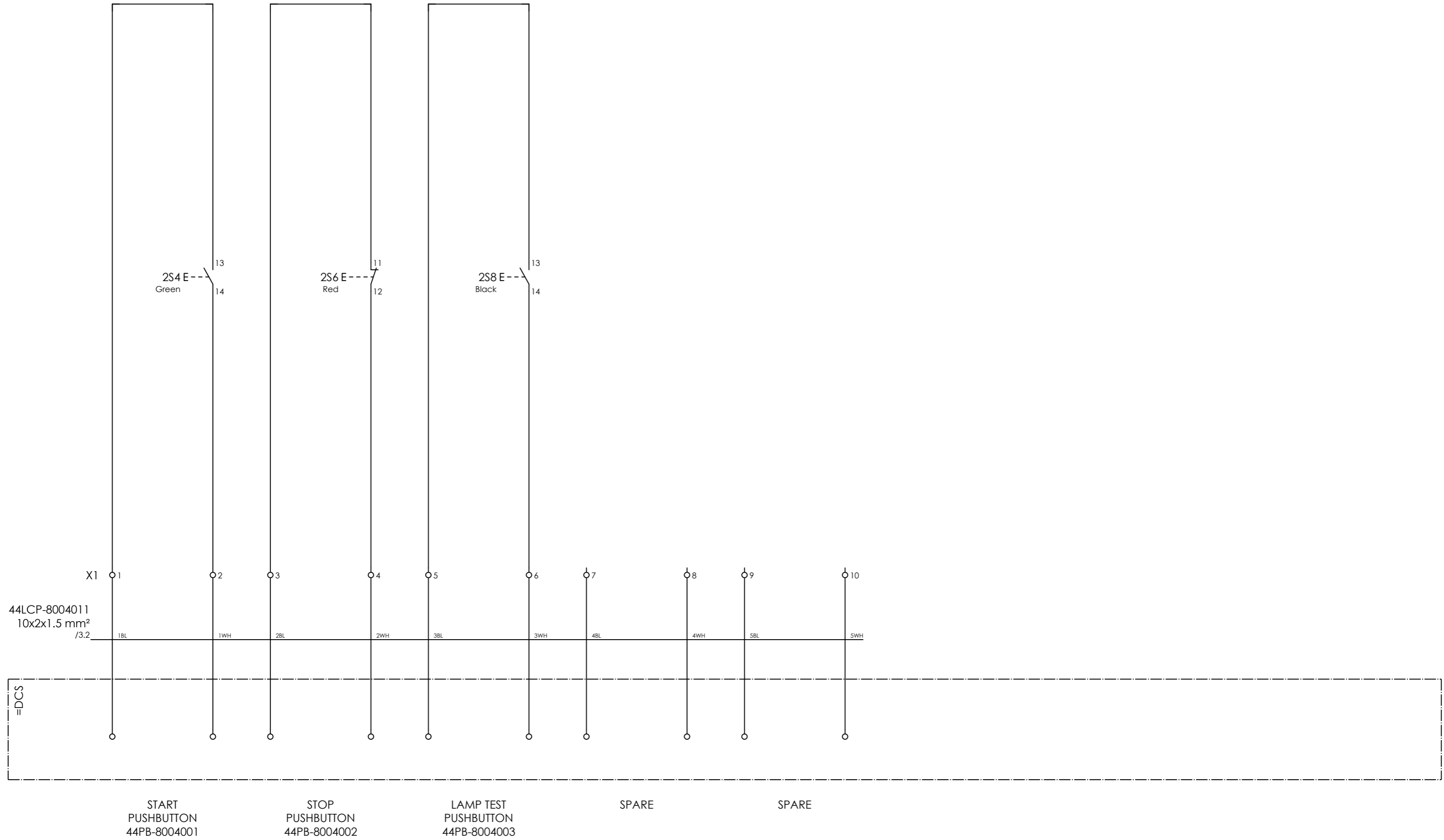
LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	RTR	= 44C-80001A
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ 44LCP-8004011
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
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		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
		TOTAL PAGE AMOUNT	27			



44LCP-8004011
10x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON
44PB-8004001

STOP
PUSHBUTTON
44PB-8004002

LAMP TEST
PUSHBUTTON
44PB-8004003

SPARE

SPARE



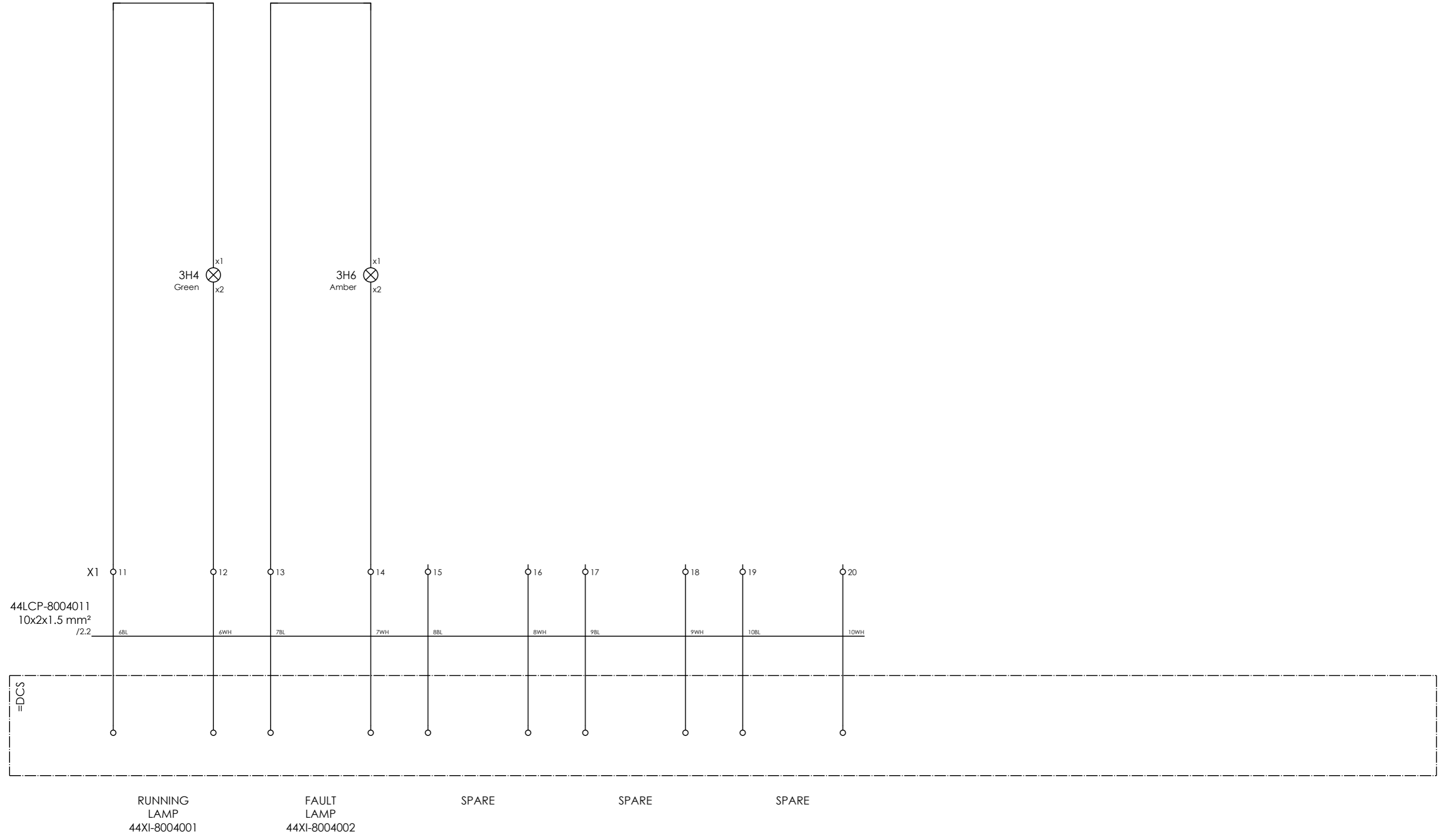
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	28

= 44C-80001A
+ 44LCP-8004011
CURRENT PAGE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT LAMPS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	29

= 44C-80001A
+ 44LCP-8004011
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80001A+44LCP-8004011-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name	
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Terminal	Connection point	Jumper	Target designation	Target designation	Terminal	Connection point
1		1	13	.	-2S4		1					1	
2		2	14	.	-2S4		2					2	
3		3	11	.	-2S6		3					3	
4		4	12	.	-2S6		4					4	
5		5	13	.	-2S8		5					5	
6		6	14	.	-2S8		6					6	
7		7		.			7					7	
8		8		.			8					8	
9		9		.			9					9	
10		10		.			10					10	
11		11	x1	.	-3H4		11					11	
12		12	x2	.	-3H4		12					12	
13		13	x1	.	-3H6		13					13	
14		14	x2	.	-3H6		14					14	
15		15		.			15					15	
16		16		.			16					16	
17		17		.			17					17	
18		18		.			18					18	
19		19		.			19					19	
20		20		.			20					20	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80001A+44LCP-8004011-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 30

= 44C-80001A
 + 44LCP-8004011
 CURRENT PAGE

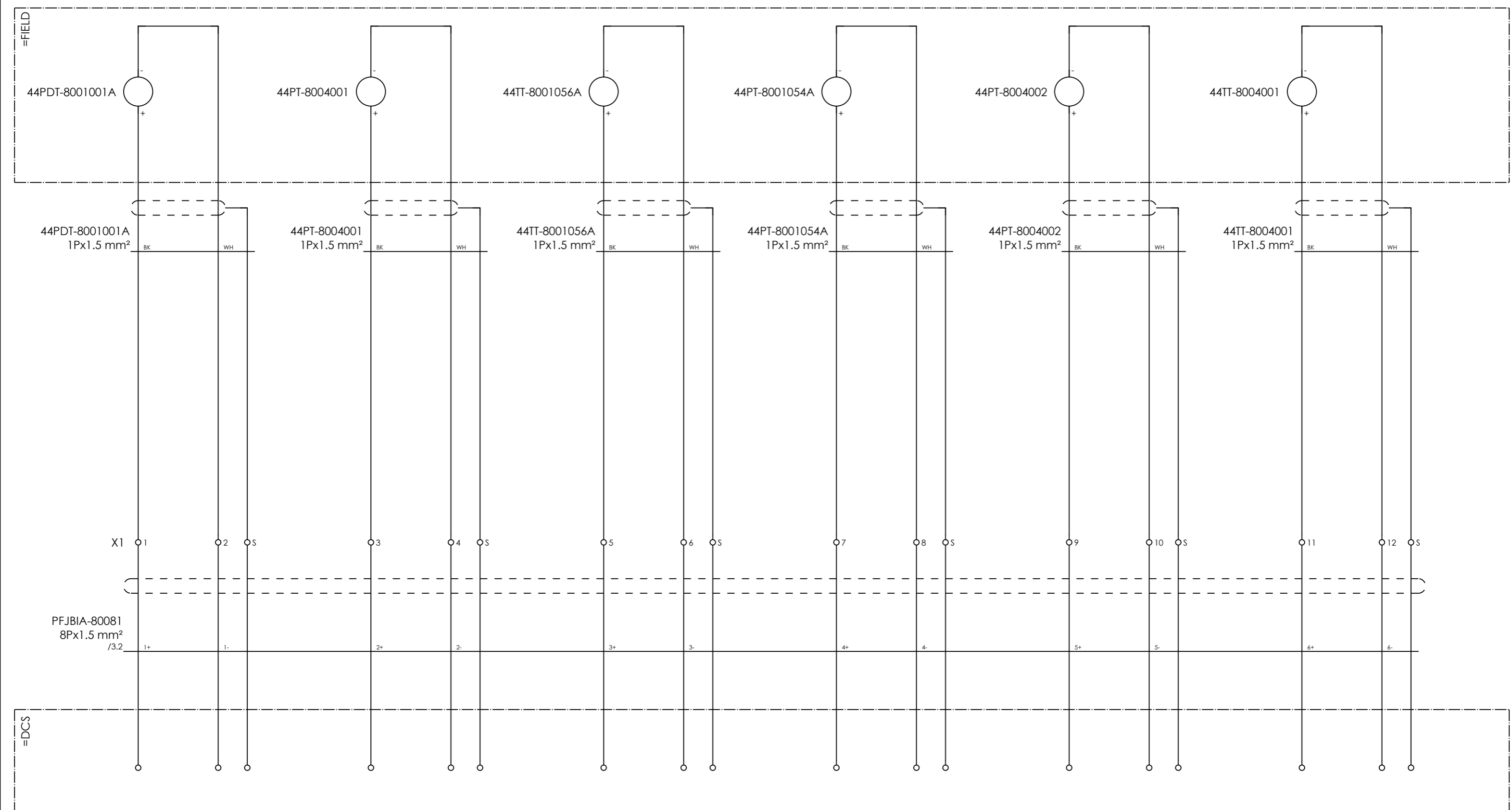
PFJBIA-80081 ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80001A
EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80081
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company	AIRPACK DWG NO.	23383-05	
		CLIENT REF.	ASPC Project	REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	31	



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

OIL
TEMPERATURE
TRANSMITTER

OIL
PRESSURE
TRANSMITTER

DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER



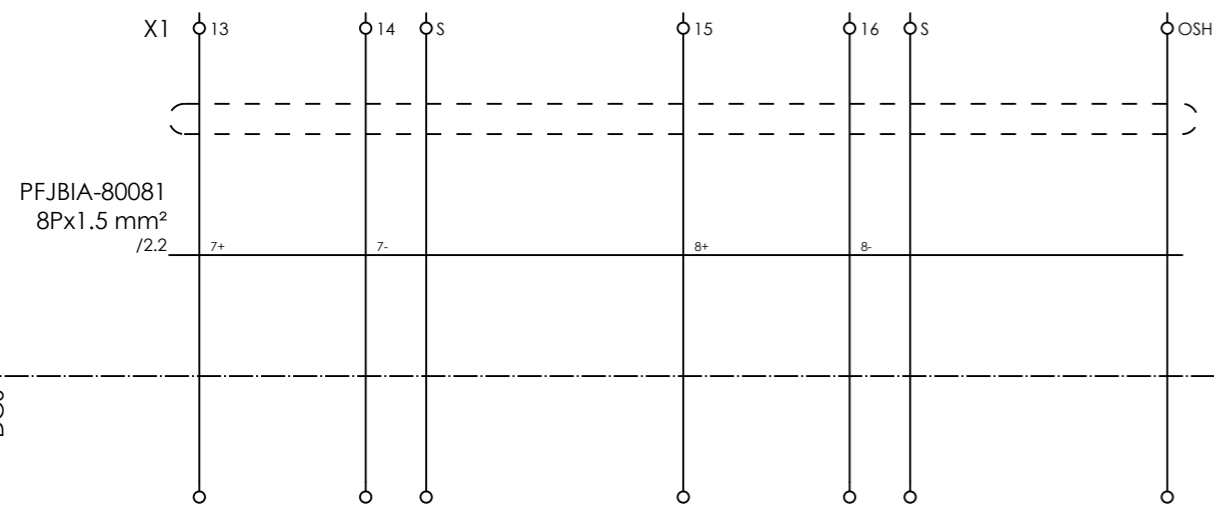
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80001A
CHECKED BY	RBE	+ PFJBIA-80081
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	32	

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	33

= 44C-80001A
+ PFJBIA-80081
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80001A+PFJBIA-80081-X1 CONNECTION TRANSMITTERS										Cable name	
Terminal	Connection point	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Connection point	Jumper	Target designation	
-44PDT-8001001A	1Px1.5 mm²	BK	WH										
-44PT-8004001	1Px1.5 mm²			BK	WH								
-44TT-8001056A	1Px1.5 mm²					BK	WH						
-44PT-8001054A	1Px1.5 mm²					BK	WH						
-44PT-8004002	1Px1.5 mm²							BK	WH				
	Connection point	+	-	+	-	+	-	+	-	+	-		
	Target designation	=FIELD-44PDT-8001001A	=FIELD-44PT-8001001A	=FIELD-44PT-8004001	=FIELD-44PT-8004001	=FIELD-44TT-8001056A	=FIELD-44TT-8001056A	=FIELD-44PT-8001054A	=FIELD-44PT-8001054A	=FIELD-44PT-8004002	=FIELD-44PT-8004002		
	Jumper	.	.	.	.	.	.	.	.	.	.
	Terminal	1	2	3	4	5	6	7	8	9	10		
	Connection point												
	Target designation												
-PFJBIA-80081	8Px1.5 mm²	1+	1-	2+	2-	3+	3-	4+	4-	5+	5-		



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT Terminal diagram =44C-80001A+PFJBIA-80081-X1	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	34

= 44C-80001A
+ PFJBIA-80081
CURRENT PAGE

Terminal diagram

Cable name	-44PT-8004001		1Px1.5 mm²		S																		
Strip =44C-80001A+PFJBIA-80081-X1 CONNECTION TRANSMITTERS	Connection point																						
	Target designation																						
	Jumper				.																		
	Terminal				S																		
	Connection point																						
	Target designation																						
Cable name	-PFJBIA-80081		8Px1.5 mm²		S																		



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80001A+PFJBIA-80081-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 36

= 44C-80001A
 + PFJBIA-80081
 CURRENT PAGE

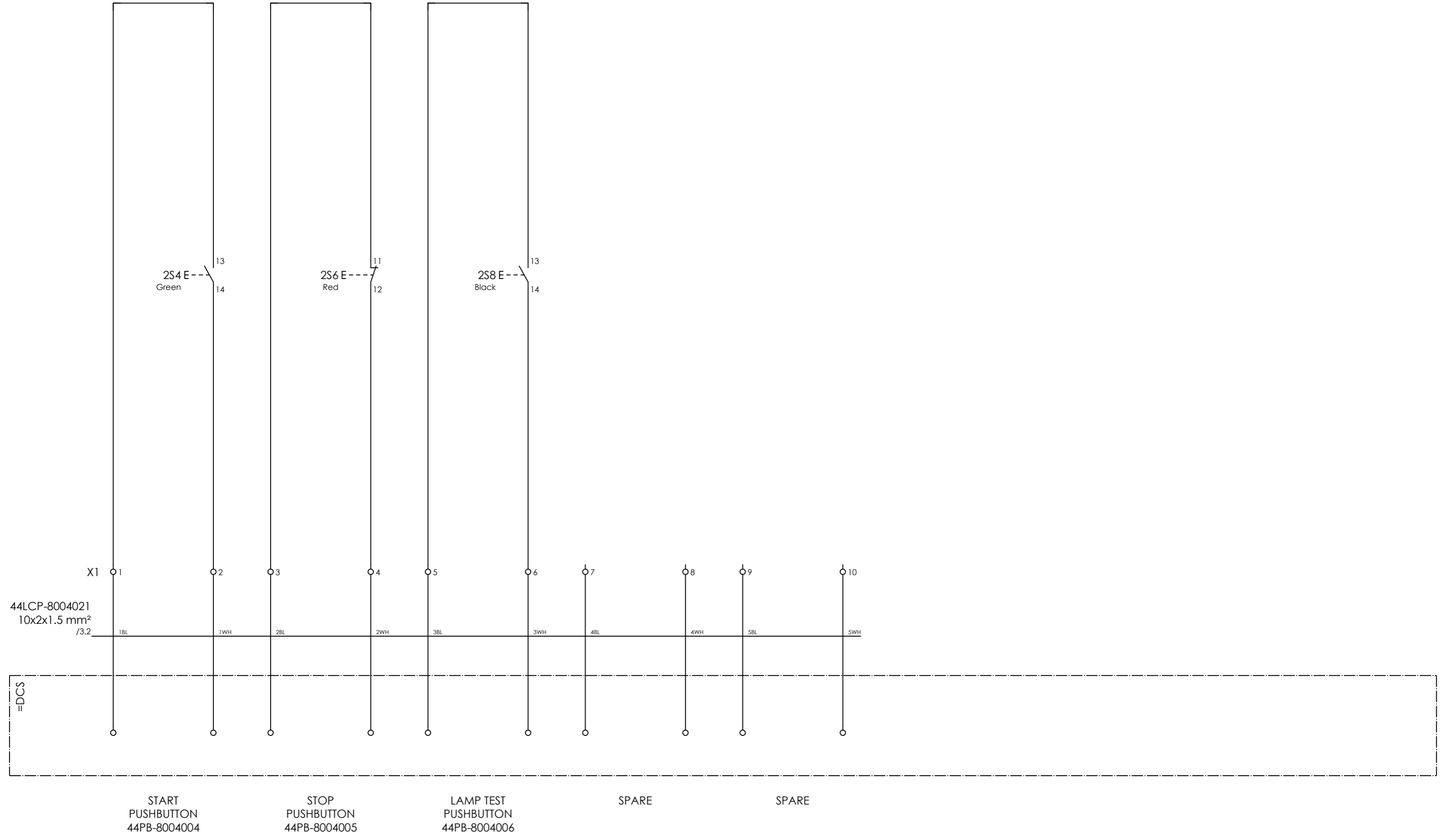
44LCP-8004021 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	RTR	= 44C-80001B
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ 44LCP-8004021
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	ASPC Project	AIRPACK DWG NO.	23383-05	
		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
				TOTAL PAGE AMOUNT	37	



44LCP-8004021
10x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON
44PB-8004004

STOP
PUSHBUTTON
44PB-8004005

LAMP TEST
PUSHBUTTON
44PB-8004006

SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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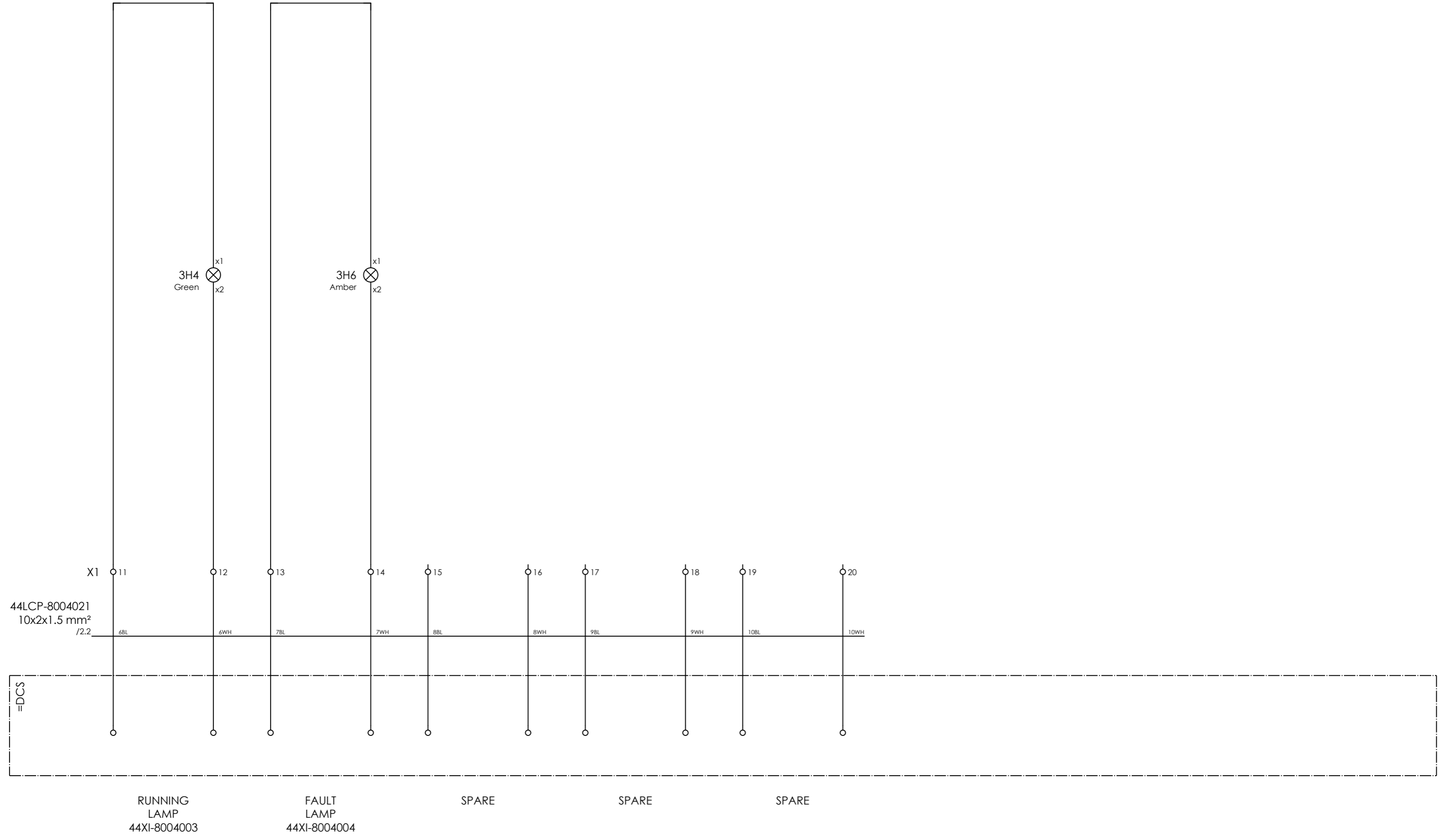
SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05

CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025

AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	38

= 44C-80001B
+ 44LCP-8004021
CURRENT PAGE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT LAMPS	
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company
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		AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80001B
CHECKED BY	RBE	+ 44LCP-8004021
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	39	

Terminal diagram

Cable name		Strip =44C-80001B+44LCP-8004021-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name	
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point
1	-2S4	1	13	.	-2S4	1	13						
2	-2S4	2	14	.	-2S4	2	14						
3	-2S6	3	11	.	-2S6	3	11						
4	-2S6	4	12	.	-2S6	4	12						
5	-2S8	5	13	.	-2S8	5	13						
6	-2S8	6	14	.	-2S8	6	14						
7		7		.		7							
8		8		.		8							
9		9		.		9							
10		10		.		10							
11	-3H4	11	x1	.	-3H4	11	x1						
12	-3H4	12	x2	.	-3H4	12	x2						
13	-3H6	13	x1	.	-3H6	13	x1						
14	-3H6	14	x2	.	-3H6	14	x2						
15		15		.		15							
16		16		.		16							
17		17		.		17							
18		18		.		18							
19		19		.		19							
20		20		.		20							



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80001B+44LCP-8004021-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 40


= 44C-80001B
 + 44LCP-8004021
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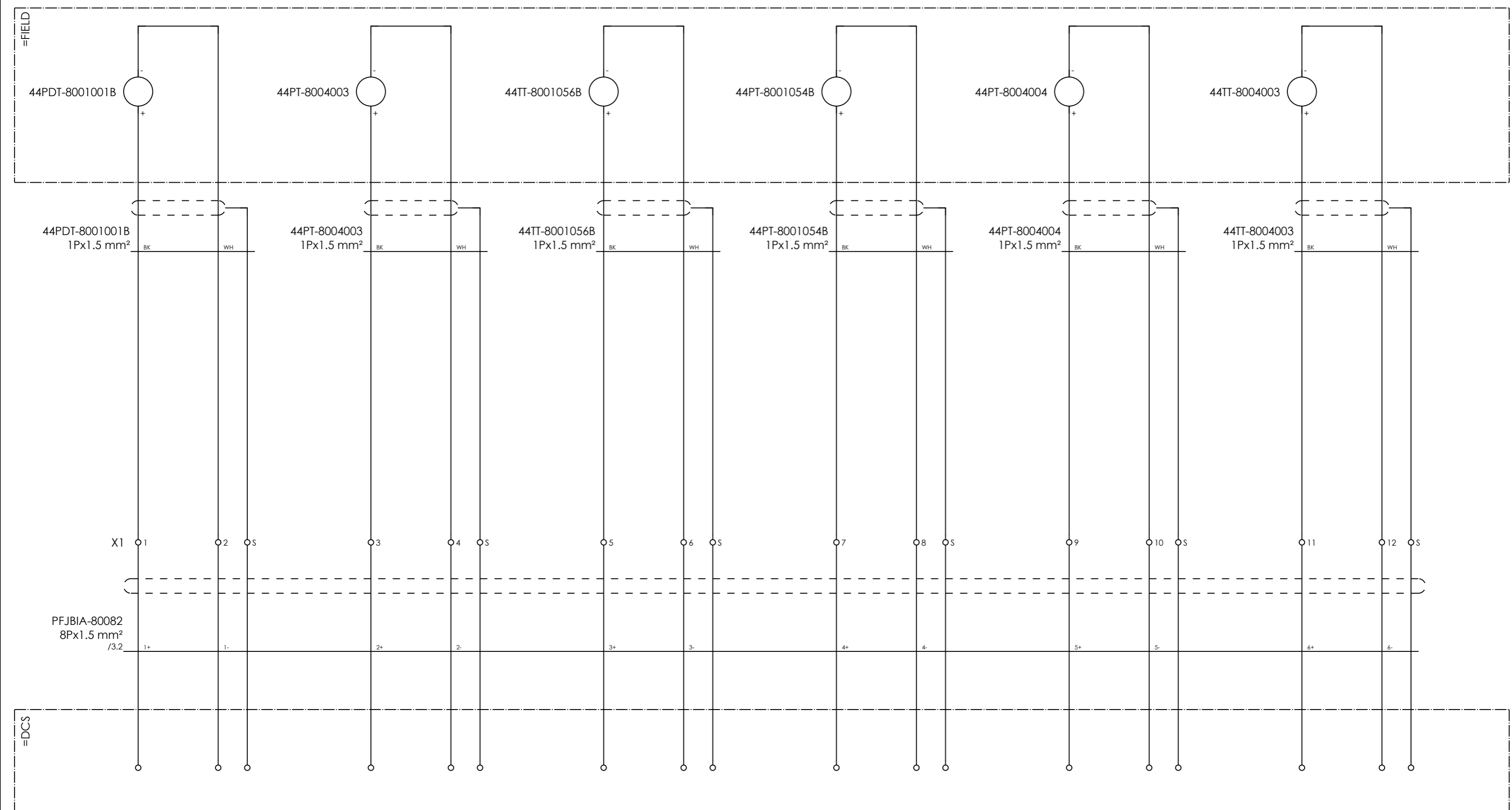
PFJBIA-80082

ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80001B	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80082	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	41		

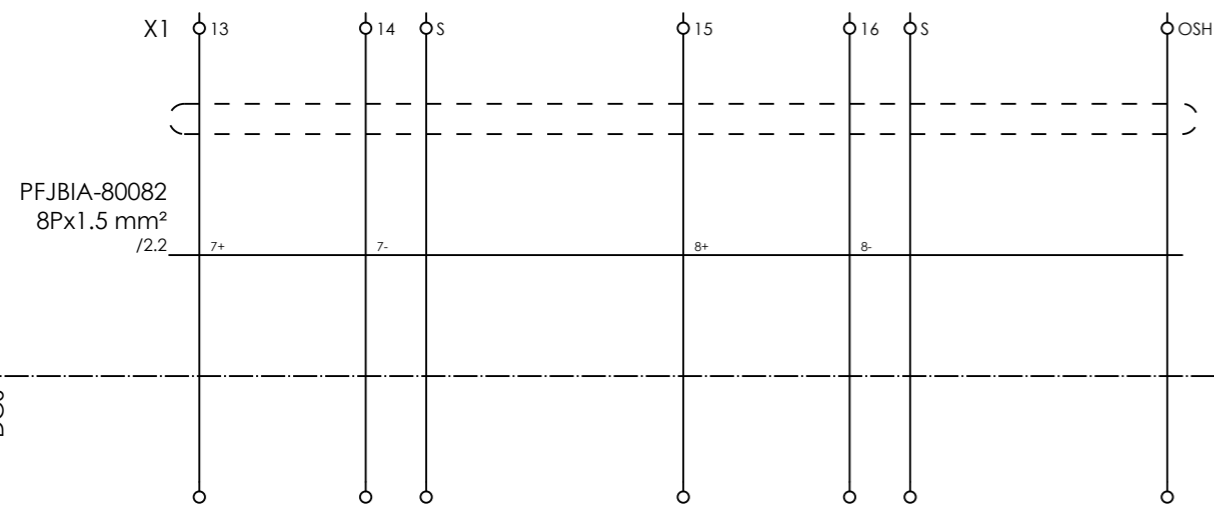


INLET DIFFERENTIAL PRESSURE TRANSMITTER INLET PRESSURE TRANSMITTER OIL TEMPERATURE TRANSMITTER OIL PRESSURE TRANSMITTER DISCHARGE PRESSURE TRANSMITTER DISCHARGE TEMPERATURE TRANSMITTER



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT TRANSMITTERS		DRAWN BY	RTR	= 44C-80001B
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION 05		CHECKED BY	RBE	+ PFJBIA-80082
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	ASPC Project	AIRPACK DWG NO.	23383-05	
		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
				TOTAL PAGE AMOUNT	42	

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	43

= 44C-80001B
+ PFJBIA-80082
CURRENT PAGE

Terminal diagram

Cable name	-44PT-8004003		1Px1.5 mm²		S																			
Strip =44C-80001B+PFJBIA-80082-X1 CONNECTION TRANSMITTERS	Connection point																							
	Target designation																							
	Jumper				.																			
	Terminal				S																			
	Connection point																							
	Target designation																							
Cable name	-PFJBIA-80082		8Px1.5 mm²		S																			



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore

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SUBJECT Terminal diagram =44C-80001B+PFJBIA-80082-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 46

= 44C-80001B
 + PFJBIA-80082
 CURRENT PAGE

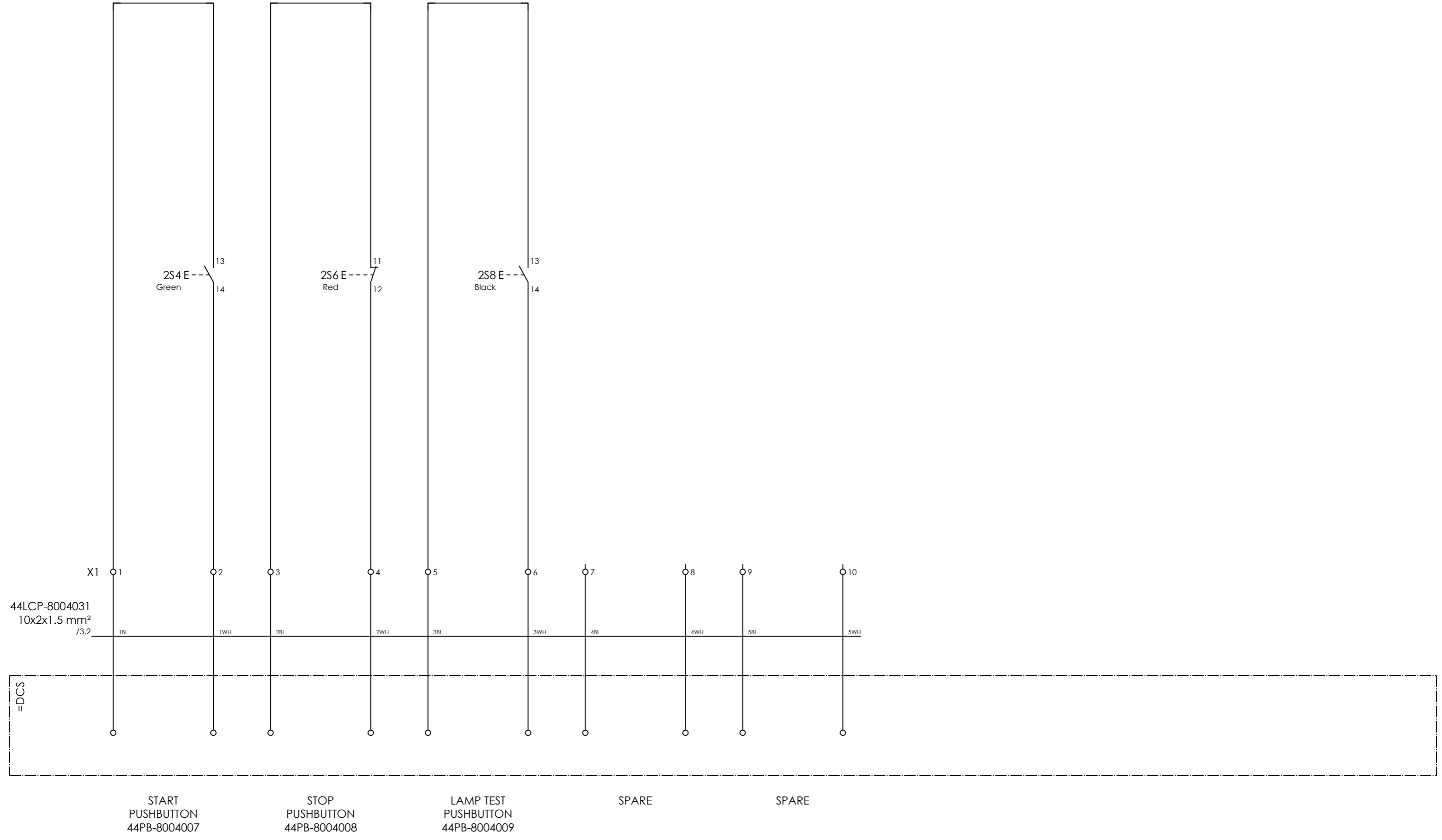
44LCP-8004031 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	RTR	= 44C-80002A
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ 44LCP-8004031
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	ASPC Project	AIRPACK DWG NO.	23383-05	
		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
		TOTAL PAGE AMOUNT	47			



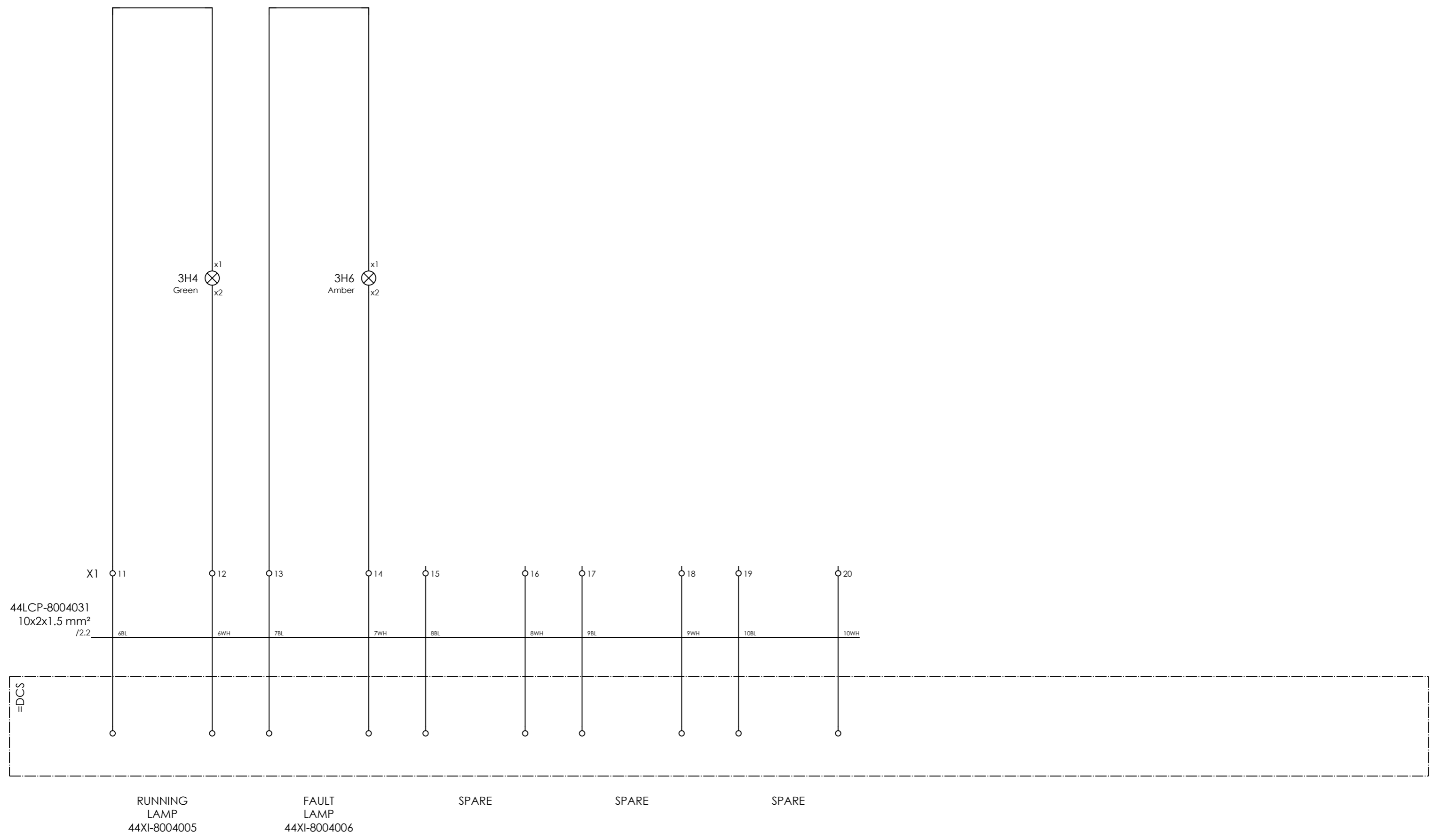
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	48

= 44C-80002A
+ 44LCP-8004031
CURRENT PAGE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT LAMPS	
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company
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		AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80002A
CHECKED BY	RBE	+ 44LCP-8004031
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	49	

Terminal diagram

Cable name		Strip =44C-80002A+44LCP-8004031-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name	
Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point
1		.	-2S4	1		.		1		.		1BL	
2		.	-2S4	2		.		2		.		1WH	
3		.	-2S6	3		.		3		.		2BL	
4		.	-2S6	4		.		4		.		2WH	
5		.	-2S8	5		.		5		.		3BL	
6		.	-2S8	6		.		6		.		3WH	
7		.		7		.		7		.		4BL	
8		.		8		.		8		.		4WH	
9		.		9		.		9		.		5BL	
10		.		10		.		10		.		5WH	
11		.	-3H4	11	x1	.		11		.		6BL	
12		.	-3H4	12	x2	.		12		.		6WH	
13		.	-3H6	13	x1	.		13		.		7BL	
14		.	-3H6	14	x2	.		14		.		7WH	
15		.		15		.		15		.		8BL	
16		.		16		.		16		.		8WH	
17		.		17		.		17		.		9BL	
18		.		18		.		18		.		9WH	
19		.		19		.		19		.		10BL	
20		.		20		.		20		.		10WH	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80002A+44LCP-8004031-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 50

= 44C-80002A
 + 44LCP-8004031
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PFJBIA-80083

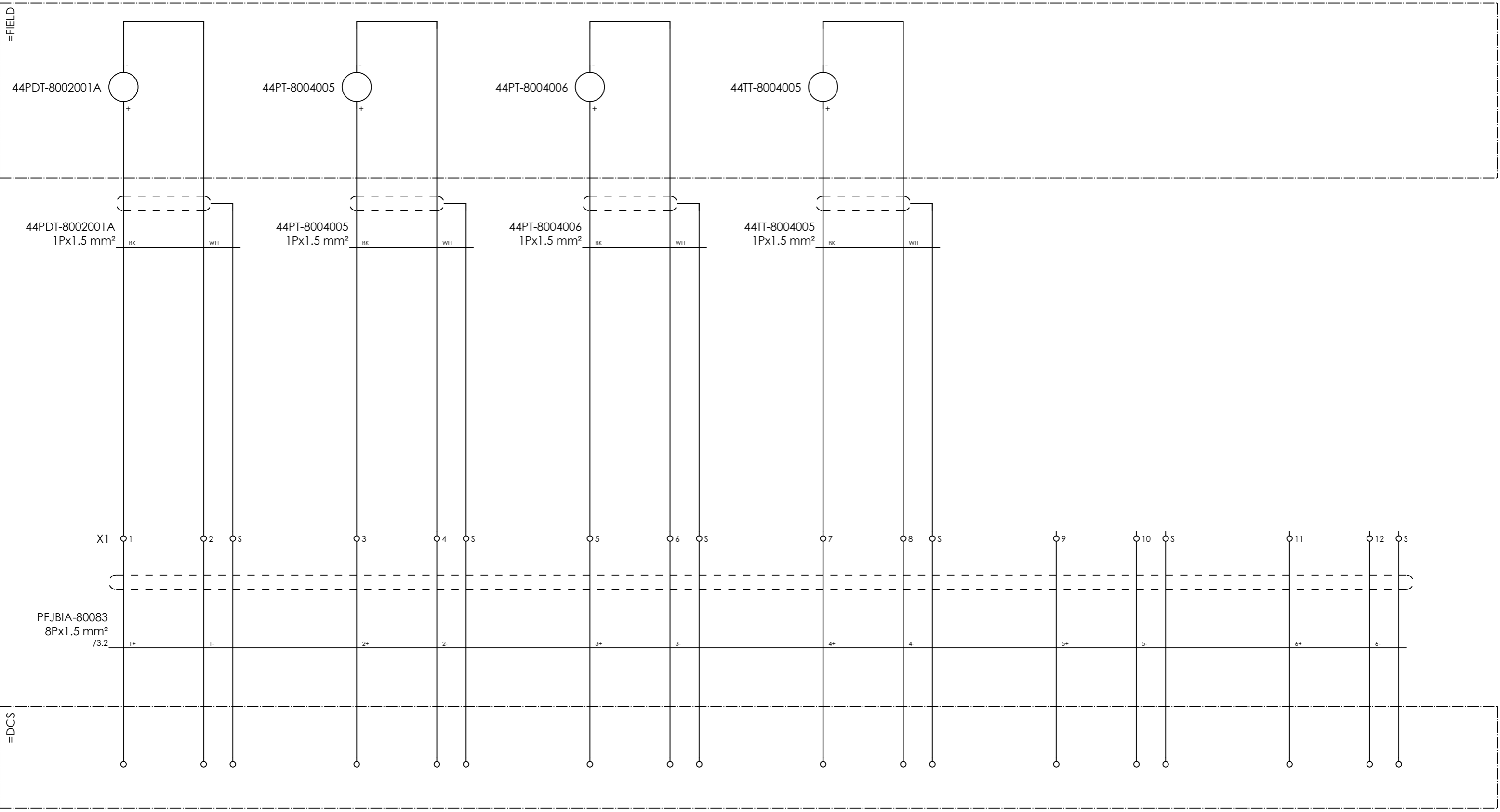
ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80002A
EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80083
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project	REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	51	



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER

SPARE

SPARE



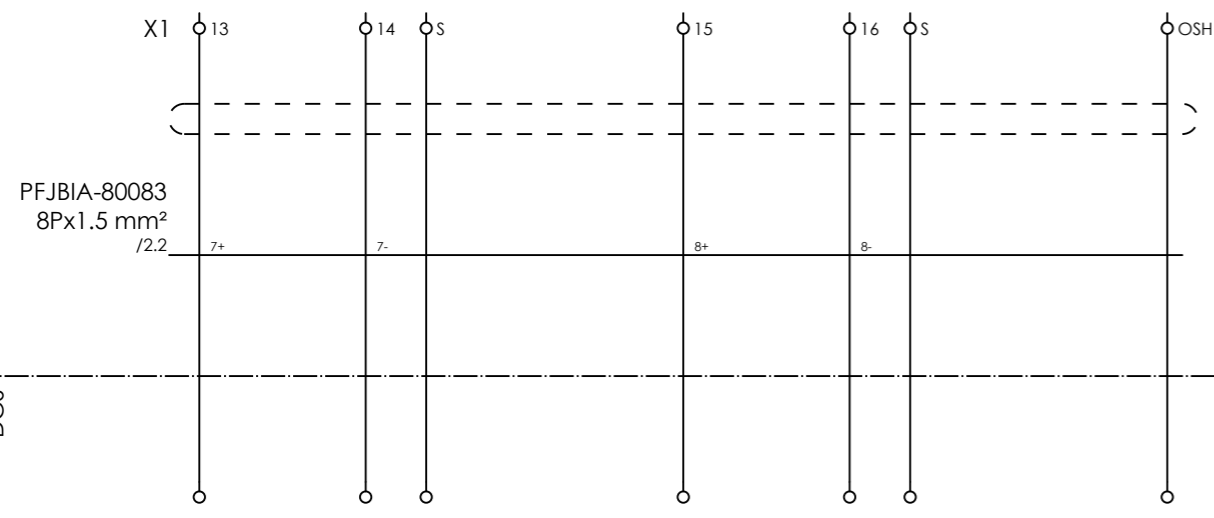
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80002A
CHECKED BY	RBE	+ PFJBIA-80083
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	52	

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	53


= 44C-80002A
+ PFJBIA-80083
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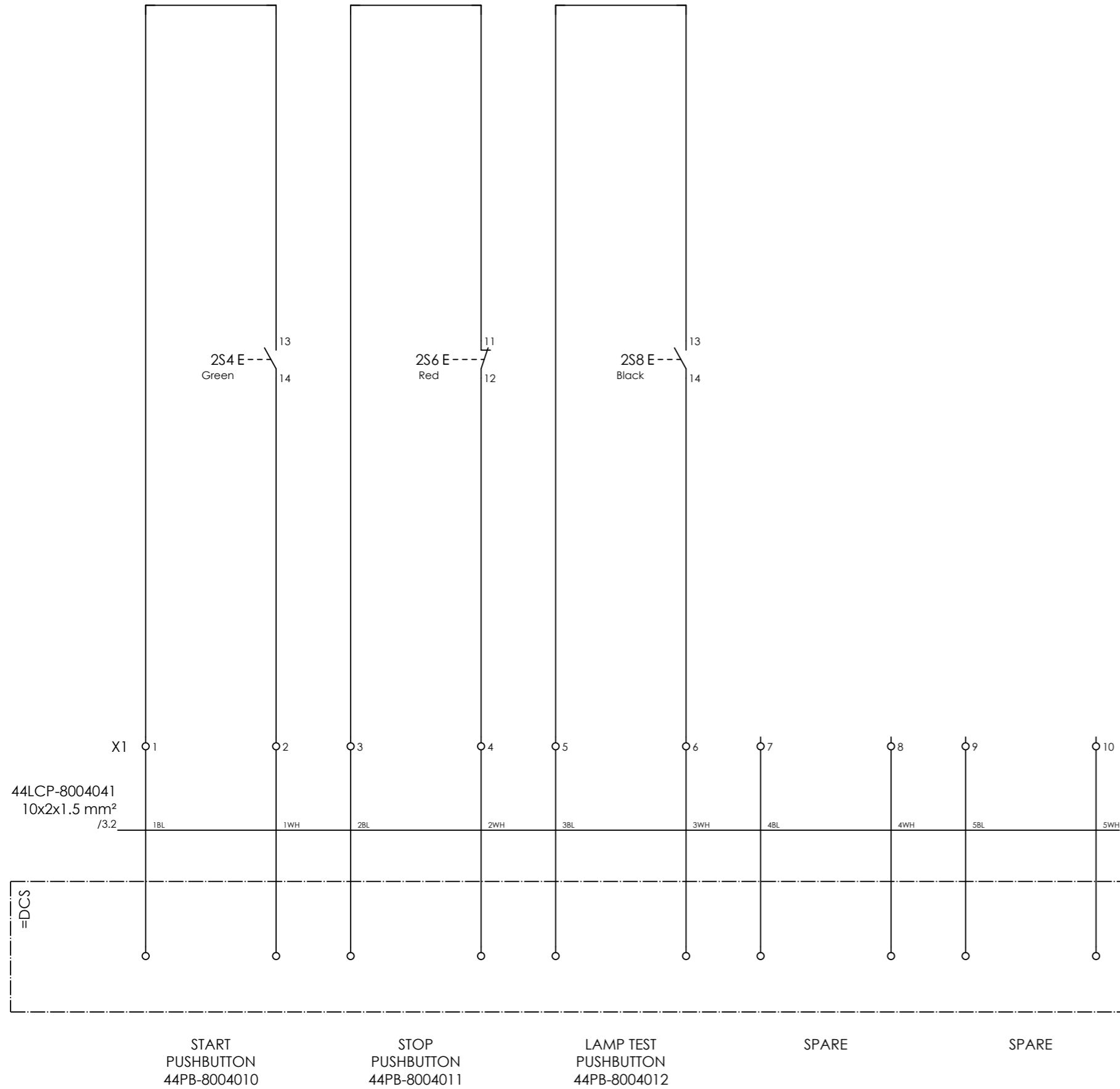
44LCP-8004041

LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80002B	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ 44LCP-8004041	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	55		



44LCP-8004041
10x2x1.5 mm²
/3.2

=DCS

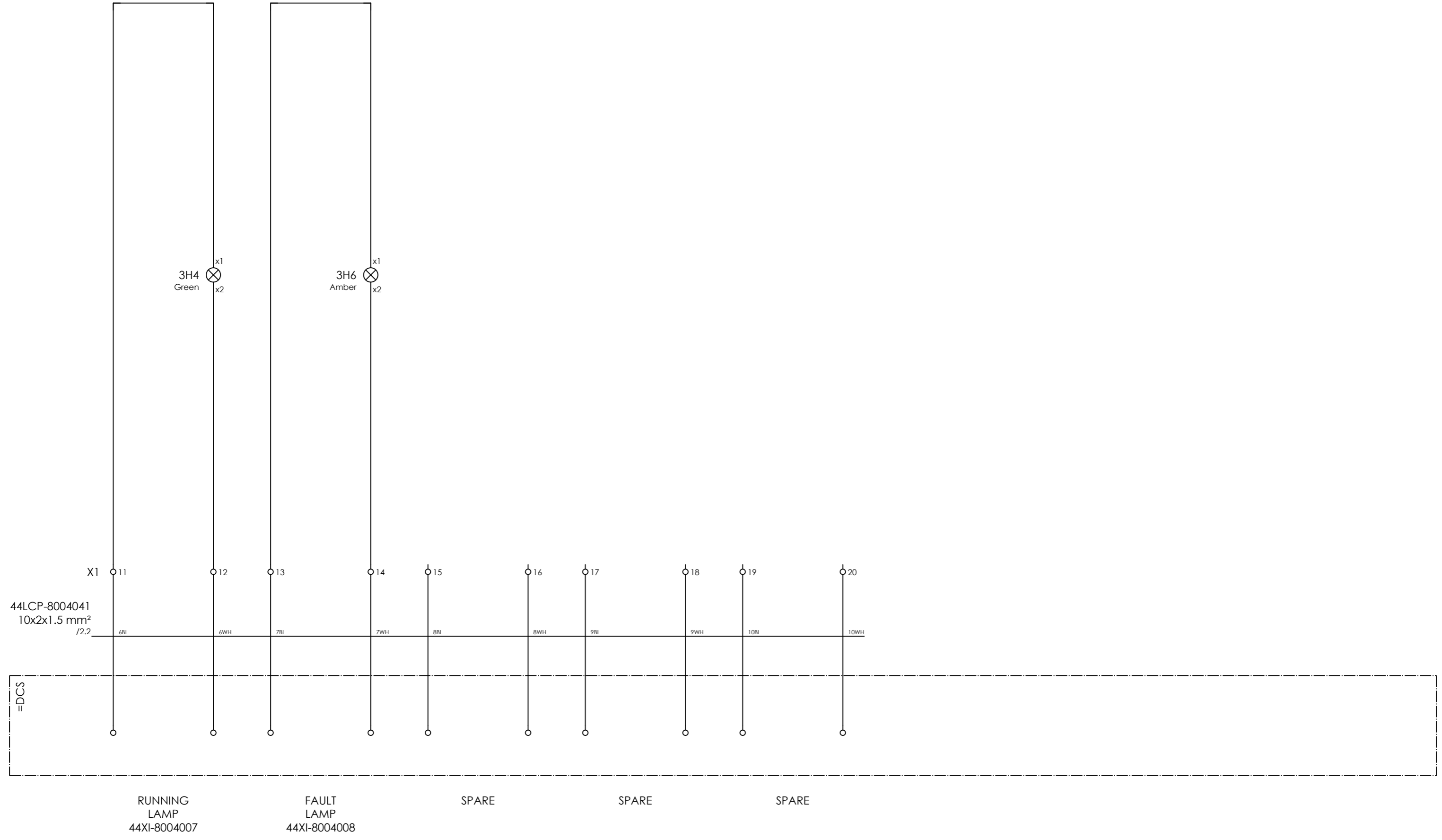
START
PUSHBUTTON
44PB-8004010

STOP
PUSHBUTTON
44PB-8004011

LAMP TEST
PUSHBUTTON
44PB-8004012

SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT LAMPS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	57

= 44C-80002B
+ 44LCP-800401
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80002B+44LCP-8004041-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name																																																																																									
Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point																																																																																
1	-2S4	13		1		1BL		2	-2S4	14		1WH		3	-2S6	11		2BL		4	-2S6	12		2WH		5	-2S8	13		3BL		6	-2S8	14		3WH		7		4BL		8		4WH		9		5BL		10		5WH		11	-3H4	x1		6BL		12	-3H4	x2		6WH		13	-3H6	x1		7BL		14	-3H6	x2		7WH		15		8BL		16		8WH		17		9BL		18		9WH		19		10BL		20		10WH	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80002B+44LCP-8004041-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 58


= 44C-80002B
 + 44LCP-8004041
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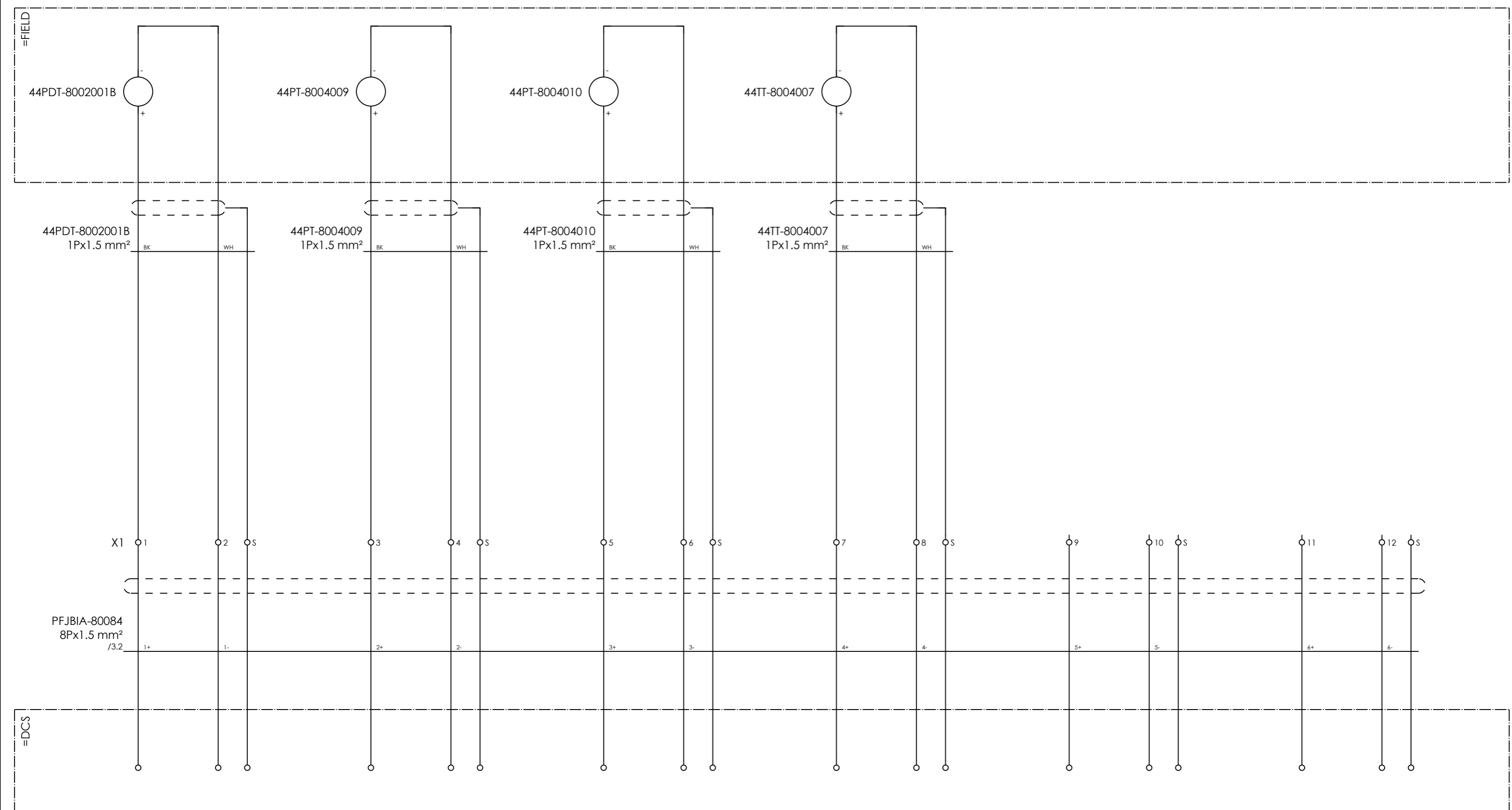
PFJBIA-80084

ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS

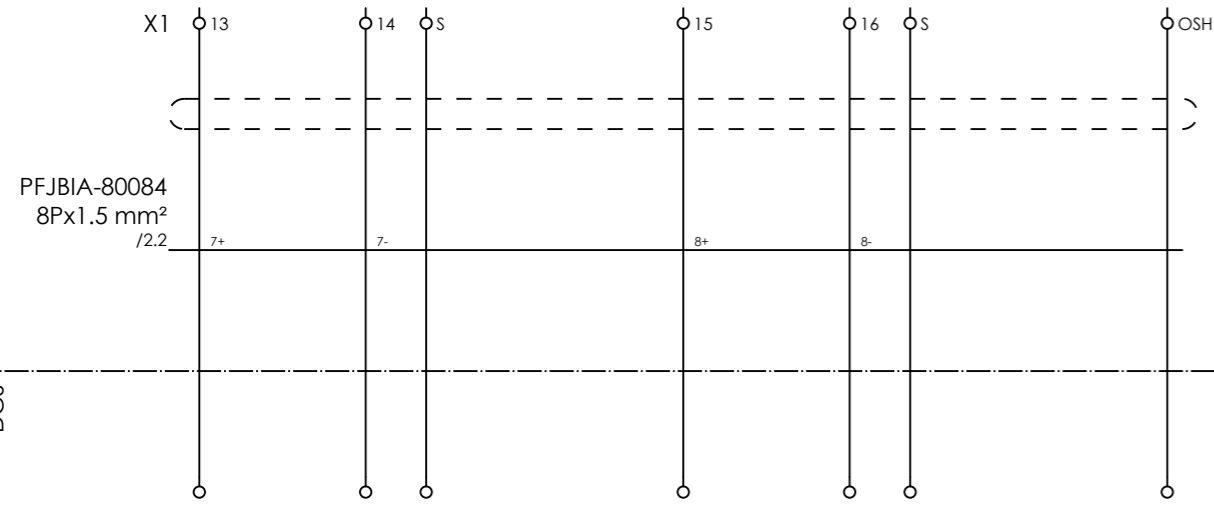
	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80002B	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80084	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	59		



INLET DIFFERENTIAL PRESSURE TRANSMITTER INLET PRESSURE TRANSMITTER DISCHARGE PRESSURE TRANSMITTER DISCHARGE TEMPERATURE TRANSMITTER SPARE SPARE

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80002B	
	EQUIPMENT NO.	Various	TRANSMITTERS		CHECKED BY	RBE	+ PFJBIA-80084	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
	CLIENT REF.	ASPC Project		REVISION	03	TOTAL PAGE AMOUNT	60	
AIRPACK REF.	23383-05 Wiring Diagram							

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	61

= 44C-80002B
+ PFJBIA-80084
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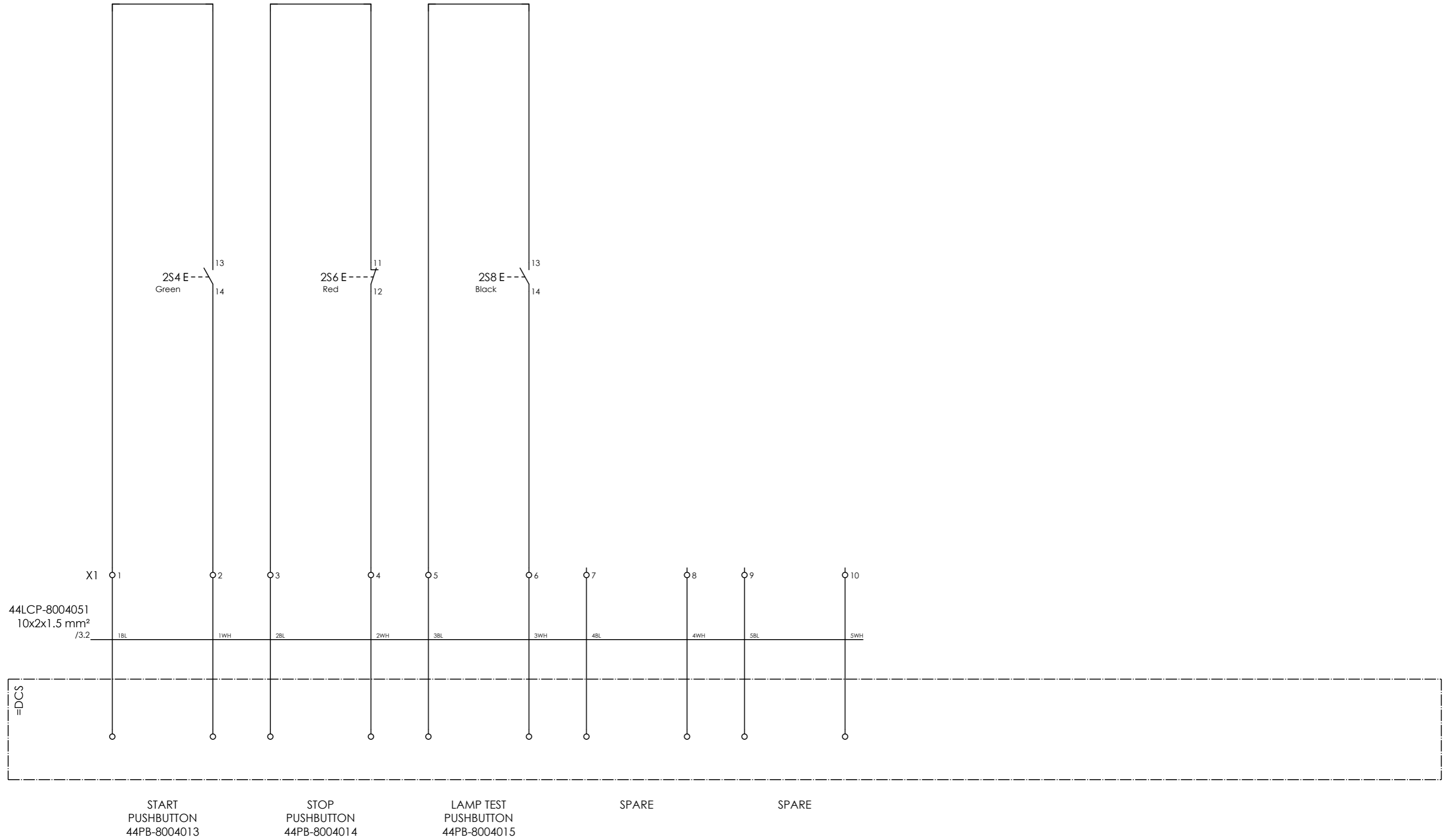
44LCP-8004051 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	RTR	= 44C-80004A
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ 44LCP-8004051
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	ASPC Project	AIRPACK DWG NO.	23383-05	
		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
		TOTAL PAGE AMOUNT	63			



44LCP-8004051
10x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON
44PB-8004013

STOP
PUSHBUTTON
44PB-8004014

LAMP TEST
PUSHBUTTON
44PB-8004015

SPARE

SPARE



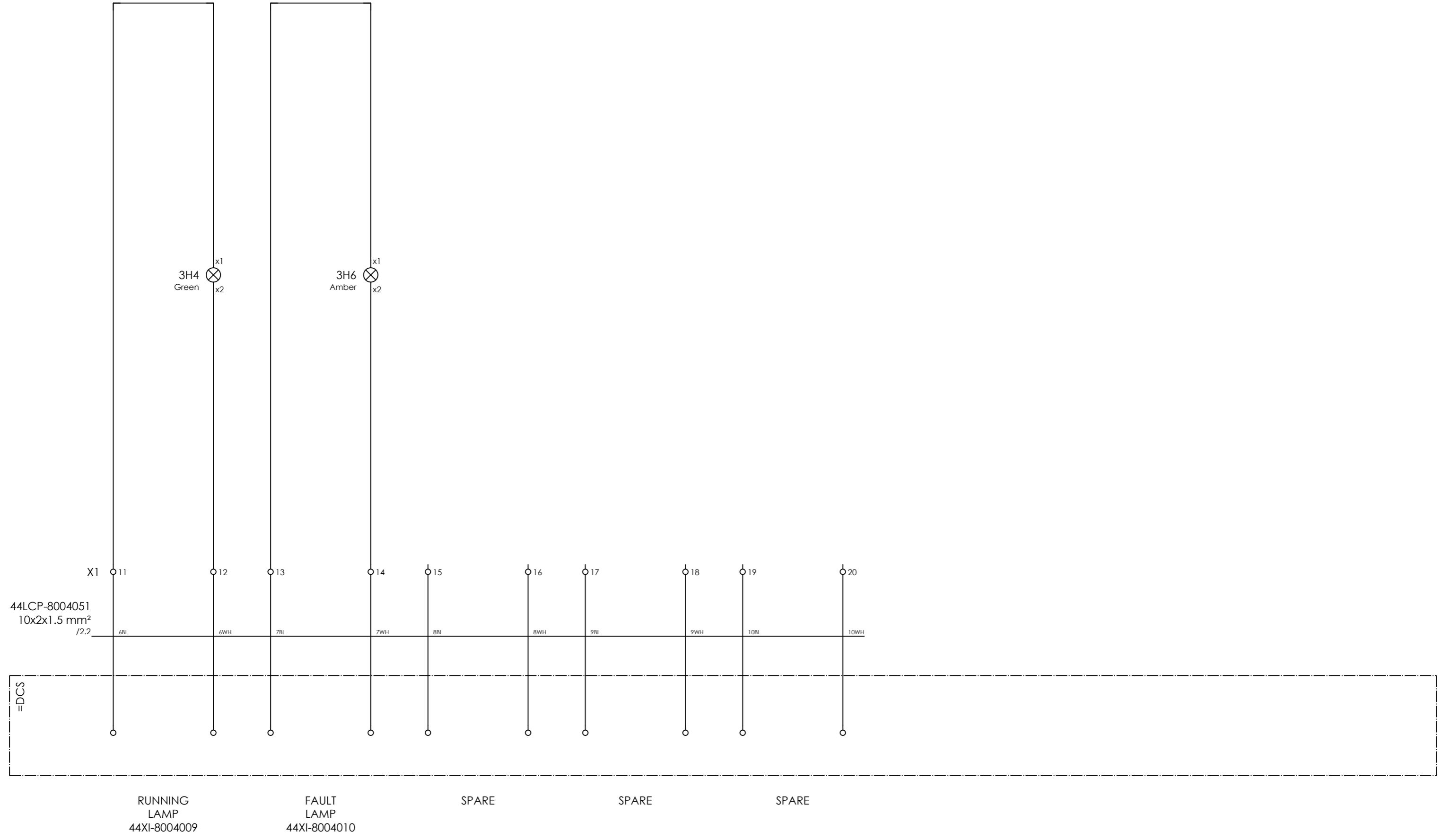
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	64

= 44C-80004A
+ 44LCP-8004051
CURRENT PAGE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT LAMPS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	65

= 44C-80004A
+ 44LCP-8004051
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80004A+44LCP-8004051-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name																																																																																									
Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point																																																																																
1	-2S4	13		1		1BL		2	-2S4	14		1WH		3	-2S6	11		2BL		4	-2S6	12		2WH		5	-2S8	13		3BL		6	-2S8	14		3WH		7		4BL		8		4WH		9		5BL		10		5WH		11	-3H4	x1		6BL		12	-3H4	x2		6WH		13	-3H6	x1		7BL		14	-3H6	x2		7WH		15		8BL		16		8WH		17		9BL		18		9WH		19		10BL		20		10WH	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
 THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!

SUBJECT Terminal diagram =44C-80004A+44LCP-8004051-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 66

= 44C-80004A
 + 44LCP-8004051
 CURRENT PAGE

PFJBIA-80085

ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS



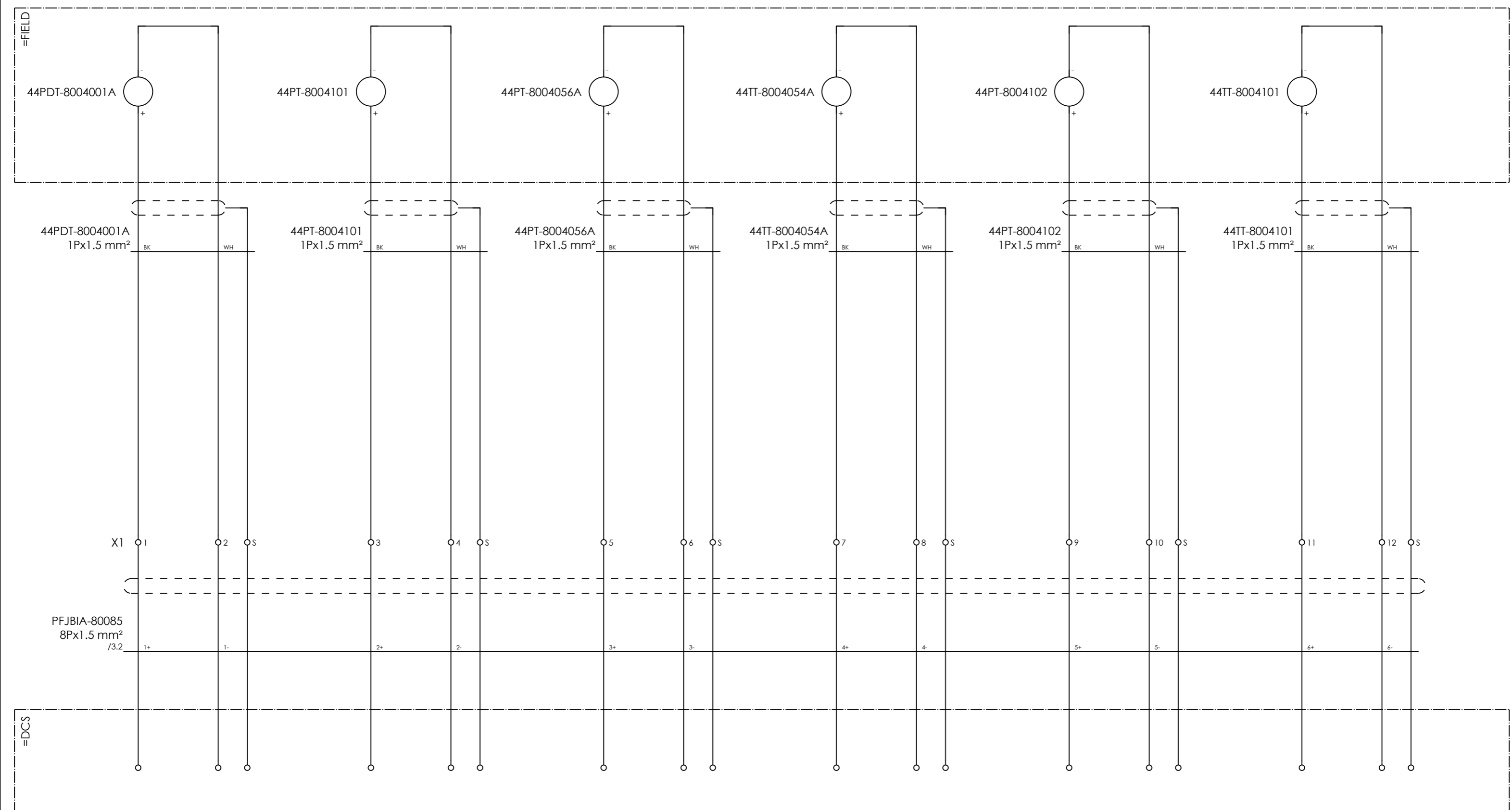
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT TERMINAL STRIP DEFINITION	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	67

= 44C-80004A
+ PFJBIA-80085
CURRENT PAGE



=FIELD

=DCS

44PDT-8004001A

44PT-8004101

44PT-8004056A

44TT-8004054A

44PT-8004102

44TT-8004101

44PDT-8004001A
1Px1.5 mm²

44PT-8004101
1Px1.5 mm²

44PT-8004056A
1Px1.5 mm²

44TT-8004054A
1Px1.5 mm²

44PT-8004102
1Px1.5 mm²

44TT-8004101
1Px1.5 mm²

PFJBIA-80085
8Px1.5 mm²
/3.2

X1

1

2

S

3

4

S

5

6

S

7

8

S

9

10

S

11

12

S

INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

OIL
TEMPERATURE
TRANSMITTER

OIL
PRESSURE
TRANSMITTER

DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER

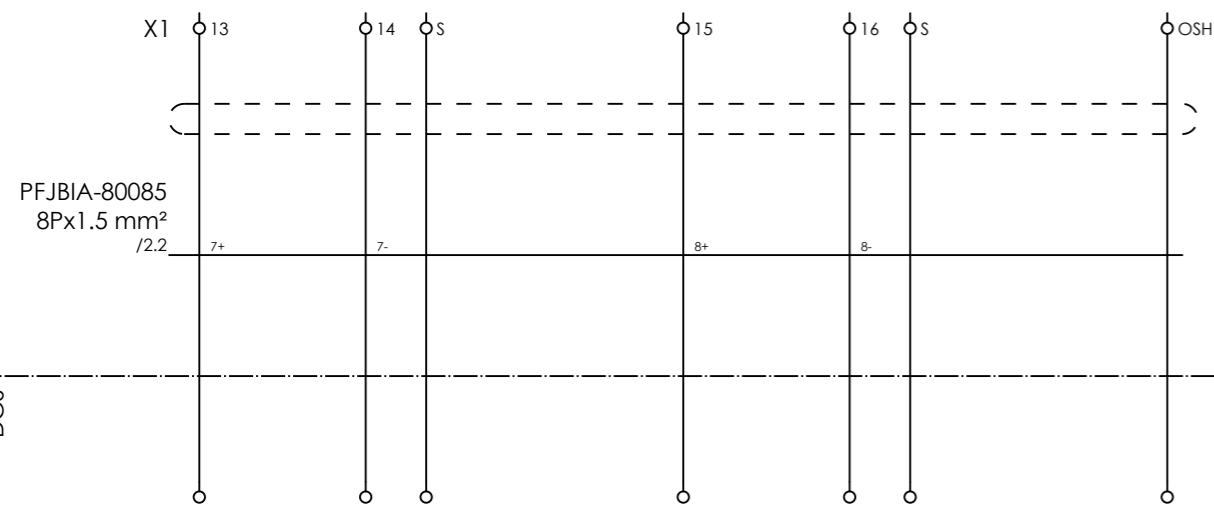
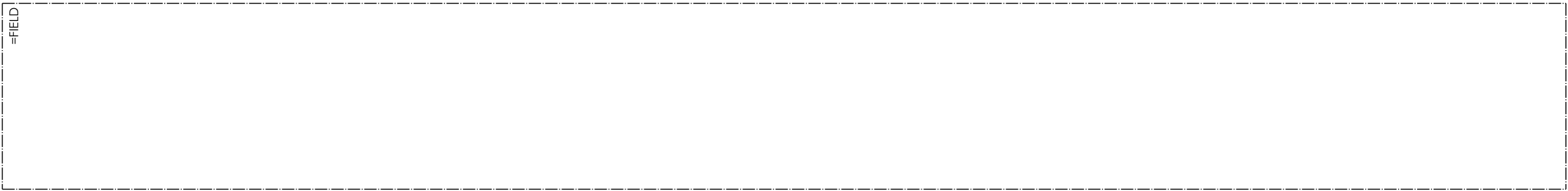


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80004A
CHECKED BY	RBE	+ PFJBIA-80085
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	68	

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80004A
CHECKED BY	RBE	+ PFJBIA-80085
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	69	

Terminal diagram

Cable name		Strip =44C-80004A+PFJBIA-80085-X1 CONNECTION TRANSMITTERS										Cable name	
Terminal	Connection point	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Connection point	Terminal	Connection point	
-44PDT-8004001A	1Px1.5 mm²	BK	WH										
-44PT-8004101	1Px1.5 mm²			BK	WH								
-44PT-8004056A	1Px1.5 mm²					BK	WH						
-44TT-8004054A	1Px1.5 mm²							BK	WH				
-44PT-8004102	1Px1.5 mm²									BK	WH		
	Connection point	+	-	+	-	+	-	+	-	+	-		
	Target designation	=FIELD-44PDT-8004001A	=FIELD-44PT-8004001A	=FIELD-44PT-8004101	=FIELD-44PT-8004101	=FIELD-44PT-8004056A	=FIELD-44PT-8004056A	=FIELD-44TT-8004054A	=FIELD-44TT-8004054A	=FIELD-44PT-8004102	=FIELD-44PT-8004102		
	Jumper	.	.	.	.	.	.	.	.	.	.
	Terminal	1	2	3	4	5	6	7	8	9	10		
	Connection point												
	Target designation												
-PFJBIA-80085	8Px1.5 mm²	1+	1-	2+	2-	3+	3-	4+	4-	5+	5-		



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80004A+PFJBIA-80085-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 70

= 44C-80004A
 + PFJBIA-80085
 CURRENT PAGE

Terminal diagram

Cable name	-44PT-8004101		1Px1.5 mm²		S																		
Strip =44C-80004A+PFJBIA-80085-X1 CONNECTION TRANSMITTERS	Connection point																						
	Target designation																						
	Jumper				.																		
	Terminal				S																		
	Connection point																						
	Target designation																						
Cable name	-PFJBIA-80085		8Px1.5 mm²		S																		



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80004A+PFJBIA-80085-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 72


= 44C-80004A
 + PFJBIA-80085
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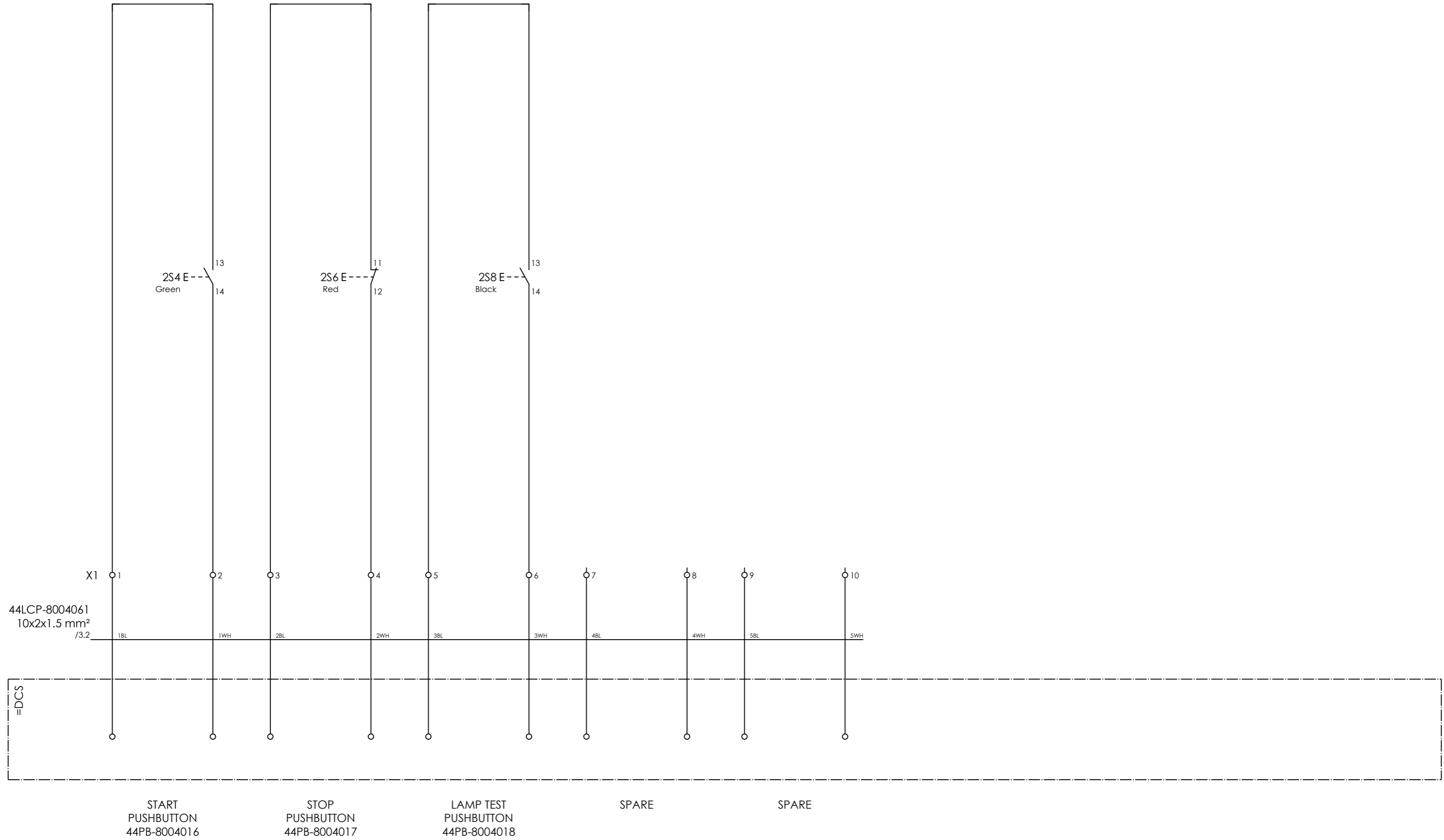
44LCP-8004061

LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80004B	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ 44LCP-8004061	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	73		



44LCP-8004061
10x2x1.5 mm²
/3.2

=DCS

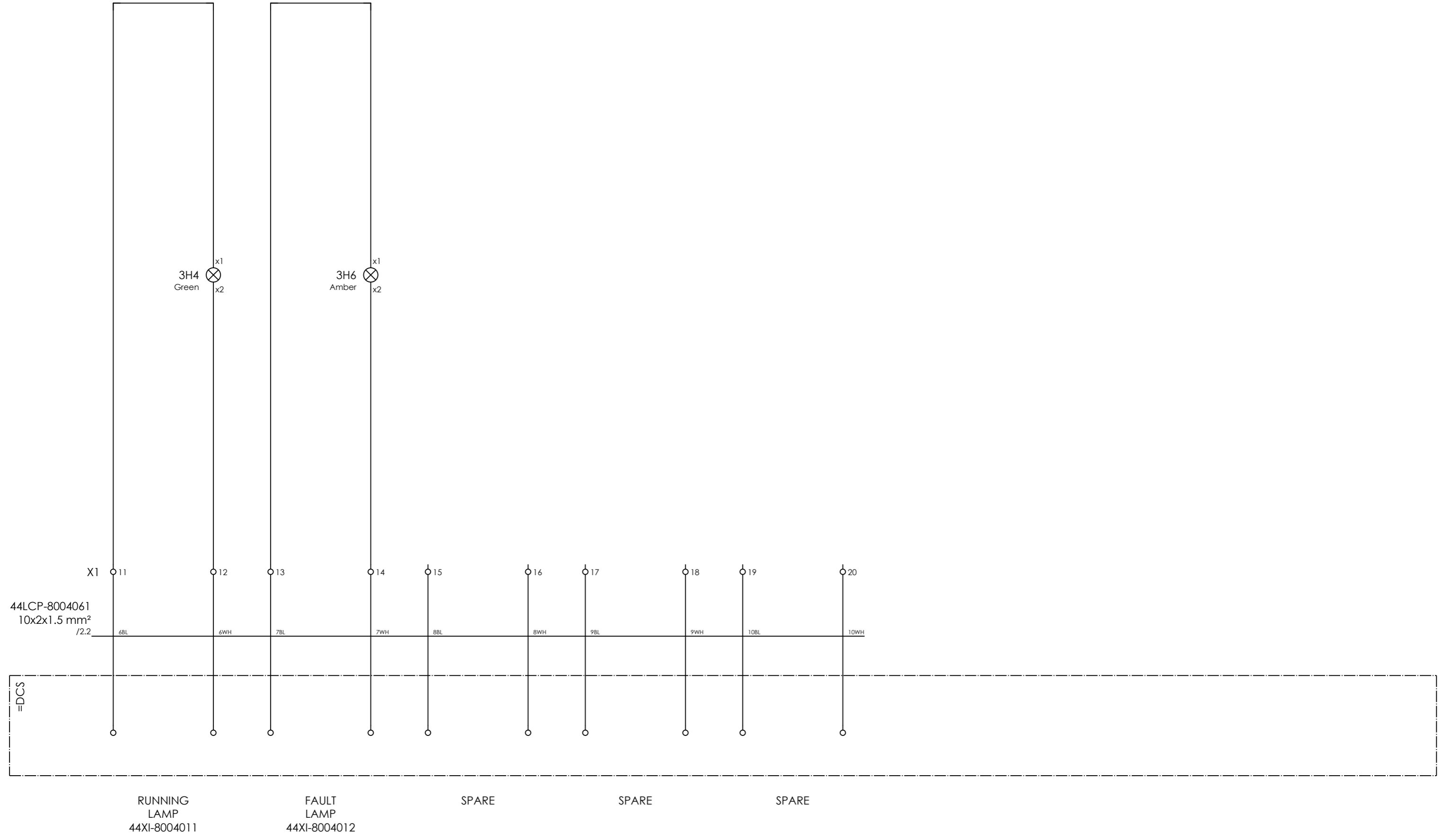
START
PUSHBUTTON
44PB-8004016

STOP
PUSHBUTTON
44PB-8004017

LAMP TEST
PUSHBUTTON
44PB-8004018

SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT LAMPS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	75

= 44C-80004B
+ 44LCP-8004061
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80004B+44LCP-8004061-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name																																																																																									
Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point																																																																																
1	-2S4	13		1		1BL		2	-2S4	14		1WH		3	-2S6	11		2BL		4	-2S6	12		2WH		5	-2S8	13		3BL		6	-2S8	14		3WH		7		4BL		8		4WH		9		5BL		10		5WH		11	-3H4	x1		6BL		12	-3H4	x2		6WH		13	-3H6	x1		7BL		14	-3H6	x2		7WH		15		8BL		16		8WH		17		9BL		18		9WH		19		10BL		20		10WH	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80004B+44LCP-8004061-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 76


= 44C-80004B
 + 44LCP-8004061
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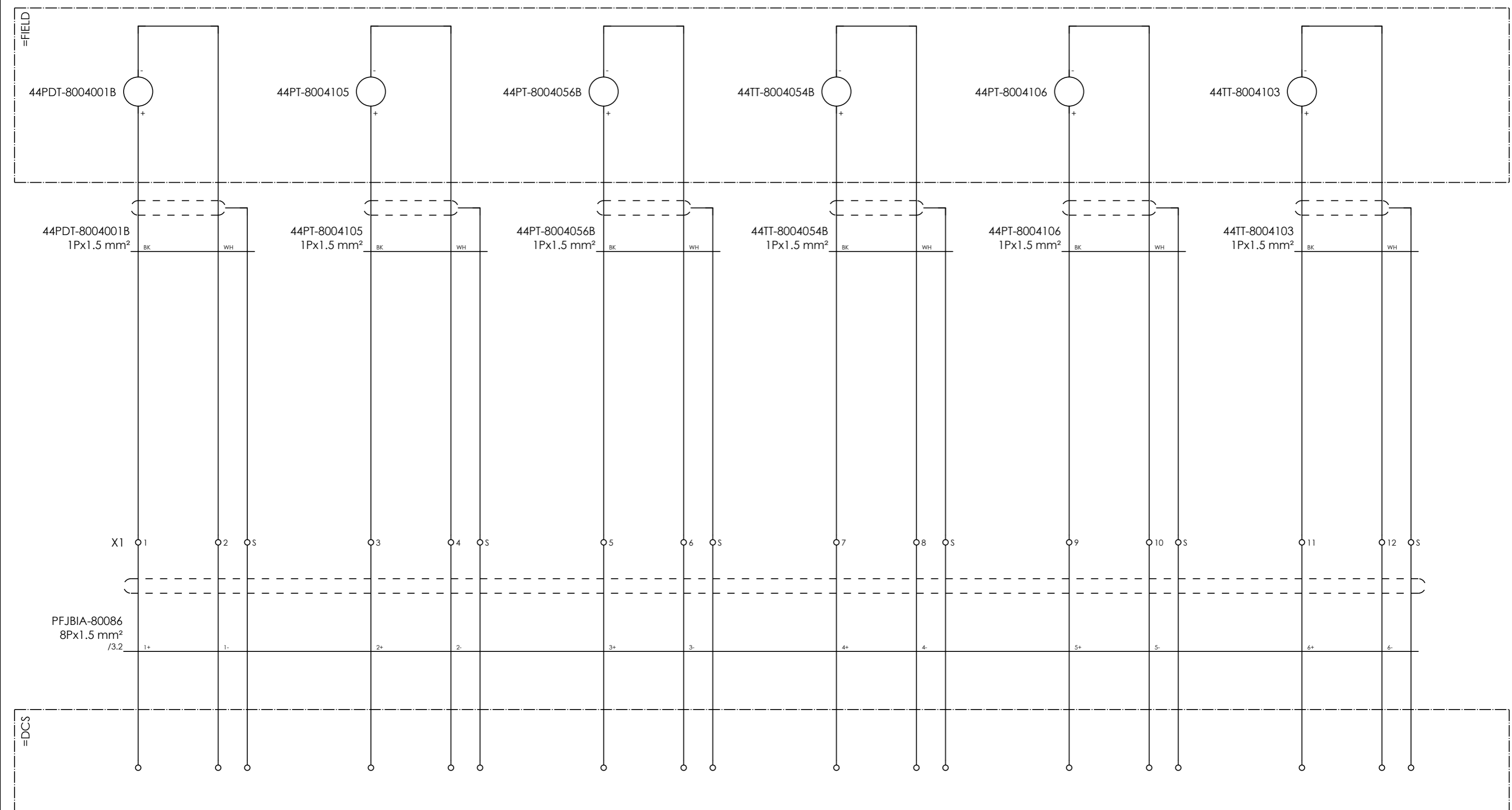
PFJBIA-80086

ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80004B	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80086	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	77		

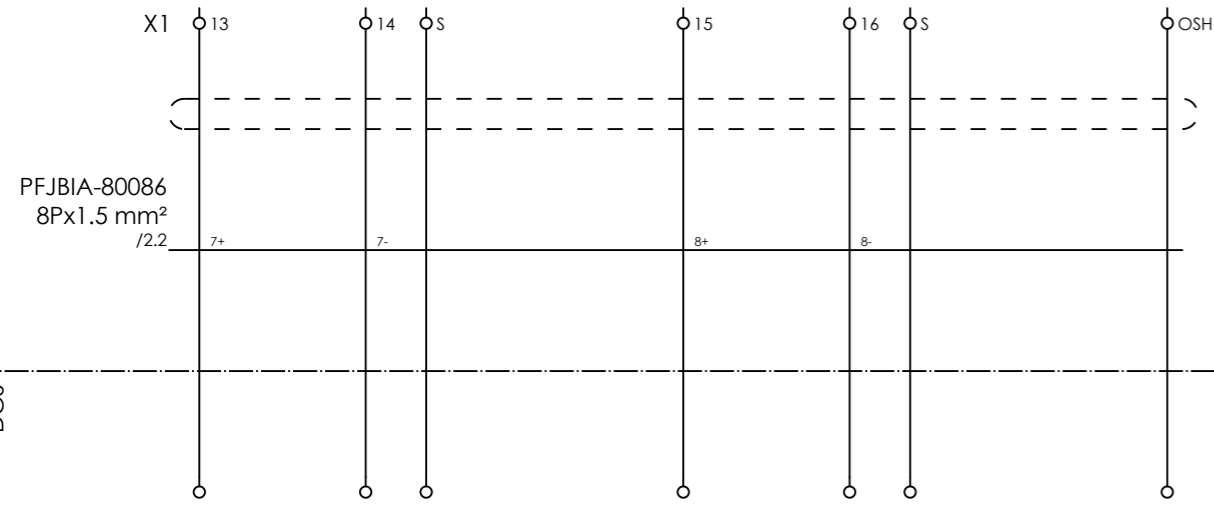


INLET DIFFERENTIAL PRESSURE TRANSMITTER INLET PRESSURE TRANSMITTER OIL TEMPERATURE TRANSMITTER OIL PRESSURE TRANSMITTER DISCHARGE PRESSURE TRANSMITTER DISCHARGE TEMPERATURE TRANSMITTER



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT TRANSMITTERS		DRAWN BY	RTR	= 44C-80004B
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ PFJBIA-80086
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	ASPC Project	AIRPACK DWG NO.	23383-05	
		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
				TOTAL PAGE AMOUNT	78	

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!

SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	79

= 44C-80004B
+ PFJBIA-80086
CURRENT PAGE

Terminal diagram

Cable name		-44PDT-8004001B		-44PT-8004105		-44PT-8004056B		-44TT-8004054B		-44PT-8004106																	
		1Px1.5 mm²	BK	WH	1Px1.5 mm²	BK	WH	1Px1.5 mm²	BK	WH	1Px1.5 mm²	BK	WH														
Strip =44C-80004B+PFJBIA-80086-X1 CONNECTION TRANSMITTERS		Connection point	+	-	+	-	+	-	+	-	+	-															
		Target designation	=FIELD-44PDT-8004001B	=FIELD-44PT-8004105	=FIELD-44PT-8004056B	=FIELD-44TT-8004054B	=FIELD-44PT-8004106																				
		Jumper															
		Terminal	1	2	3	4	5	6	7	8	9	10															
		Connection point																									
		Target designation																									
		Cable name		-PFJBIA-80086		8Px1.5 mm²		1+		1-		2+		2-		3+		3-		4+		4-		5+		5-	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore

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SUBJECT Terminal diagram =44C-80004B+PFJBIA-80086-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 80

= 44C-80004B
 + PFJBIA-80086
 CURRENT PAGE

Terminal diagram

Cable name	-44PT-8004105		1Px1.5 mm²		S																		
Strip =44C-80004B+PFJBIA-80086-X1 CONNECTION TRANSMITTERS	Connection point																						
	Target designation																						
	Jumper				.																		
	Terminal				S																		
	Connection point																						
	Target designation																						
Cable name	-PFJBIA-80086		8Px1.5 mm²		S																		



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
 THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!

SUBJECT Terminal diagram =44C-80004B+PFJBIA-80086-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram


DRAWN BY RTR
 CHECKED BY RBE
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 AIRPACK DWG NO. 23383-05
 REVISION 03
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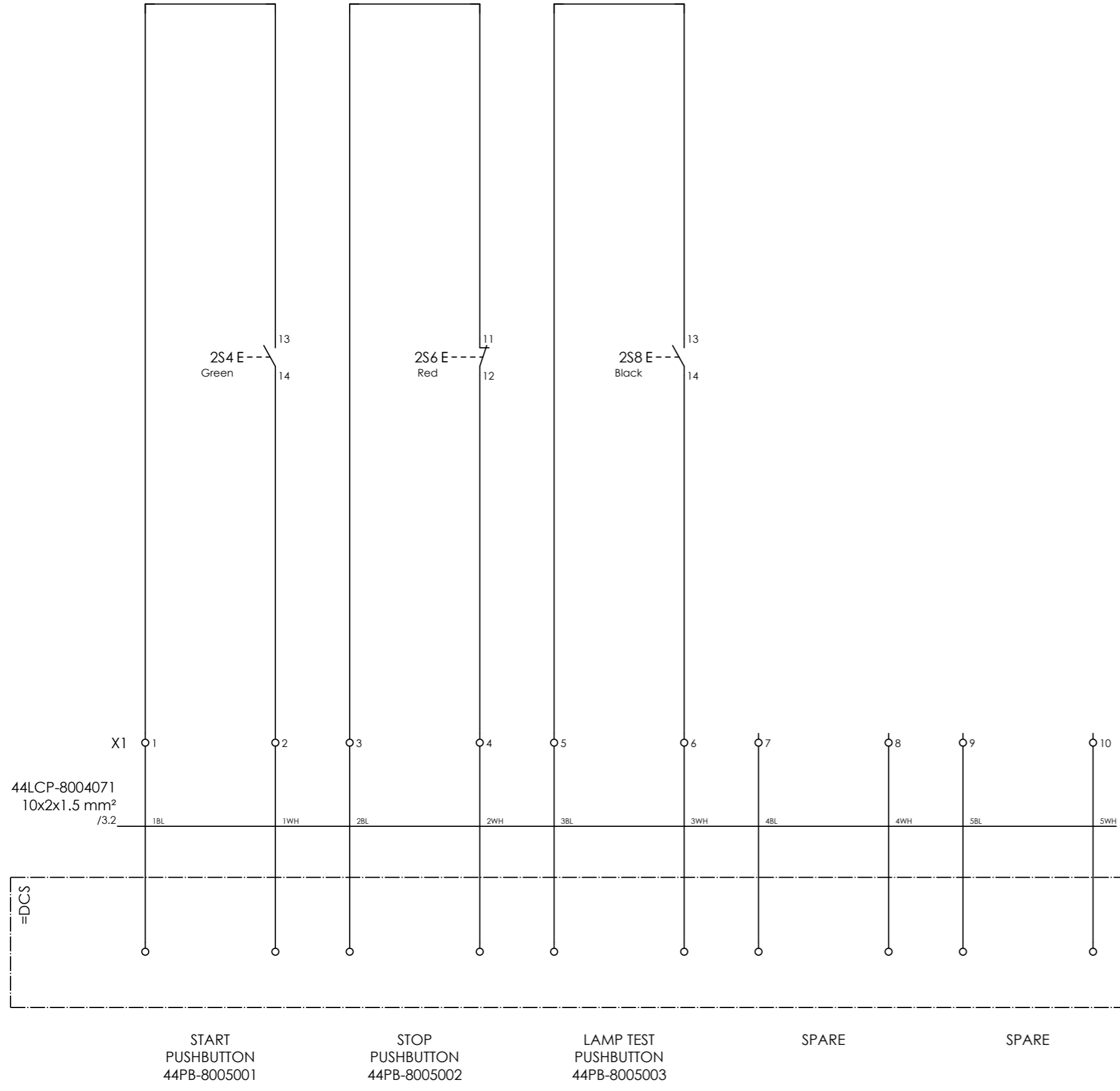
= 44C-80004B
 + PFJBIA-80086
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44LCP-8004071 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005A	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ 44LCP-8004071	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	83		



44LCP-8004071
10x2x1.5 mm²
/3.2

=DCS

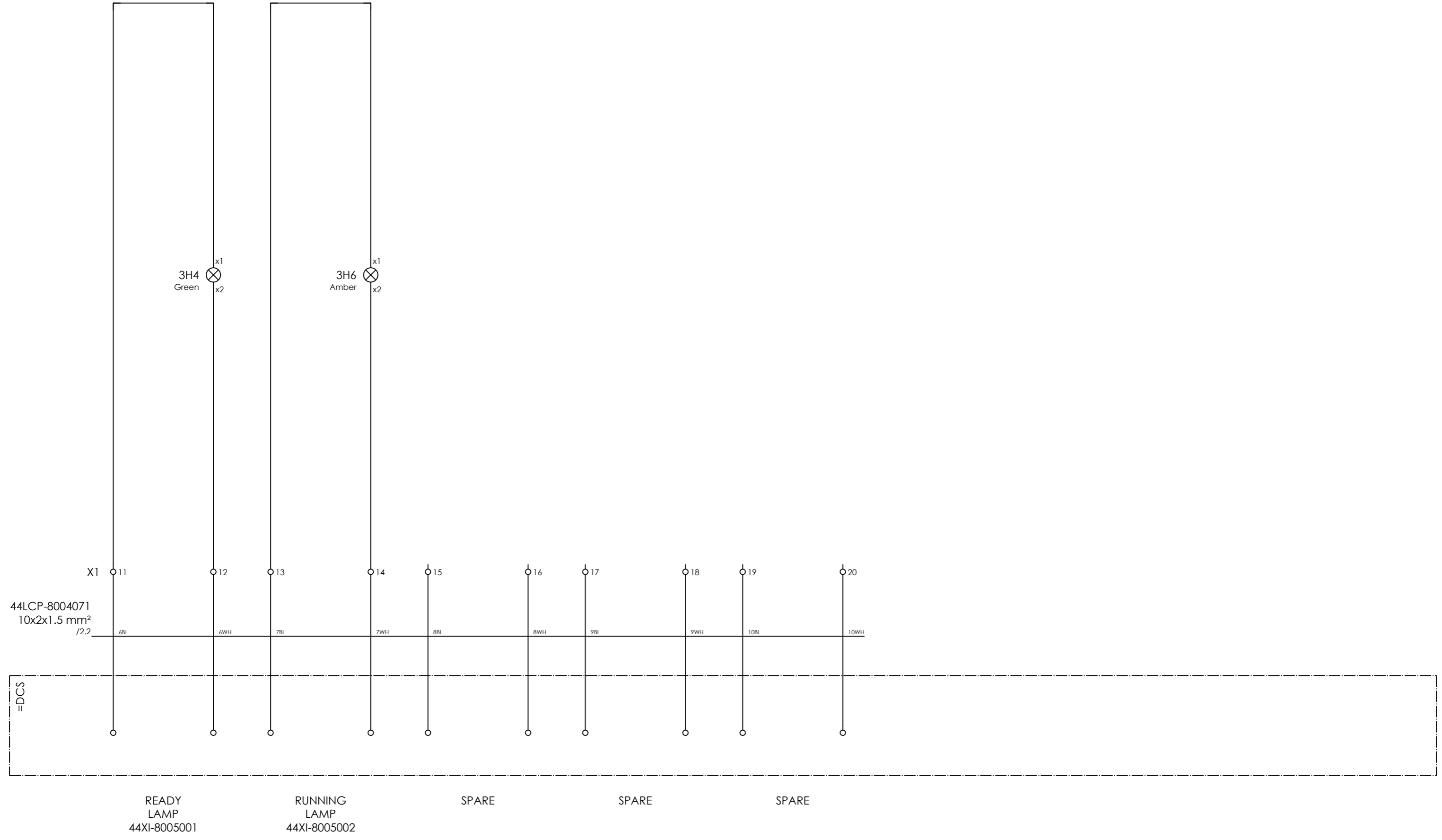


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	84

= 44C-80005A
+ 44LCP-8004071
CURRENT PAGE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT LAMPS	
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company
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		AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80005A
CHECKED BY	RBE	+ 44LCP-8004071
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	85	

Terminal diagram

Cable name		Strip =44C-80005A+44LCP-8004071-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name																																																																																					
Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point	Terminal	Connection point																																																																												
1	-2S4	13		1		1BL		2	-2S4	14		1WH		3	-2S6	11		2BL		4	-2S6	12		2WH		5	-2S8	13		3BL		6	-2S8	14		3WH		7		4BL		8		4WH		9		5BL		10		5WH		11	-3H4	x1	6BL		12	-3H4	x2	6WH		13	-3H6	x1	7BL		14	-3H6	x2	7WH		15		8BL		16		8WH		17		9BL		18		9WH		19		10BL		20		10WH	



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT Terminal diagram =44C-80005A+44LCP-8004071-X1	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram


DRAWN BY	RTR	= 44C-80005A
CHECKED BY	RBE	+ 44LCP-8004071
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	86	

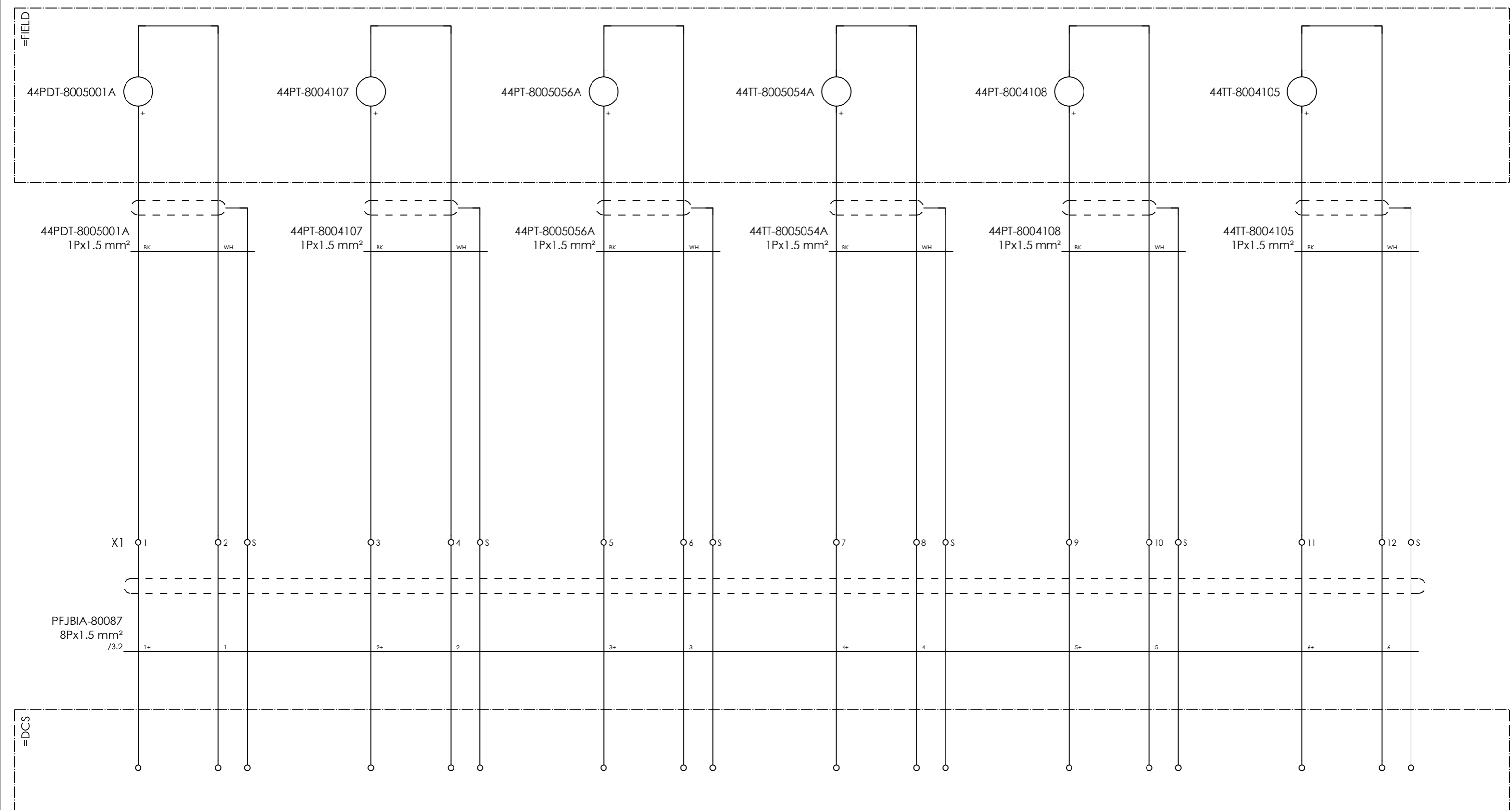
PFJBIA-80087

ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005A	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80087	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	87		

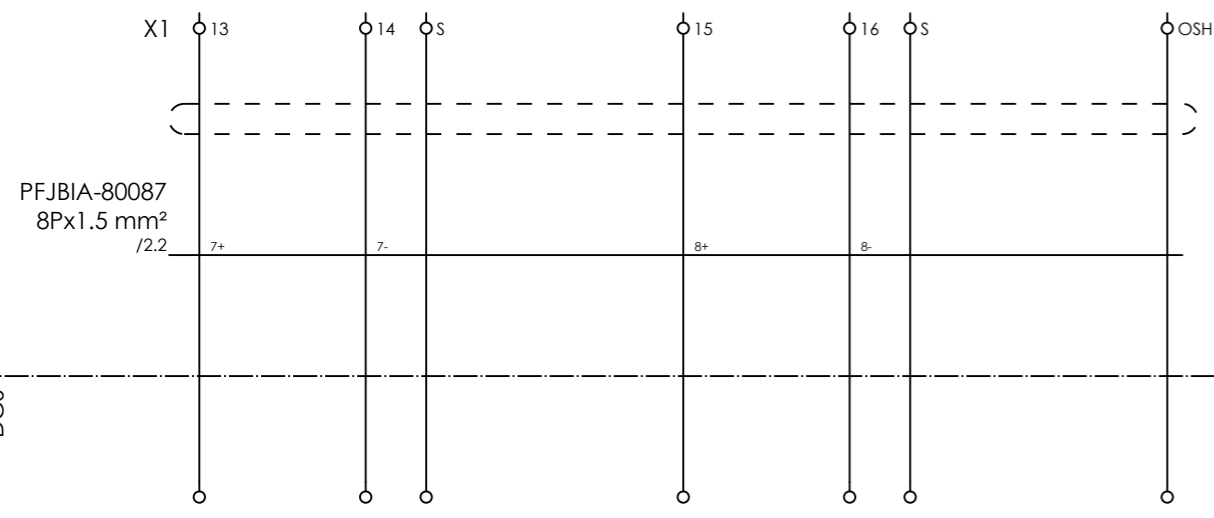
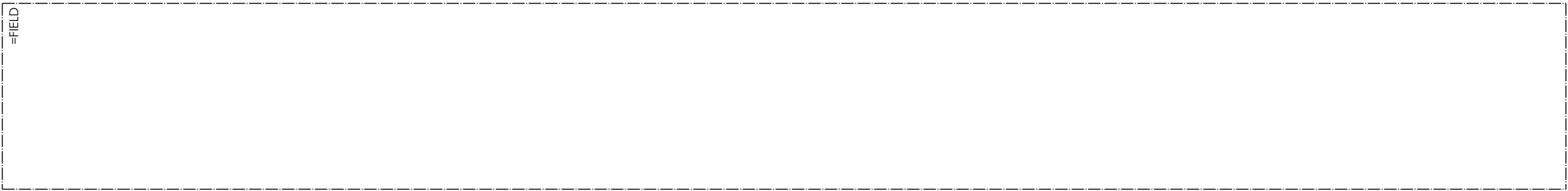


INLET DIFFERENTIAL PRESSURE TRANSMITTER INLET PRESSURE TRANSMITTER OIL TEMPERATURE TRANSMITTER OIL PRESSURE TRANSMITTER DISCHARGE PRESSURE TRANSMITTER DISCHARGE TEMPERATURE TRANSMITTER



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TRANSMITTERS		DRAWN BY	RTR	= 44C-80005A
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05		CHECKED BY	RBE	+ PFJBIA-80087
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company		LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT REF.	ASPC Project		AIRPACK DWG NO.	23383-05	
		AIRPACK REF.	23383-05 Wiring Diagram		REVISION	03	
				TOTAL PAGE AMOUNT	88		

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	

SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	89

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44LCP-8004081

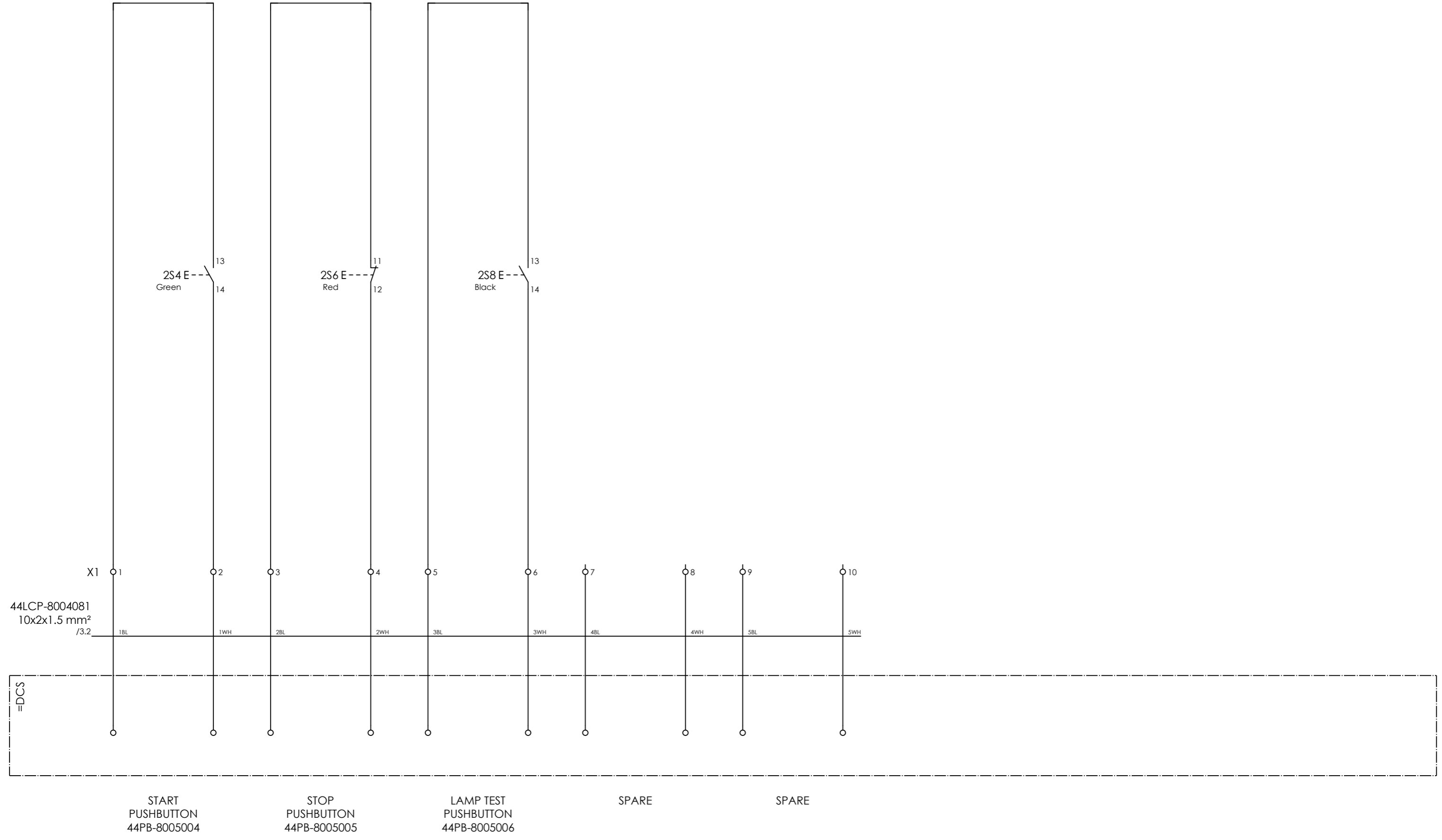
LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	RTR	= 44C-80005B
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ 44LCP-8004081
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
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		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	03	
				TOTAL PAGE AMOUNT	93	



44LCP-8004081
10x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON
44PB-8005004

STOP
PUSHBUTTON
44PB-8005005

LAMP TEST
PUSHBUTTON
44PB-8005006

SPARE

SPARE

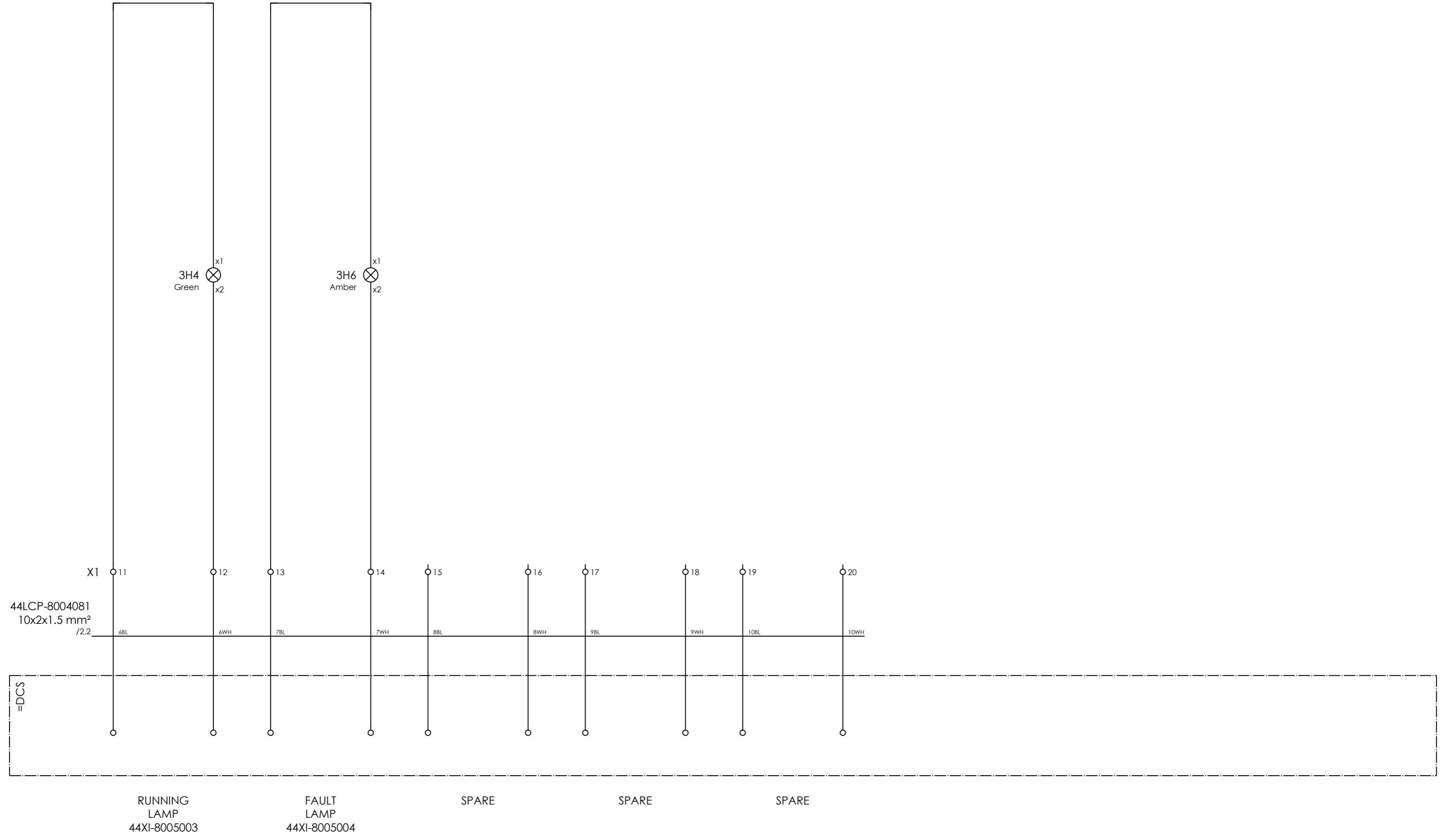


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	94

= 44C-80005B
+ 44LCP-8004081
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CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	LAMPS
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company
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		AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	95

= 44C-80005B
+ 44LCP-8004081
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Terminal diagram

Cable name		Strip =44C-80005B+44LCP-8004081-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name	
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point
1	-2S4	13				1						1BL	
2	-2S4	14				2						1WH	
3	-2S6	11				3						2BL	
4	-2S6	12				4						2WH	
5	-2S8	13				5						3BL	
6	-2S8	14				6						3WH	
7						7						4BL	
8						8						4WH	
9						9						5BL	
10						10						5WH	
11	-3H4	x1				11						6BL	
12	-3H4	x2				12						6WH	
13	-3H6	x1				13						7BL	
14	-3H6	x2				14						7WH	
15						15						8BL	
16						16						8WH	
17						17						9BL	
18						18						9WH	
19						19						10BL	
20						20						10WH	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore

SUBJECT Terminal diagram =44C-80005B+44LCP-8004081-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 96

= 44C-80005B
 + 44LCP-8004081
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PFJBIA-80088

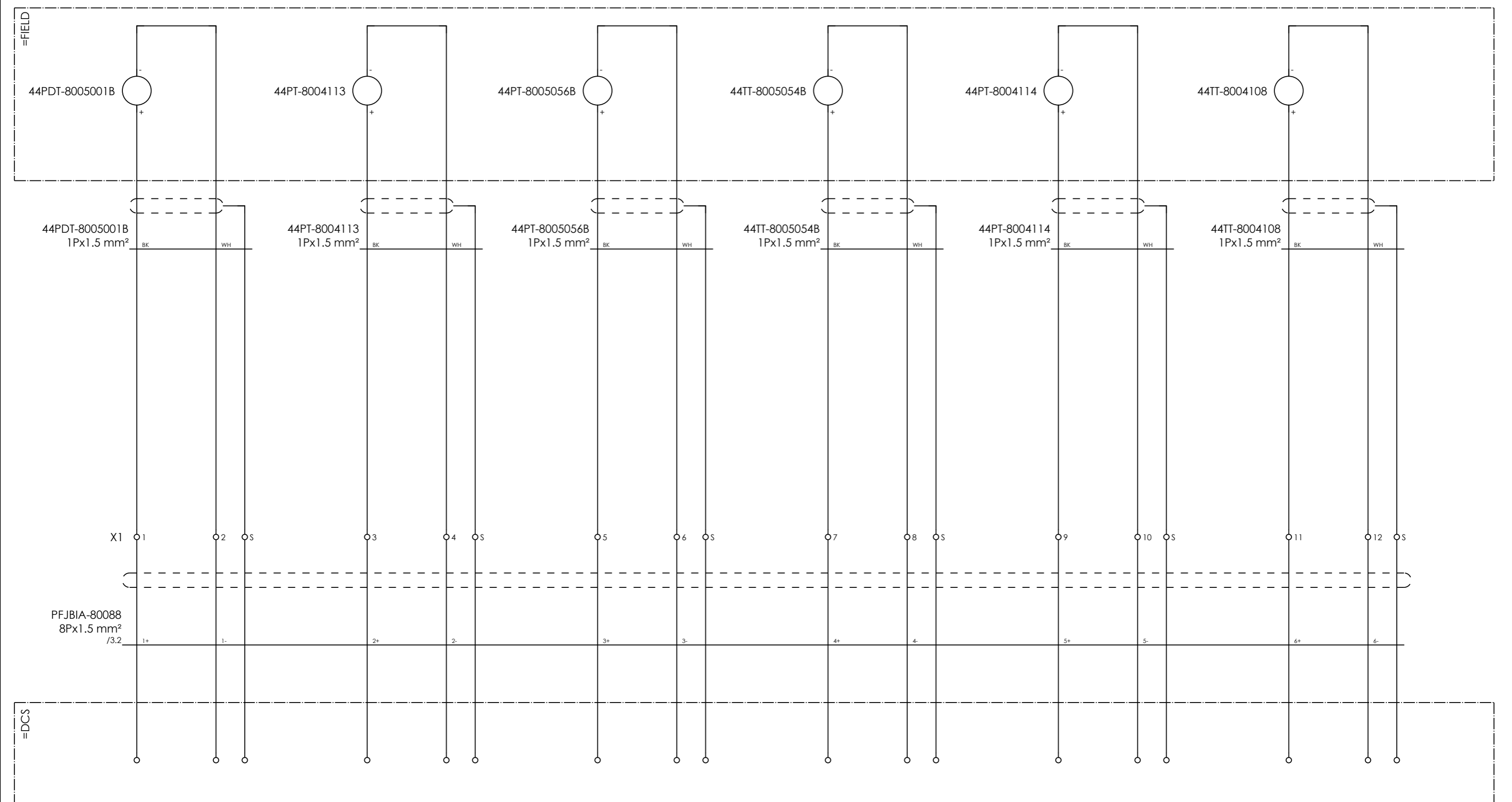
ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION


X1 = CONNECTION TRANSMITTERS



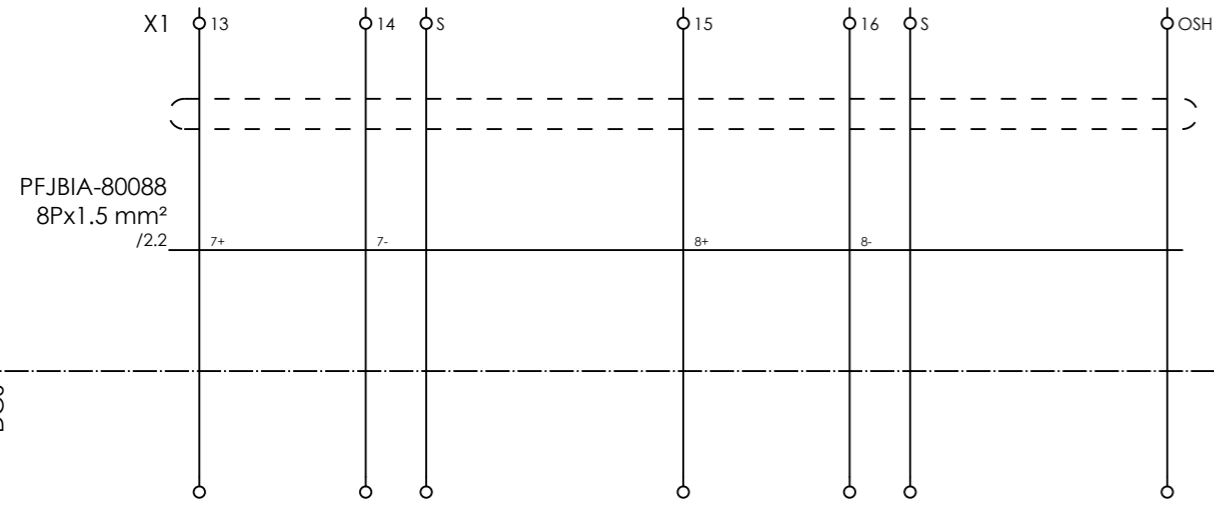
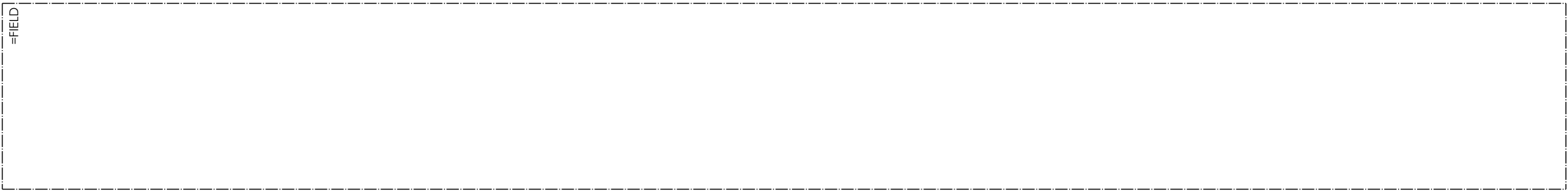
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005B
EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80088
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project	REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	97	



INLET DIFFERENTIAL PRESSURE TRANSMITTER INLET PRESSURE TRANSMITTER OIL TEMPERATURE TRANSMITTER OIL PRESSURE TRANSMITTER DISCHARGE PRESSURE TRANSMITTER DISCHARGE TEMPERATURE TRANSMITTER

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005B	
	EQUIPMENT NO.	Various	TRANSMITTERS		CHECKED BY	RBE	+ PFJBIA-80088	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
	CLIENT REF.	ASPC Project		REVISION	03			
AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	98				

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	99

= 44C-80005B
+ PFJBIA-80088
CURRENT PAGE

Terminal diagram

Cable name		Cable name																								
-44TT-8004108	1Px1.5 mm²	BK	WH																							
-44PDT-8005001B	1Px1.5 mm²			S																						
-44PT-8004114	1Px1.5 mm²				S																					
-44TT-8005054B	1Px1.5 mm²					S																				
-44PT-8005056B	1Px1.5 mm²						S																			
Connection point		+	-																							
Target designation		=FIELD-44TT-8004108	=FIELD-44TT-8004108																							
Jumper		.	.																							
Terminal		11	12	13	14	15	16	OSH	S	S	S	S	S	S	S	S										
Connection point																										
Target designation																										
Cable name																										
-PFJBIA-80088	8Px1.5 mm²	6+	6-	7+	7-	8+	8-	S	S	S	S	S	S	S	S	S										

Strip
=44C-80005B+PFJBIA-80088-X1
CONNECTION TRANSMITTERS



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80005B+PFJBIA-80088-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 101

= 44C-80005B
 + PFJBIA-80088
 CURRENT PAGE

Terminal diagram

Cable name	-44PT-8004113		1Px1.5 mm²		S																			
Strip =44C-80005B+PFJBIA-80088-X1 CONNECTION TRANSMITTERS	Connection point																							
	Target designation																							
	Jumper				.																			
	Terminal				S																			
	Connection point																							
	Target designation																							
Cable name	-PFJBIA-80088		8Px1.5 mm²		S																			



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80005B+PFJBIA-80088-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 102


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 + PFJBIA-80088
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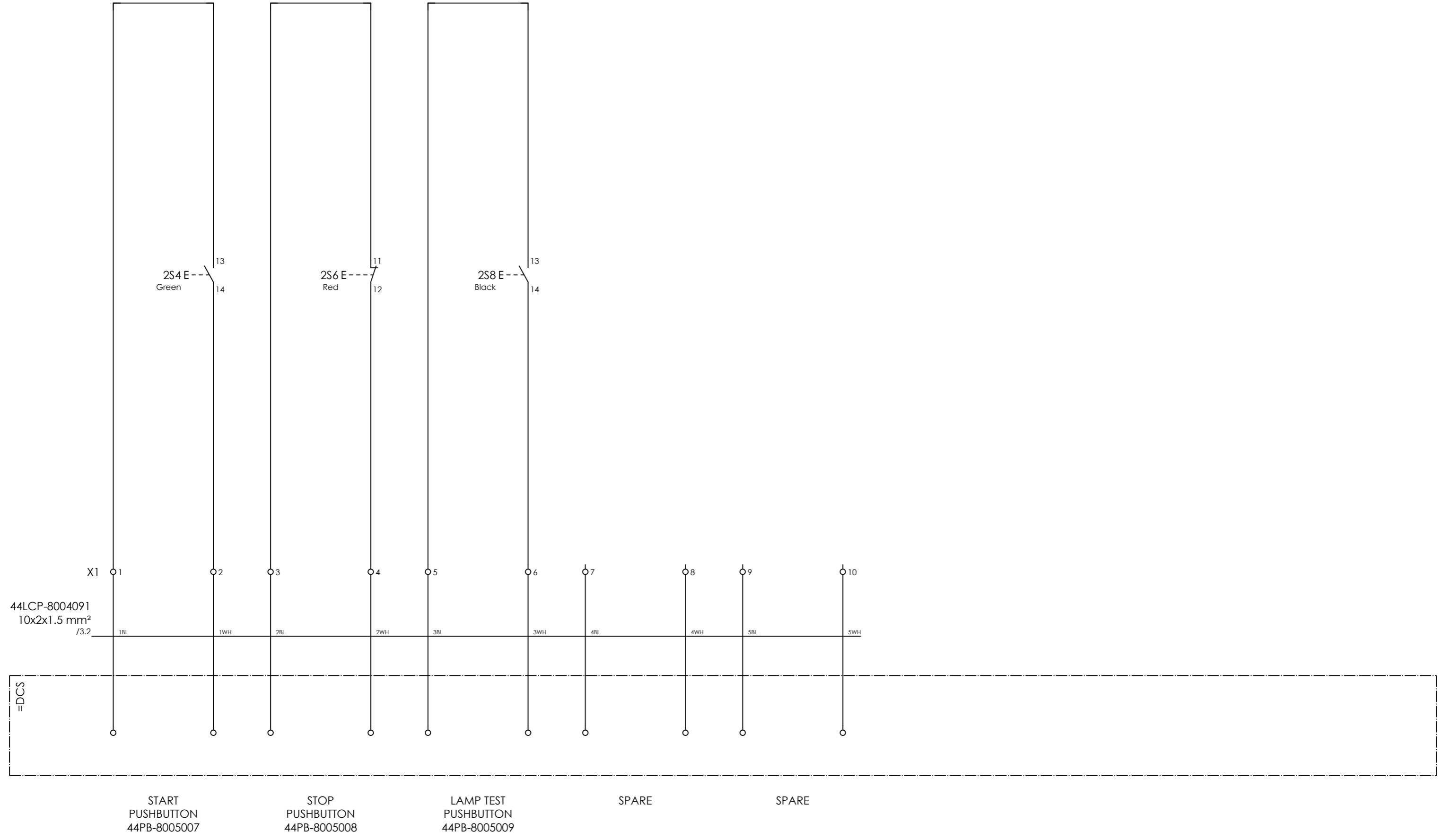
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LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS

	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005C	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ 44LCP-8004091	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company		AIRPACK DWG NO.	23383-05	
			CLIENT REF.	ASPC Project		REVISION	03	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	103		

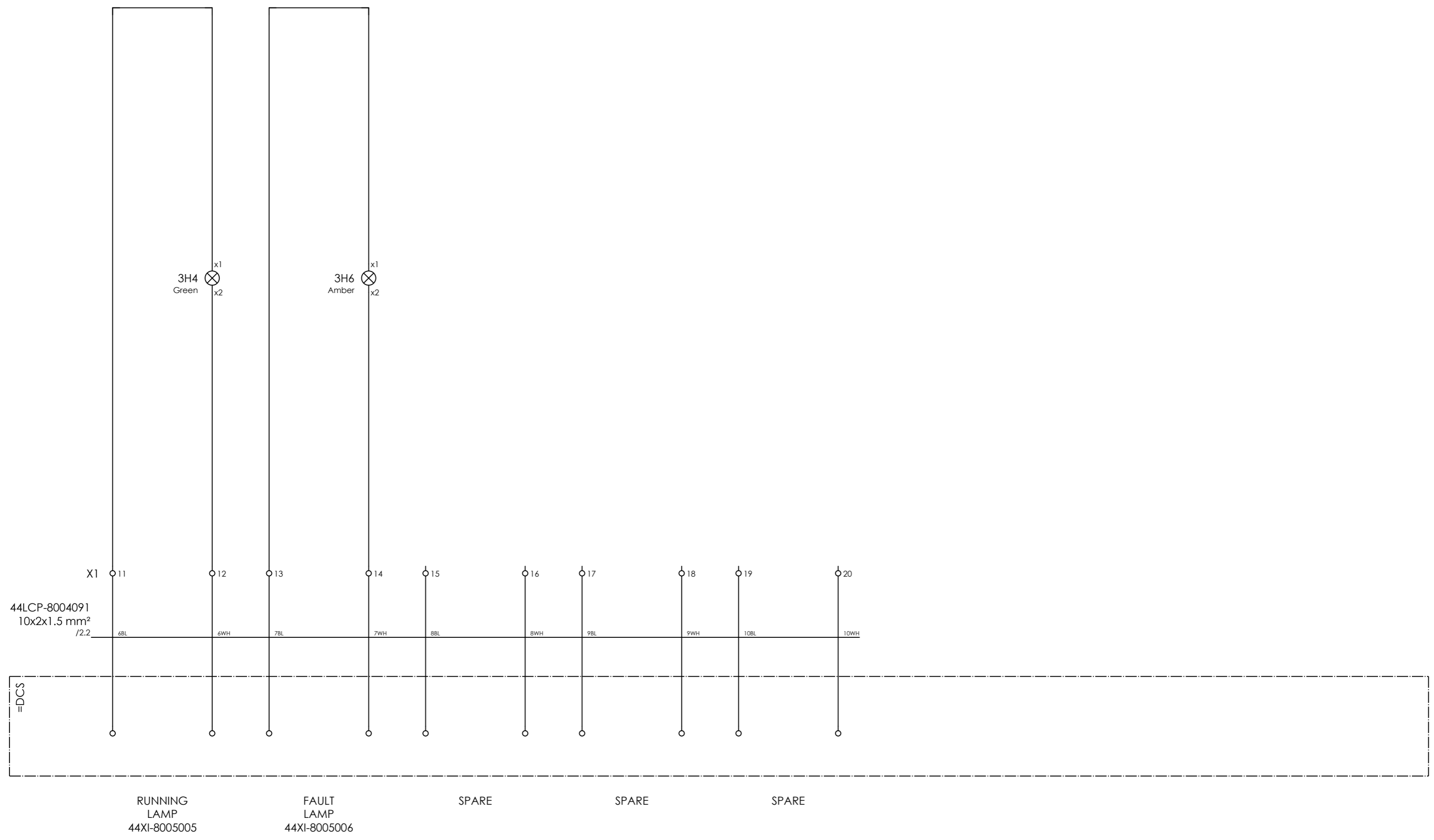


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	8/13/2025
AIRPACK DWG NO.	23383-05
REVISION	03
TOTAL PAGE AMOUNT	104

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+ 44LCP-8004091
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CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT LAMPS	
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company
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		AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80005C
CHECKED BY	RBE	+ 44LCP-8004091
LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	03	
TOTAL PAGE AMOUNT	105	

Terminal diagram

Cable name		Strip =44C-80005C+44LCP-8004091-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name	
Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point
1		.	-2S4	1		.		1		.		1BL	
2		.	-2S4	2		.		2		.		1WH	
3		.	-2S6	3		.		3		.		2BL	
4		.	-2S6	4		.		4		.		2WH	
5		.	-2S8	5		.		5		.		3BL	
6		.	-2S8	6		.		6		.		3WH	
7		.		7		.		7		.		4BL	
8		.		8		.		8		.		4WH	
9		.		9		.		9		.		5BL	
10		.		10		.		10		.		5WH	
11		.	-3H4	11	x1	.		11		.		6BL	
12		.	-3H4	12	x2	.		12		.		6WH	
13		.	-3H6	13	x1	.		13		.		7BL	
14		.	-3H6	14	x2	.		14		.		7WH	
15		.		15		.		15		.		8BL	
16		.		16		.		16		.		8WH	
17		.		17		.		17		.		9BL	
18		.		18		.		18		.		9WH	
19		.		19		.		19		.		10BL	
20		.		20		.		20		.		10WH	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80005C+44LCP-8004091-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 106

= 44C-80005C
 + 44LCP-8004091
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PFJBIA-80089

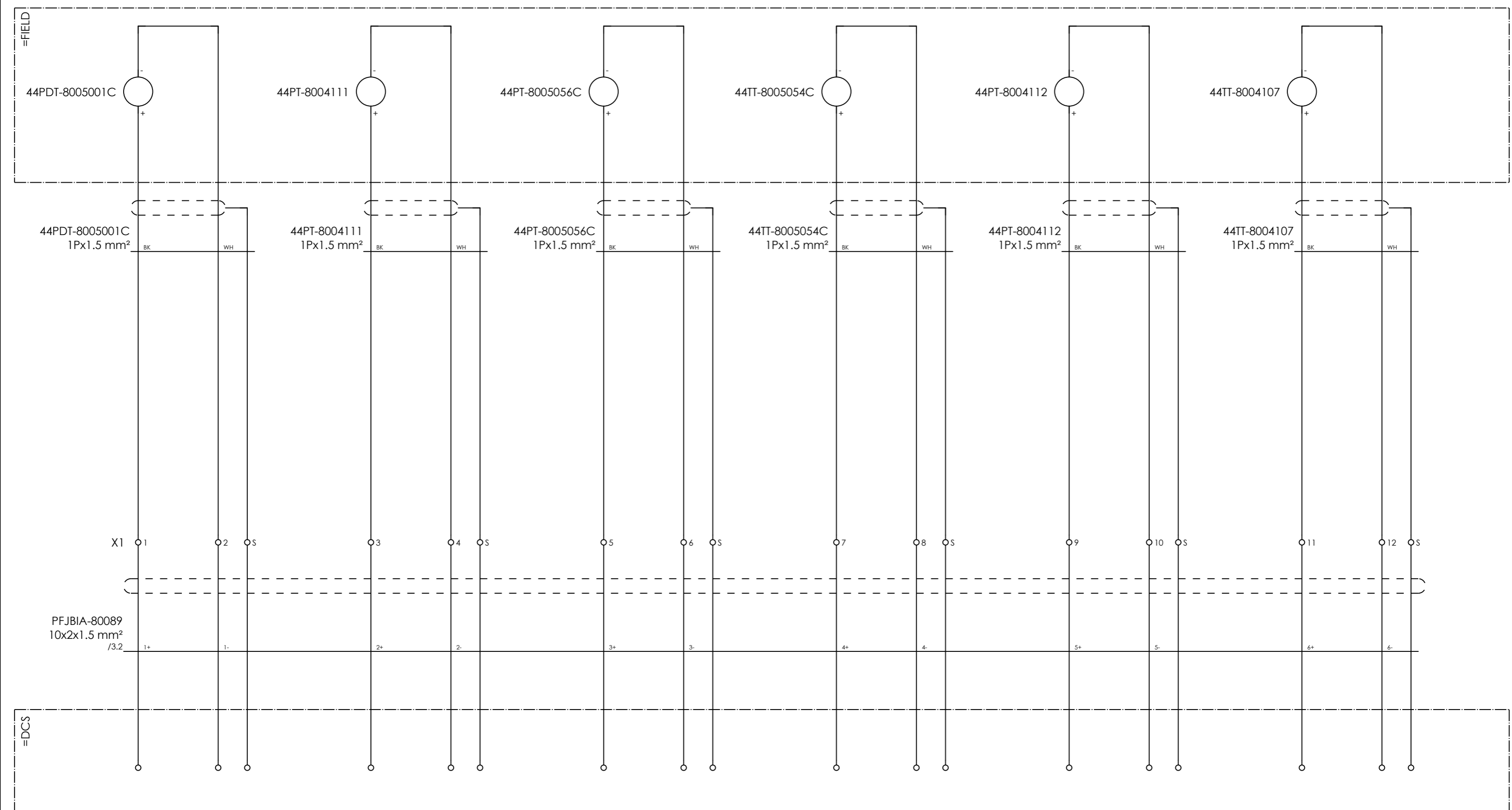
ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION


X1 = CONNECTION TRANSMITTERS



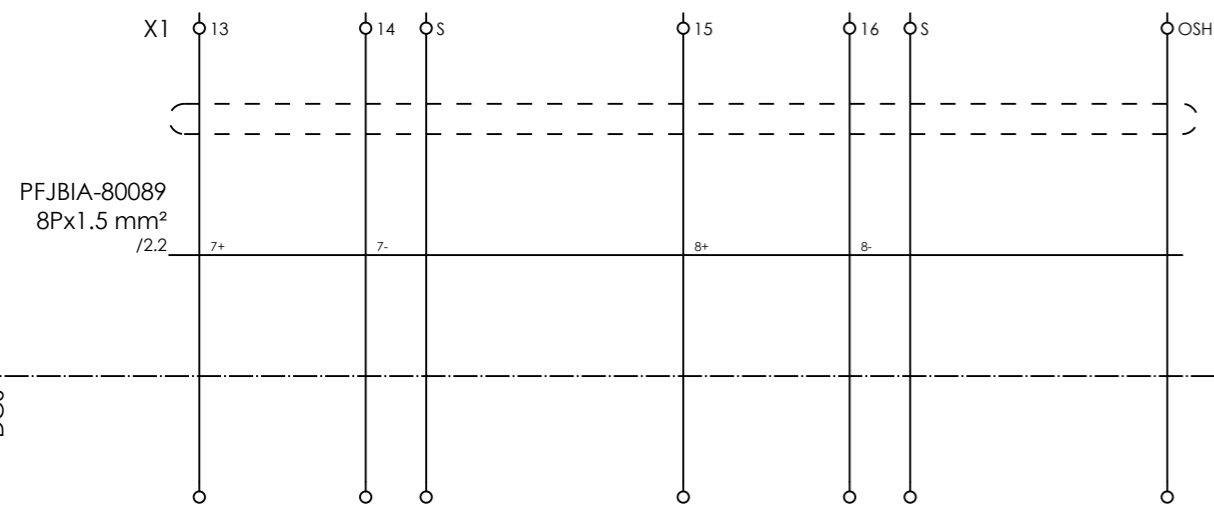
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005C
EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80089
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	8/13/2025	CURRENT PAGE
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		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	107	



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	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005C	
	EQUIPMENT NO.	Various	TRANSMITTERS		CHECKED BY	RBE	+ PFJBIA-80089	
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	CLIENT REF.	ASPC Project		REVISION	03			
AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	108				

=FIELD



=DCS



SPARE

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

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AIRPACK DWG NO.	23383-05
REVISION	03
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Terminal diagram

Cable name	-44PT-8004111																		
	1Px1.5 mm²	5																	
Strip =44C-80005C+PFJBIA-80089-X1 CONNECTION TRANSMITTERS	Connection point																		
	Target designation																		
	Jumper	.																	
	Terminal	5																	
	Connection point																		
	Target designation																		
Cable name	-PFJBIA-80089																		
	10x2x1.5 mm²	5																	



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Terminal diagram =44C-80005C+PFJBIA-80089-X1
 ADAPTED TO P&ID REVISION 05
 CLIENT Arya Sasol Polymer Company
 CLIENT REF. ASPC Project
 AIRPACK REF. 23383-05 Wiring Diagram

DRAWN BY RTR
 CHECKED BY RBE
 LAST MODIFICATION DATE 8/13/2025
 AIRPACK DWG NO. 23383-05
 REVISION 03
 TOTAL PAGE AMOUNT 112

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