



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.		

Rev. No.	Description	Date	Prepared by	Checked by	Approved by
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



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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.	: 02
Last modifications	:	7/14/2025		
Last modifications by	:	RTR		



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	Title page / cover sheet		DRAWN BY	RTR	=
EQUIPMENT NO.	Various				CHECKED BY	RBE	+
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05		LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project		REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	1	

COMMENTS ON ELECTRICAL DRAWINGS

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

GLANDS: NICKEL PLATED BRASS GLANDS WITHOUT SHROUDS, IP-65
 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	Project description		CHECKED BY	RBE	+
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CLIENT	Arya Sasol Polymer Company
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=44C-80005C+PFJBIA-80089/1	TERMINAL STRIP DEFINITION	130	7/14/2025	rtriegaardt
=44C-80005C+PFJBIA-80089/2	TRANSMITTERS	131	7/14/2025	rtriegaardt
=44C-80005C+PFJBIA-80089/3	TRANSMITTERS	132	7/14/2025	rtriegaardt



CLIENT DWG NO. 3944-VD-0171-DYP-RE-400-DIA-0002
 EQUIPMENT NO. Various
 EQUIPMENT LOCATION Iran, Onshore
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SUBJECT Table of contents : =44C-80005A+44LCP-8004071/1 - =44C-80005C+PFJBIA-80089/3
 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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 6

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Page	Page description	Supplementary page field	Date	Edited by
=44C-80005C+PFJBIA-80089/4	Terminal diagram =44C-80005C+PFJBIA-80089-X1	133	7/14/2025	rtriegaardt
=44C-80005C+PFJBIA-80089/5	Terminal diagram =44C-80005C+PFJBIA-80089-X1	134	7/14/2025	rtriegaardt
=44C-80005C+PFJBIA-80089/6	Terminal diagram =44C-80005C+PFJBIA-80089-X1	135	7/14/2025	rtriegaardt



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

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SUBJECT	Table of contents : =44C-80005C+PFJBIA-80089/4 - =44C-80005C+PFJBIA-80089/6	
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	7/14/2025	
AIRPACK DWG NO.	23383-05	
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44LCP-4001010

LOCAL PUSHBUTTON STATION

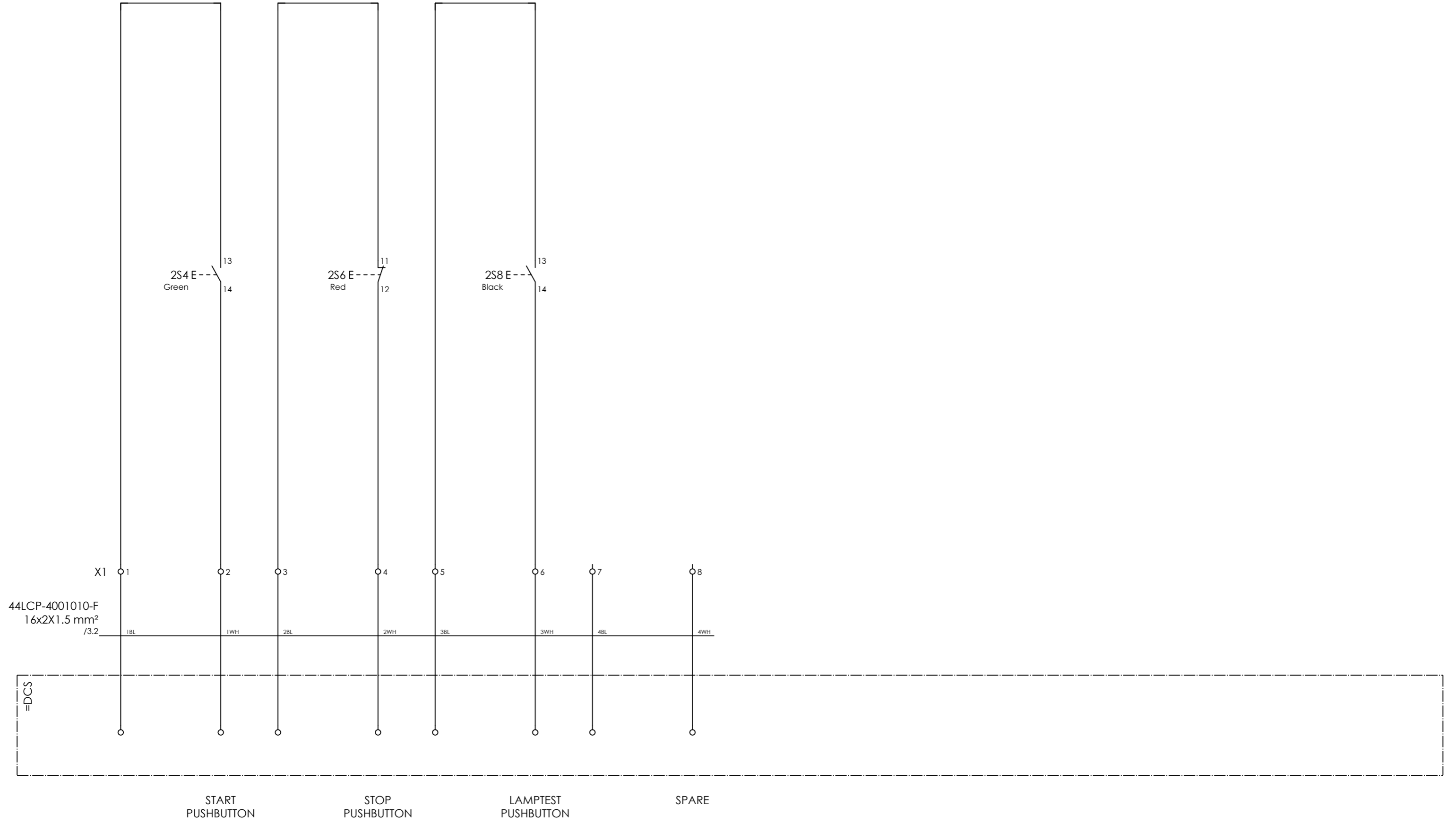
TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS

X9 = CONNECTION ESD PUSHBUTTON



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TERMINAL STRIP DEFINITION	DRAWN BY	RTR	= 44C-40001A
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ 44LCP-4001010
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	02	
				TOTAL PAGE AMOUNT	8	



44LCP-4001010-F
16x2X1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

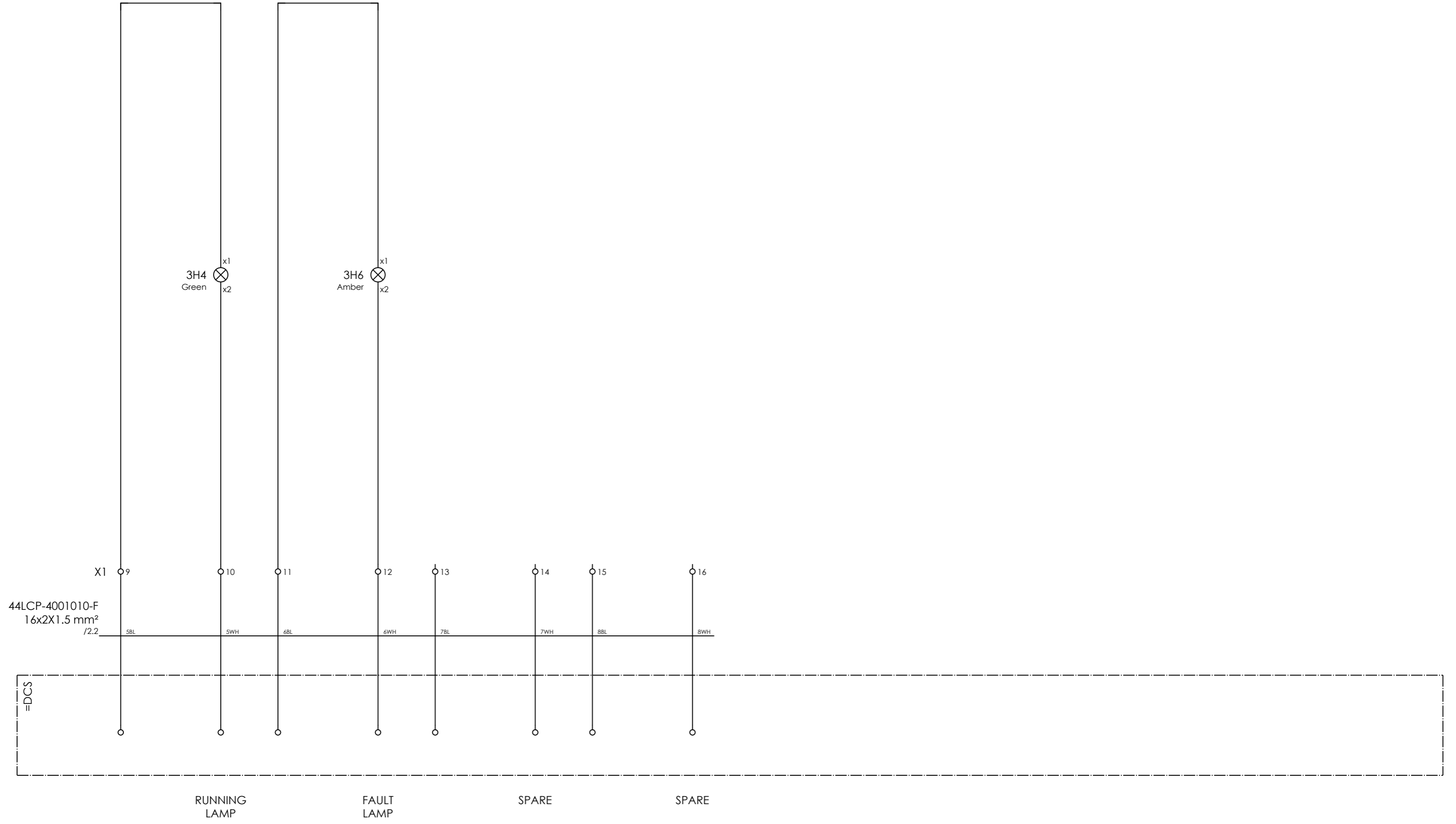
LAMPTEST
PUSHBUTTON

SPARE



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT PUSHBUTTONS	
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

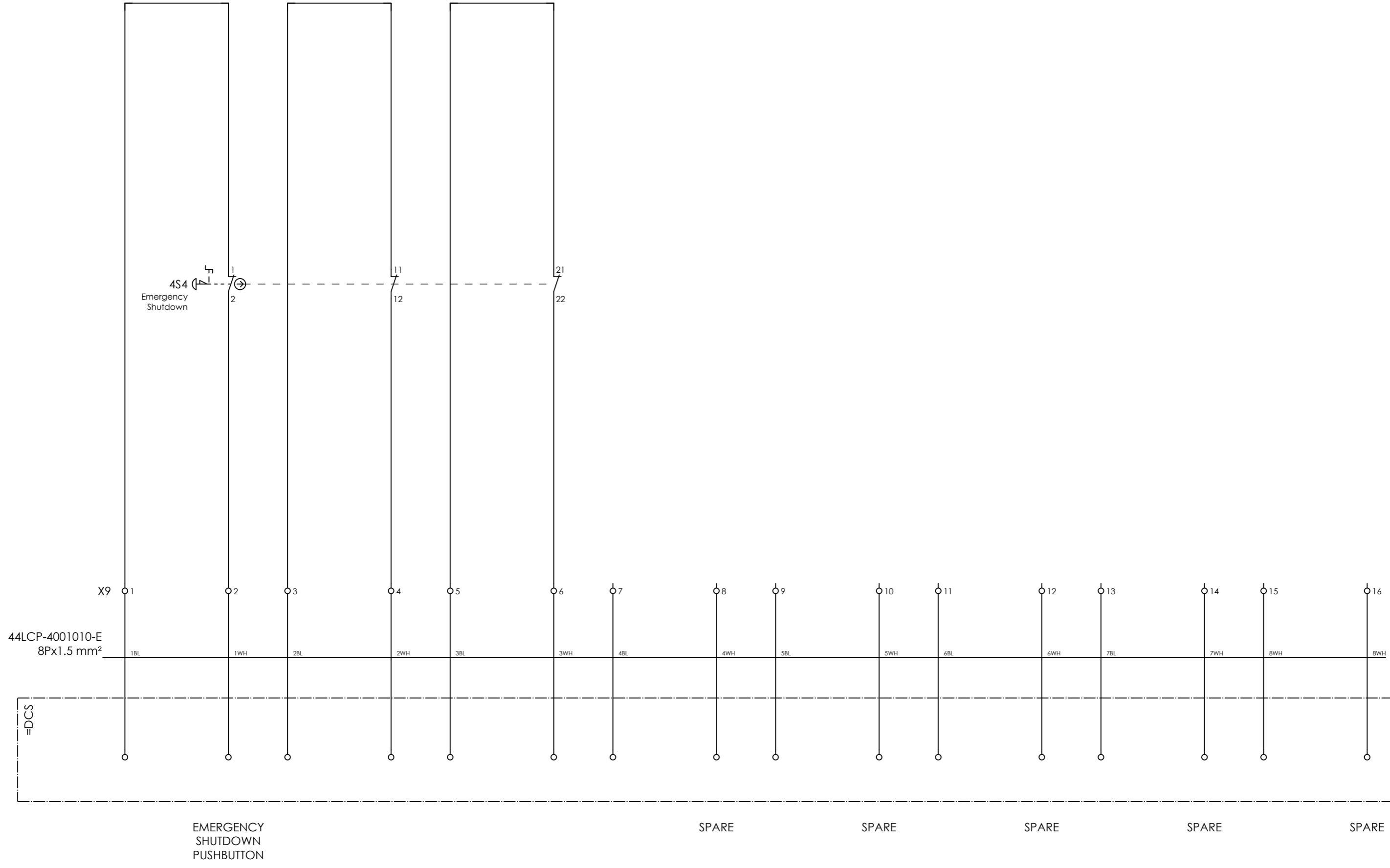
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LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
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CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT LAMPS	
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company
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		AIRPACK REF.	23383-05 Wiring Diagram

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LAST MODIFICATION DATE	7/14/2025
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TOTAL PAGE AMOUNT	10

= 44C-40001A
+ 44LCP-4001010
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CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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SUBJECT ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	11

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

Terminal diagram

Cable name		Strip =44C-40001A+44LCP-4001010-X1 CONNECTION PUSHBUTTONS & LAMPS																Cable name		
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal	Jumper	Target designation	Target designation	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal	
-44LCP-4001010-F	16x2X1.5 mm ²	1BL	13	.	-2S4			1	.				1							
		1WH	14	.	-2S4			2	.				2							
		2BL	11	.	-2S6			3	.				3							
		2WH	12	.	-2S6			4	.				4							
		3BL	13	.	-2S8			5	.				5							
		3WH	14	.	-2S8			6	.				6							
		4BL		.				7	.				7							
		4WH		.				8	.				8							
		5BL	x1	.	-3H4			9	.				9							
		5WH	x2	.	-3H4			10	.				10							
		6BL	x1	.	-3H6			11	.				11							
		6WH	x2	.	-3H6			12	.				12							
		7BL		.				13	.				13							
		7WH		.				14	.				14							
		8BL		.				15	.				15							
		8WH		.				16	.				16							



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


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 AIRPACK DWG NO. 23383-05
 REVISION 02
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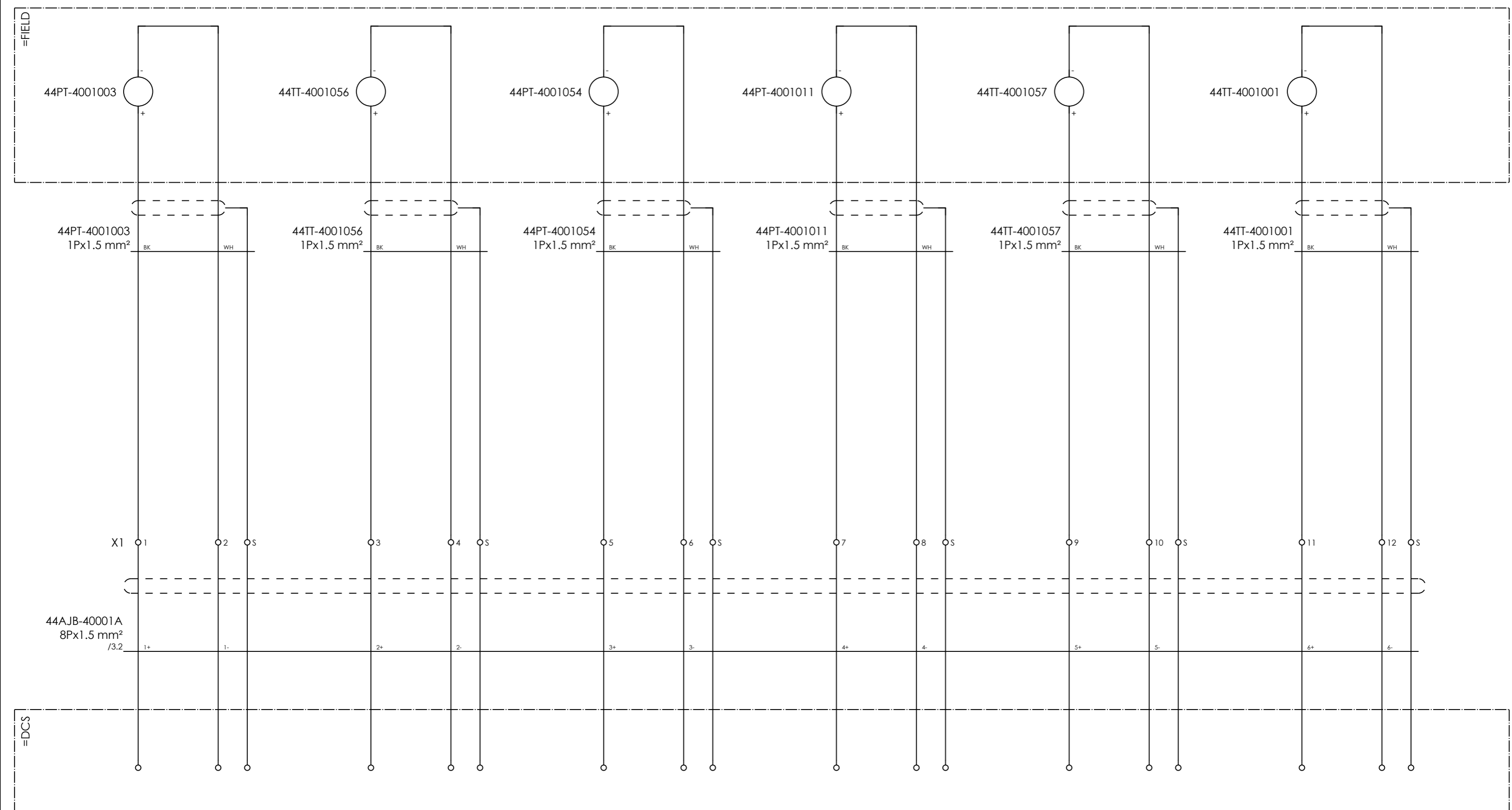
= 44C-40001A
 + 44LCP-4001010
 CURRENT PAGE

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	7/14/2025	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	02	
AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	14				

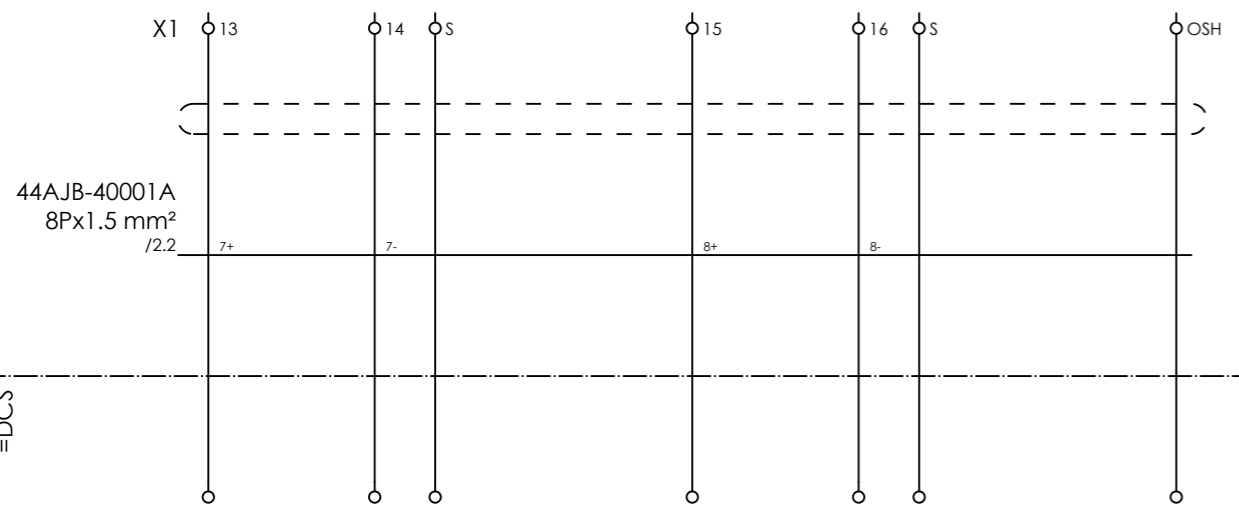


INLET PRESSURE TRANSMITTER OIL TEMPERATURE TRANSMITTER OIL PRESSURE TRANSMITTER DISCHARGE PRESSURE TRANSMITTER DISCHARGE TEMPERATURE TRANSMITTER ENCLOSURE TEMPERATURE TRANSMITTER



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	TRANSMITTERS	DRAWN BY	RTR	= 44C-40001A
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ PFJBA-40060I
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	7/14/2025	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	02	
				TOTAL PAGE AMOUNT	15	

=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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	16

= 44C-40001A
+ PFJBIA-40060i
CURRENT PAGE

Terminal diagram

Cable name	Strip =44C-40001A+PFJBIA-40060i-X1 CONNECTION TRANSMITTERS										
	Terminal	Connection point	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	
	-44PT-4001003	1Px1.5 mm ²	BK	WH							
	-44TT-4001056	1Px1.5 mm ²			BK	WH					
	-44PT-4001054	1Px1.5 mm ²					BK	WH			
	-44PT-4001011	1Px1.5 mm ²							BK	WH	
-44TT-4001057	1Px1.5 mm ²									BK	WH



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+PFJBIA-40060i-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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 17

= 44C-40001A
 + PFJBIA-40060i
 CURRENT PAGE

Terminal diagram

Cable name						Connection point		Target designation		Jumper		Terminal		Connection point		Target designation								
-44TT-4001001						1Px1.5 mm²	BK	WH																
-44PT-4001003						1Px1.5 mm²						S												
-44TT-4001057						1Px1.5 mm²							S											
-44PT-4001011						1Px1.5 mm²								S										
-44PT-4001054						1Px1.5 mm²									S									
<p style="text-align: center;">Strip =44C-40001A+PFJBIA-40060i-X1 CONNECTION TRANSMITTERS</p>						Connection point		+	-															
						Target designation		=FIELD-44TT-4001001	=FIELD-44TT-4001001															
						Jumper		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						Terminal		11	12	13	14	15	16	OSH	S	S	S	S	S	S	S	S	S	
						Connection point																		
						Target designation																		
						Cable name																		
						-44AJB-40001A						8Px1.5 mm²	6+	6-	7+	7-	8+	8-	S	S	S	S	S	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-40001A+PFJBIA-40060i-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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 18

= 44C-40001A
 + PFJBIA-40060i
 CURRENT PAGE

Terminal diagram

Cable name	-44TT-4001056																		
	1Px1.5 mm²	5																	
Strip =44C-40001A+PFJBIA-40060i-X1 CONNECTION TRANSMITTERS	Connection point																		
	Target designation																		
	Jumper	.																	
	Terminal	5																	
	Connection point																		
	Target designation																		
Cable name	-44AJB-40001A																		
	8Px1.5 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-40001A+PFJBIA-40060i-X1	
ADAPTED TO P&ID REVISION	05		
CLIENT	Arya Sasol Polymer Company		
CLIENT REF.	ASPC Project		
AIRPACK REF.	23383-05 Wiring Diagram		

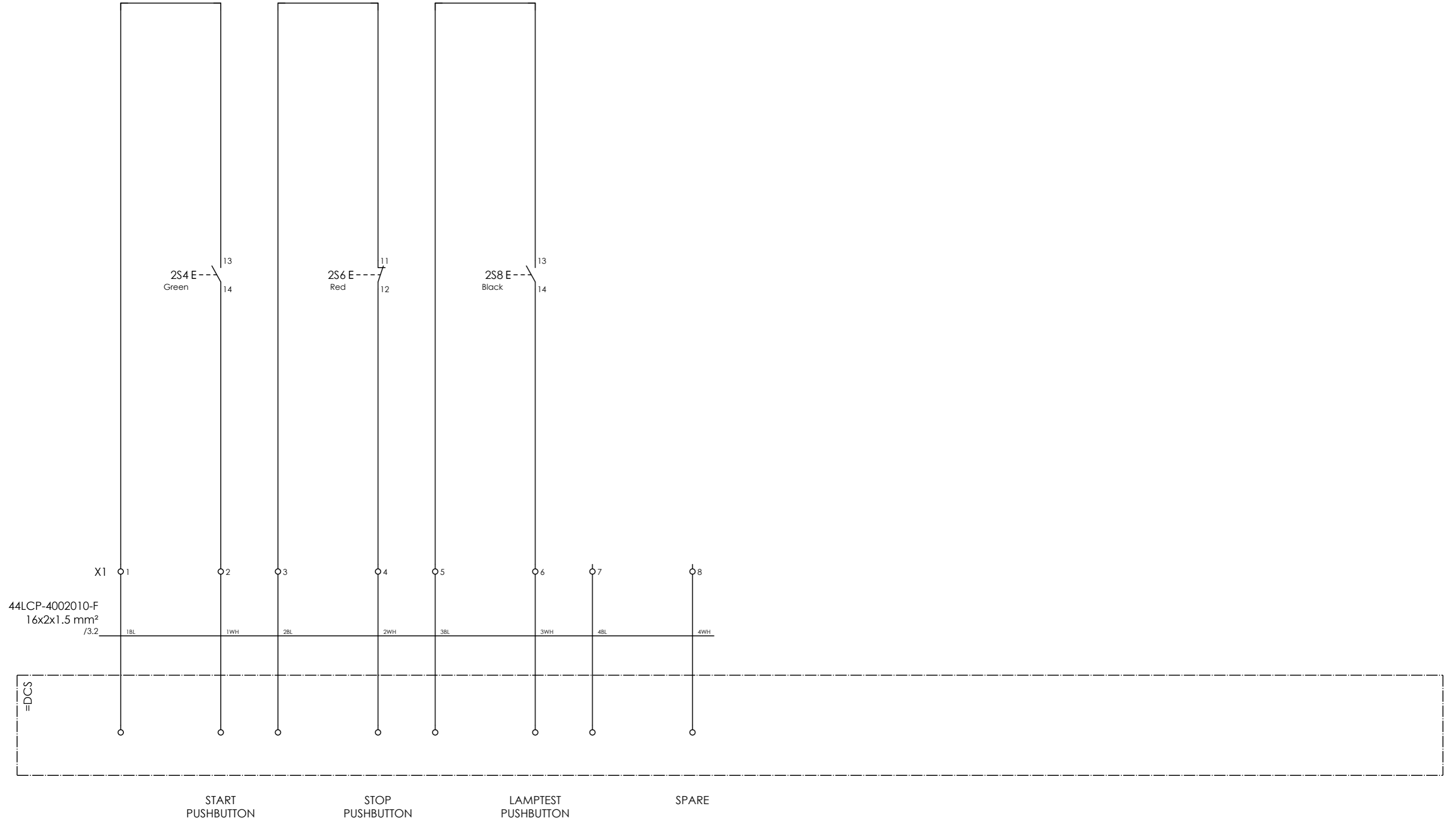
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CHECKED BY	RBE	+ PFJBIA-40060i
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	19	

44LCP-4002010 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON

	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	+ 44LCP-4002010	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	20		



44LCP-4002010-F
16x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

LAMPTEST
PUSHBUTTON

SPARE



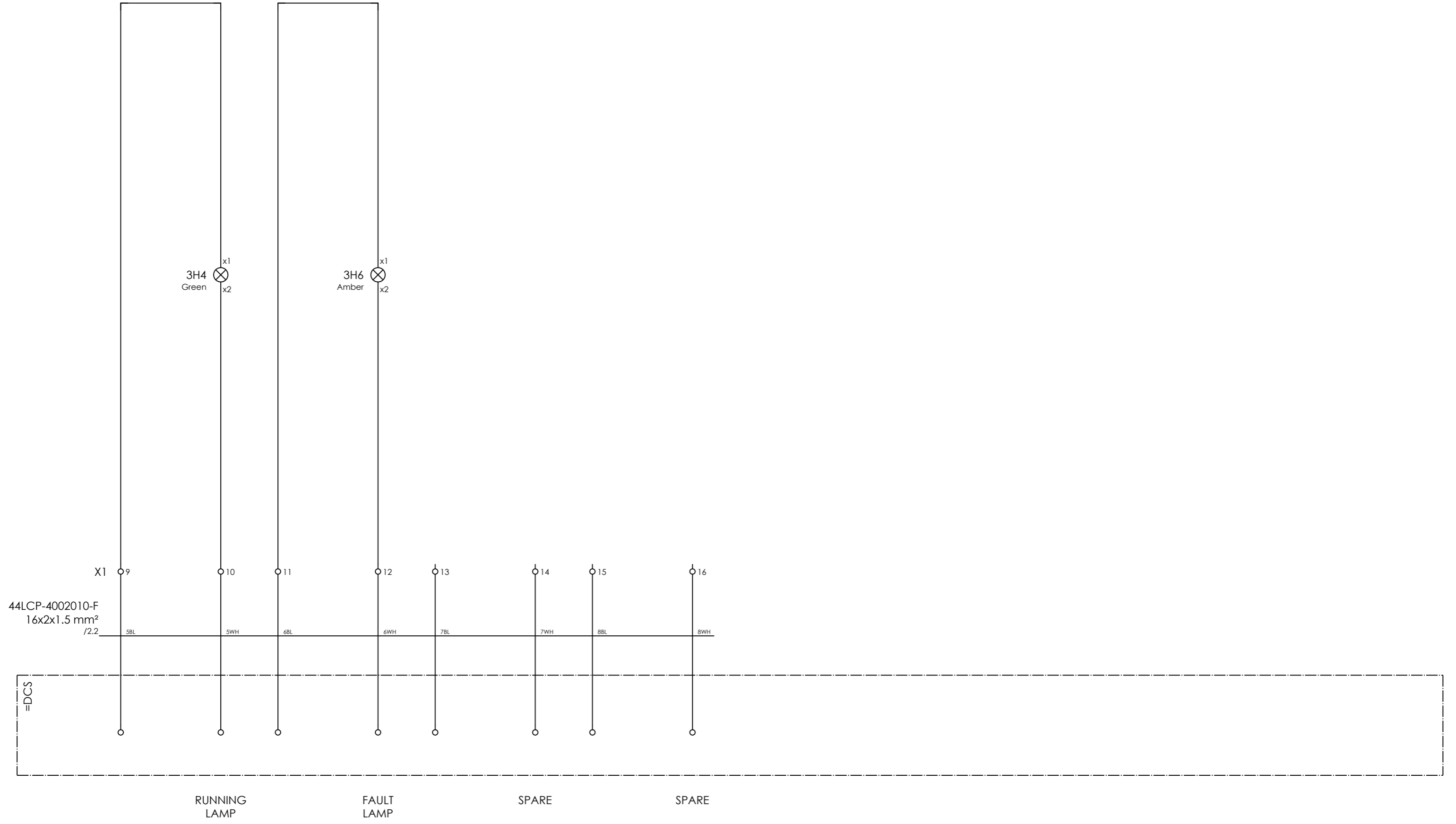
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EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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
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LAST MODIFICATION DATE	7/14/2025
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REVISION	02
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+ 44LCP-4002010
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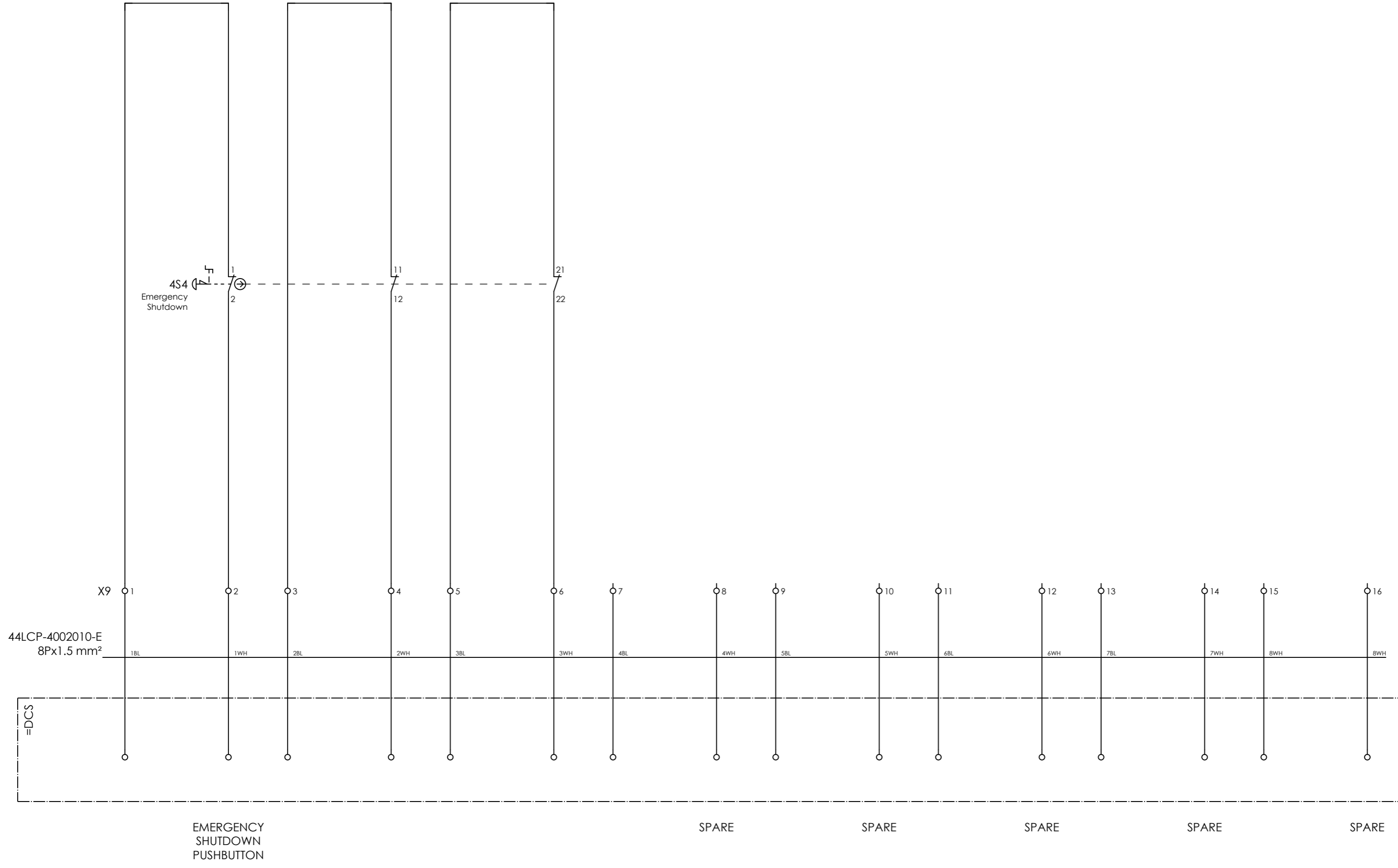


44LCP-4002010-F
16x2x1.5 mm²
/2.2



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-40001B
CHECKED BY	RBE	+ 44LCP-4002010
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	22	



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-4001B
EQUIPMENT NO.	Various	ESD		CHECKED BY	RBE	+ 44LCP-4002010
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project	REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	23	

Terminal diagram

Cable name		Strip =44C-40001B+44LCP-4002010-X9 CONNECTION ESD PUSHBUTTON								Cable name	
		Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper		
-44LCP-4002010-E	8Px1.5 mm ²	1BL		1	.	-4S4	1				
		1WH		2	.	-4S4	2				
		2BL		3	.	-4S4	11				
		2WH		4	.	-4S4	12				
		3BL		5	.	-4S4	21				
		3WH		6	.	-4S4	22				
		4BL		7	.						
		4WH		8	.						
		5BL		9	.						
		5WH		10	.						
		6BL		11	.						
		6WH		12	.						
		7BL		13	.						
		7WH		14	.						
		8WH		15	.						
		8WH		16	.						



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-X9	
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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CHECKED BY	RBE	+ 44LCP-4002010
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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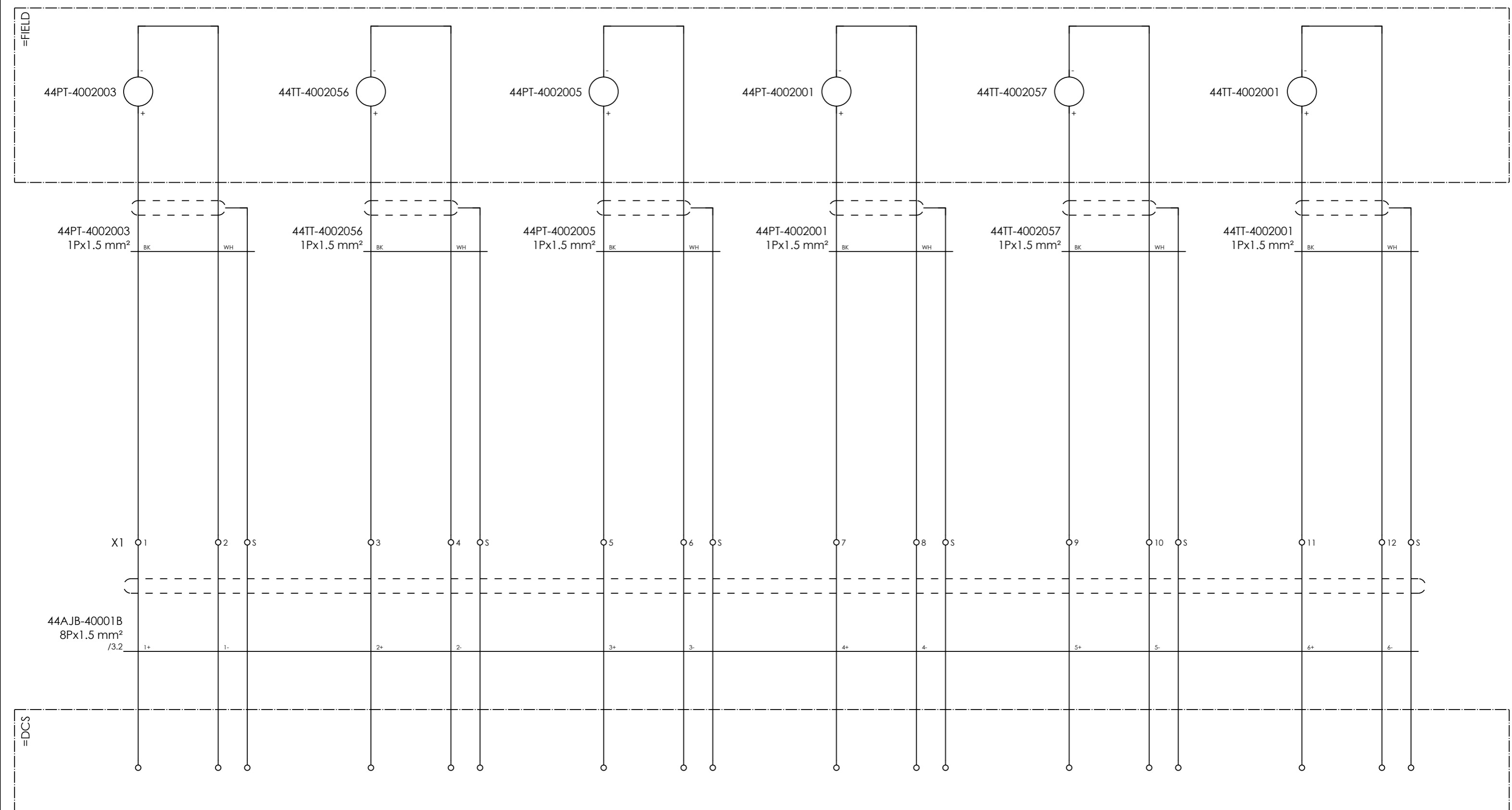
PFJBIA-40061i ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION


X1 = CONNECTION TRANSMITTERS



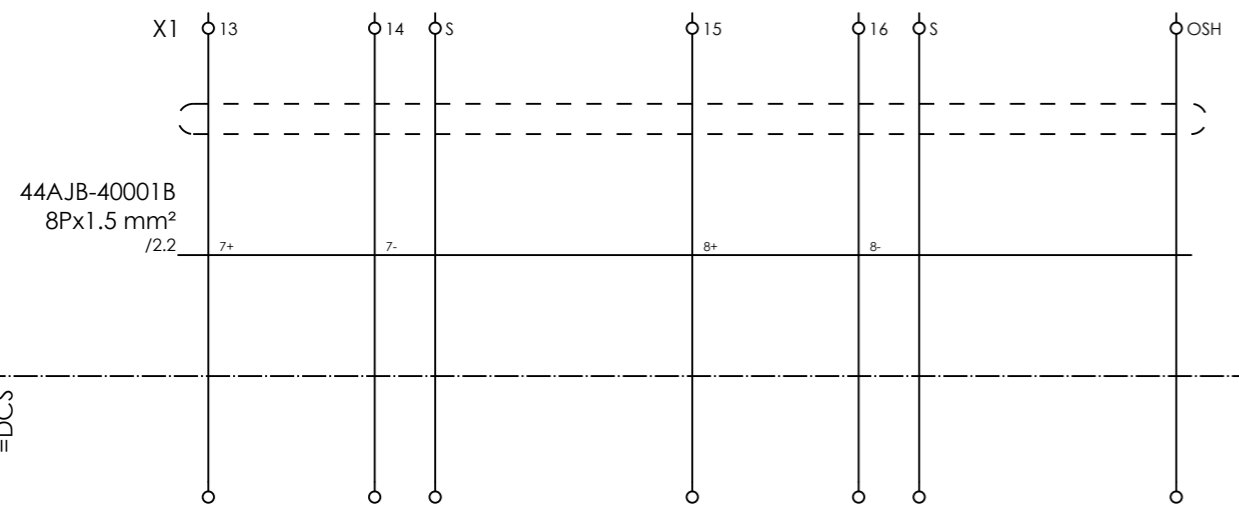
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EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-40061i
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!		CLIENT	Arya Sasol Polymer Company	AIRPACK DWG NO.	23383-05	
		CLIENT REF.	ASPC Project	REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	26	



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-40001B	
	EQUIPMENT NO.	Various	TRANSMITTERS		CHECKED BY	RBE	+ PFJBA-40061i	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	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	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	27		

=FIELD



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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	28

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

Terminal diagram

Cable name	Strip =44C-40001B+PFJBIA-40061i-X1 CONNECTION TRANSMITTERS																					
	Cable name		Terminal	Jumper	Target designation	Connection point	Terminal		Jumper	Target designation	Connection point	Cable name		Terminal		Jumper	Target designation	Connection point	Cable name		Terminal	
	-44PT-4002003	1Px1.5 mm²																				
-44TT-4002056	1Px1.5 mm²																					
-44PT-4002005	1Px1.5 mm²																					
-44PT-4002001	1Px1.5 mm²																					
-44TT-4002057	1Px1.5 mm²																					
			1	.	=FIELD-44PT-4002003	+	1															
			2	.	=FIELD-44PT-4002003	-	2															
			3	.	=FIELD-44TT-4002056	+	3															
			4	.	=FIELD-44TT-4002056	-	4															
			5	.	=FIELD-44PT-4002005	+	5															
			6	.	=FIELD-44PT-4002005	-	6															
			7	.	=FIELD-44PT-4002001	+	7															
			8	.	=FIELD-44PT-4002001	-	8															
			9	.	=FIELD-44TT-4002057	+	9															
			10	.	=FIELD-44TT-4002057	-	10															
-44AJB-40001B	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-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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	29

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

Cable name		Cable name														Cable name													
-44TT-4002001		-44TT-4002001														-44TT-4002001													
-44PT-4002003		-44PT-4002003														-44PT-4002003													
-44TT-4002057		-44TT-4002057														-44TT-4002057													
-44PT-4002001		-44PT-4002001														-44PT-4002001													
-44PT-4002005		-44PT-4002005														-44PT-4002005													
Connection point		+														-													
Target designation		=FIELD-44TT-4002001														=FIELD-44TT-4002001													
Jumper		.														.													
Terminal		11														12													
Connection point																													
Target designation																													
-44AJB-40001B		8Px1.5 mm²														8Px1.5 mm²													

Strip
=44C-40001B+PFJBIA-40061i-X1
CONNECTION TRANSMITTERS



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

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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	30

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

Terminal diagram

Cable name	-44TT-4002056		1Px1.5 mm²		S																					
<p style="text-align: center;">Strip =44C-40001B+PFJBIA-40061i-X1 CONNECTION TRANSMITTERS</p>	Connection point																									
	Target designation																									
	Jumper				.																					
	Terminal				S																					
	Connection point																									
	Target designation																									
Cable name																										
-44AJB-40001B		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
 CHECKED BY RBE
 LAST MODIFICATION DATE 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 31


= 44C-40001B
 + PFJBIA-40061i
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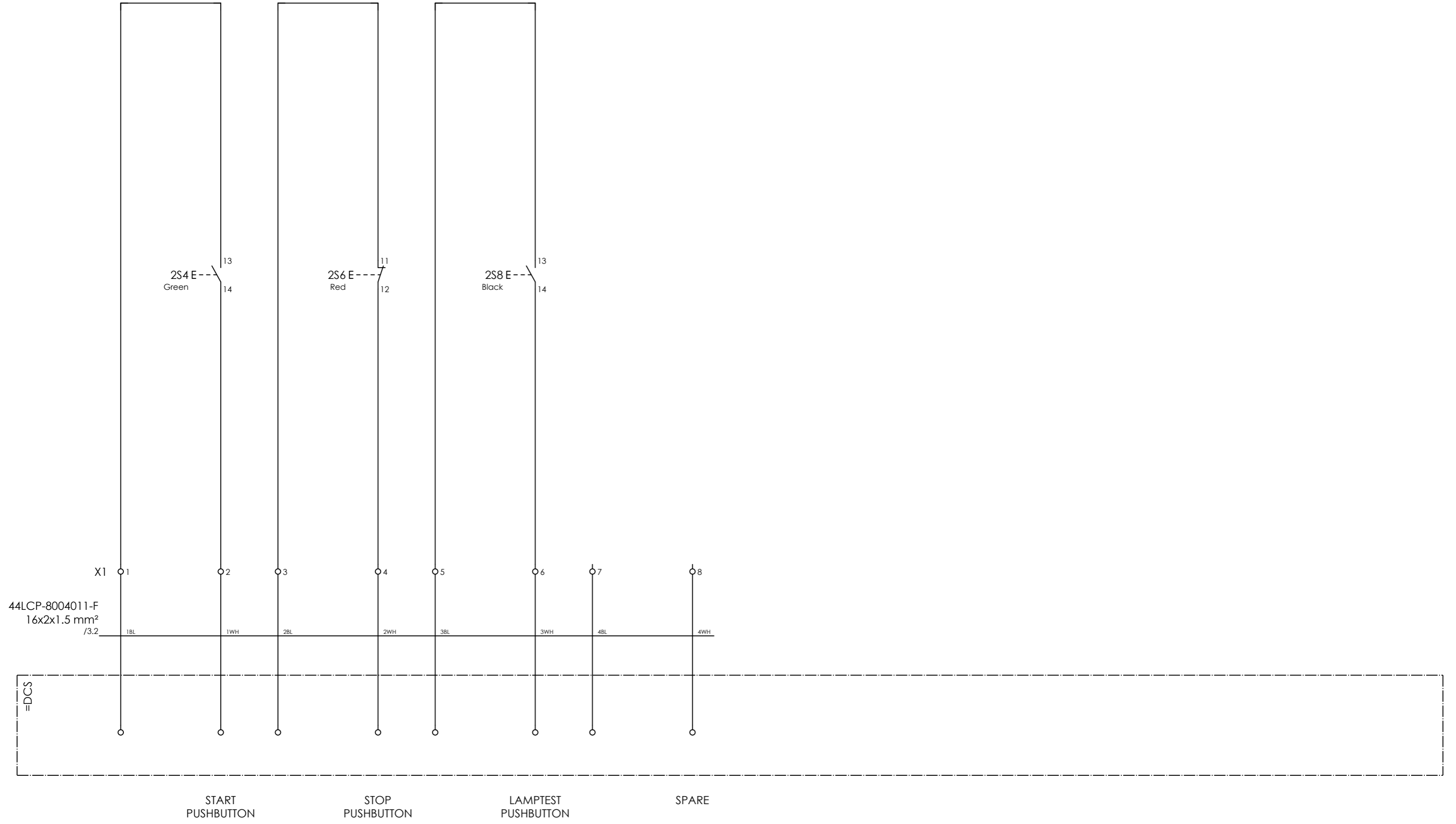
44LCP-800401 1

LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON

	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	+ 44LCP-8004011	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	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	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	32		



44LCP-8004011-F
16x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

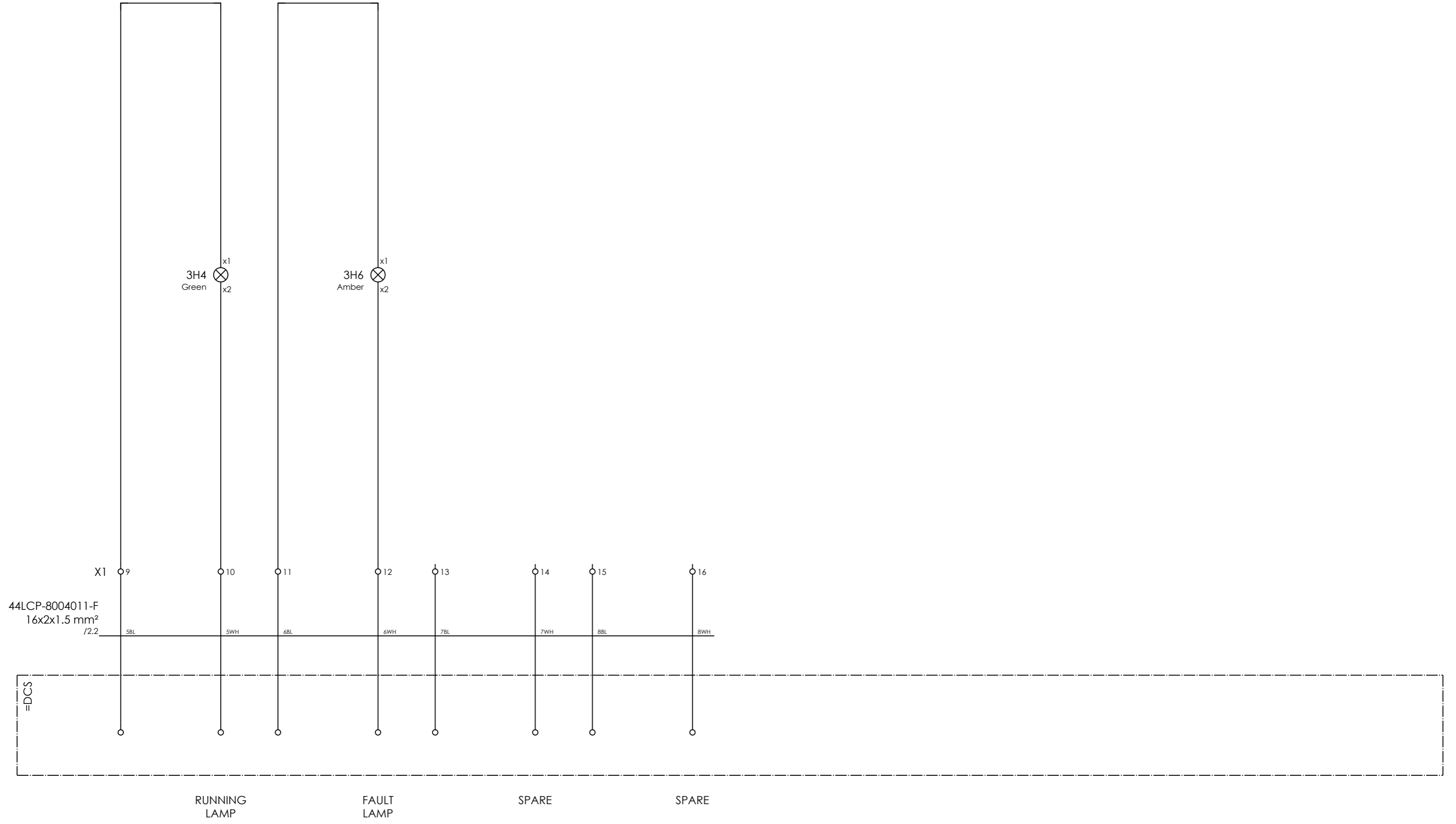
LAMPTEST
PUSHBUTTON

SPARE



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

DRAWN BY	RTR	= 44C-80001A
CHECKED BY	RBE	+ 44LCP-8004011
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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REVISION	02	
TOTAL PAGE AMOUNT	33	



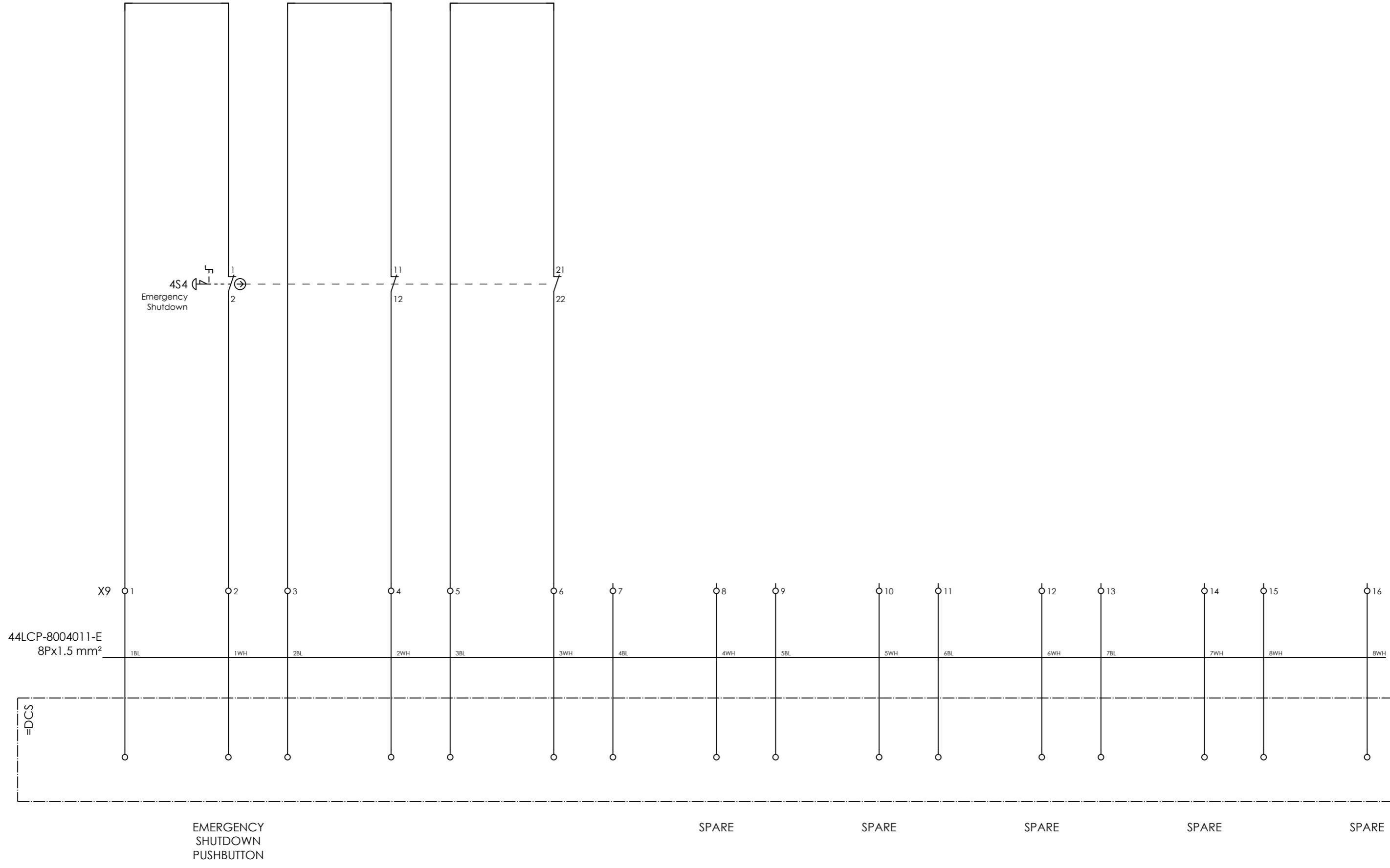
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EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	34

= 44C-80001A
+ 44LCP-8004011
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 ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	35

= 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	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	1	13	1BL		2	-2S4	2	14	1WH		3	-2S6	3	11	2BL		4	-2S6	4	12	2WH		5	-2S8	5	13	3BL		6	-2S8	6	14	3WH		7		7BL		8		8WH		9	-3H4	9	x1	5BL		10	-3H4	10	x2	5WH		11	-3H6	11	x1	6BL		12	-3H6	12	x2	6WH		13		7BL		14		7WH		15		8BL		16		8WH	



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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 36

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

Terminal diagram

Cable name		Strip =44C-80001A+44LCP-8004011-X9 CONNECTION ESD PUSHBUTTON												Cable name	
Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation
-44LCP-8004011-E	8Px1.5 mm²	1BL		1		.	-4S4	1							
		1WH		2		.	-4S4	2							
		2BL		3		.	-4S4	11							
		2WH		4		.	-4S4	12							
		3BL		5		.	-4S4	21							
		3WH		6		.	-4S4	22							
		4BL		7		.									
		4WH		8		.									
		5BL		9		.									
		5WH		10		.									
		6BL		11		.									
		6WH		12		.									
		7BL		13		.									
		7WH		14		.									
		8WH		15		.									
		8WH		16		.									



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-X9
 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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 CHECKED BY RBE
 LAST MODIFICATION DATE 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 37

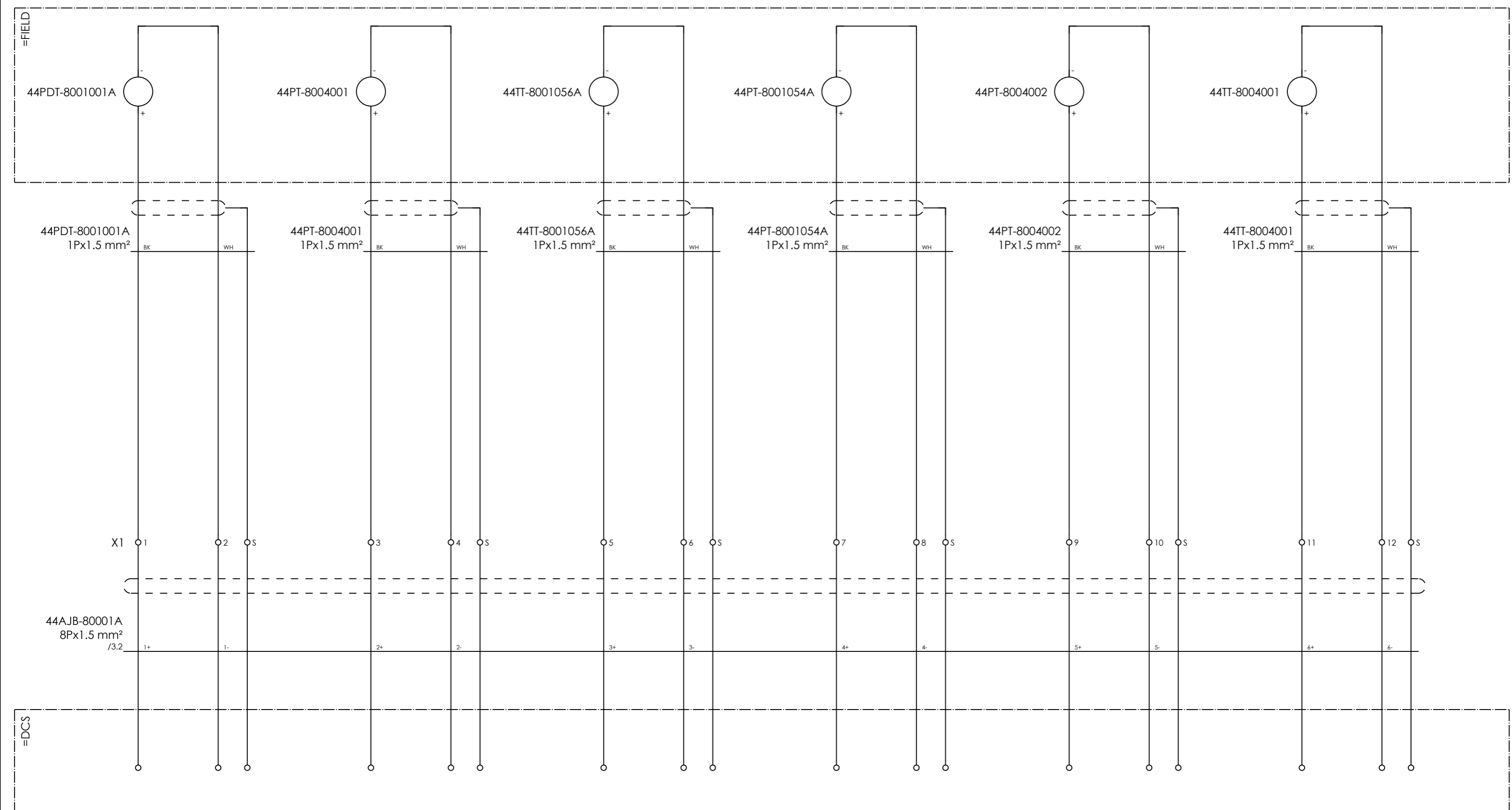
= 44C-80001A
 + 44LCP-8004011
 CURRENT PAGE

PFJBIA-80081 ANALOG JUNCTION BOX


TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS

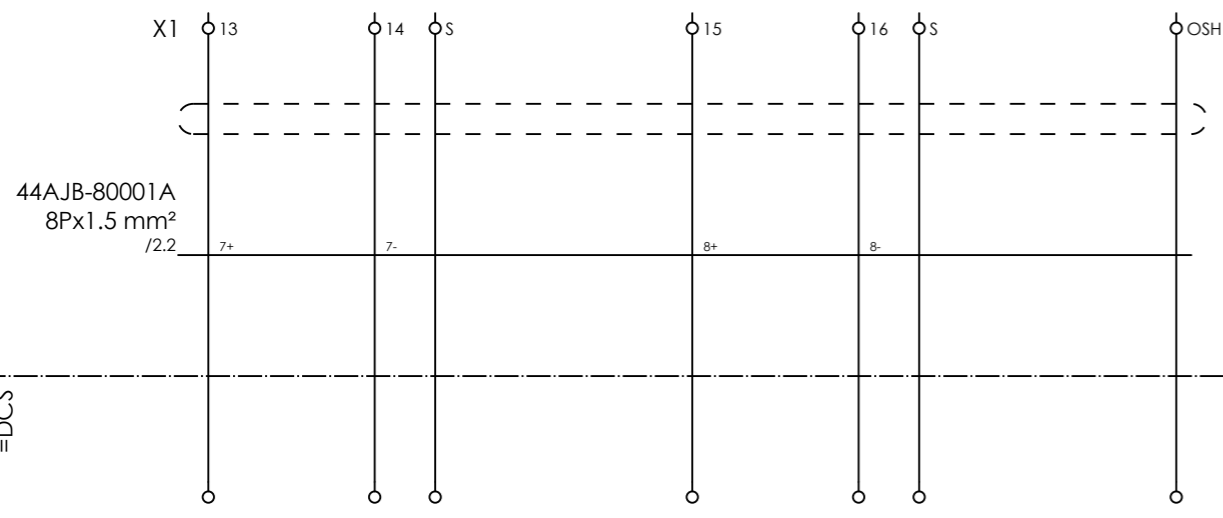
	CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80001A	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80081	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, 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	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	38		



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-80001A	
	EQUIPMENT NO.	Various	TRANSMITTERS		CHECKED BY	RBE	+ PFJBIA-80081	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	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	02			
AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	39				

=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	7/14/2025

AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	40

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

Terminal diagram

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



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	Terminal diagram =44C-80001A+PFJBIA-80081-X1	DRAWN BY	RTR	= 44C-80001A
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ PFJBIA-80081
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	7/14/2025	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	02	
				TOTAL PAGE AMOUNT	41	

Terminal diagram

Cable name		Cable name																							
-44TT-8004001	1Px1.5 mm²	BK	WH																						
-44PDT-8001001A	1Px1.5 mm²			S																					
-44PT-8004002	1Px1.5 mm²				S																				
-44PT-8001054A	1Px1.5 mm²					S																			
-44TT-8001056A	1Px1.5 mm²						S																		
Connection point		+	-																						
Target designation		=FIELD-44TT-8004001	=FIELD-44TT-8004001																						
Jumper		.	.																						
Terminal		11	12	13	14	15	16	OSH	S	S	S	S	S	S	S	S									
Connection point																									
Target designation																									
Cable name																									
-44AJB-80001A	8Px1.5 mm²	6+	6-	7+	7-	8+	8-	S	S	S	S	S	S	S	S										

Strip
=44C-80001A+PFJBIA-80081-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-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

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 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 42

= 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	-44AJB-80001A		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

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 LAST MODIFICATION DATE 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 43

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 + PFJBIA-80081
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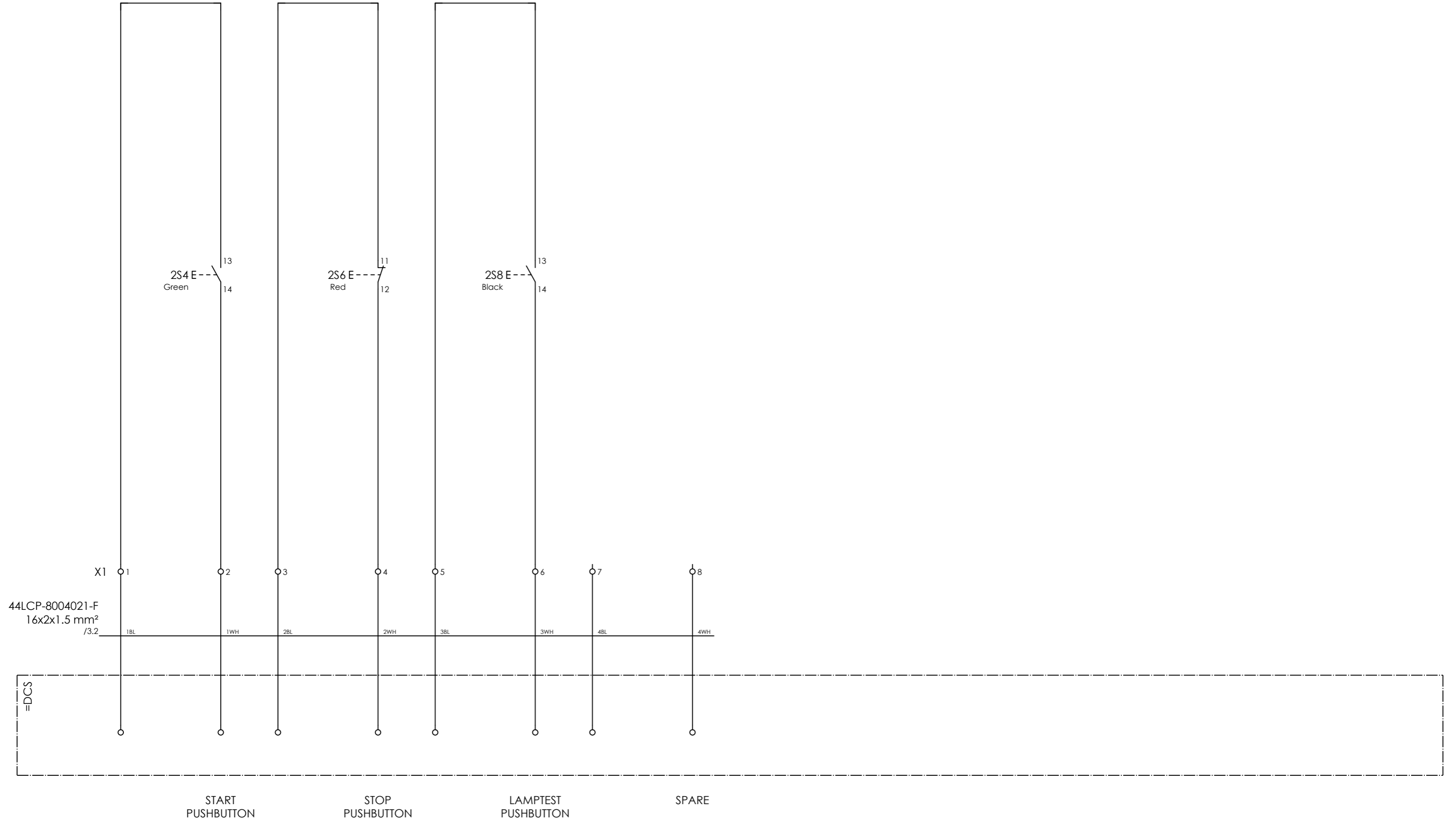
44LCP-8004021 LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON



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	7/14/2025	CURRENT PAGE
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		AIRPACK REF.	23383-05 Wiring Diagram	REVISION	02	
				TOTAL PAGE AMOUNT	44	



44LCP-8004021-F
16x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

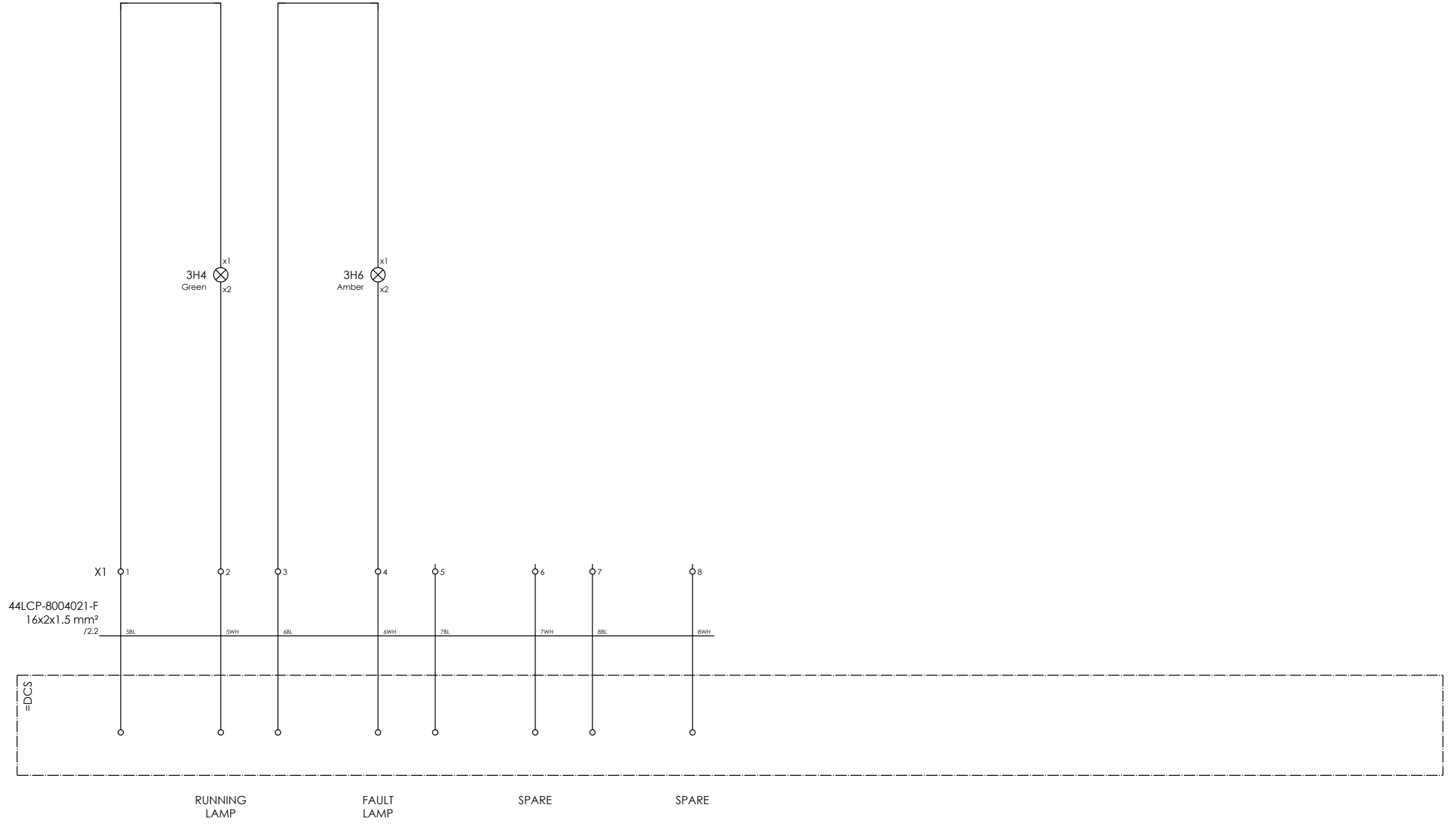
LAMPTEST
PUSHBUTTON

SPARE



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

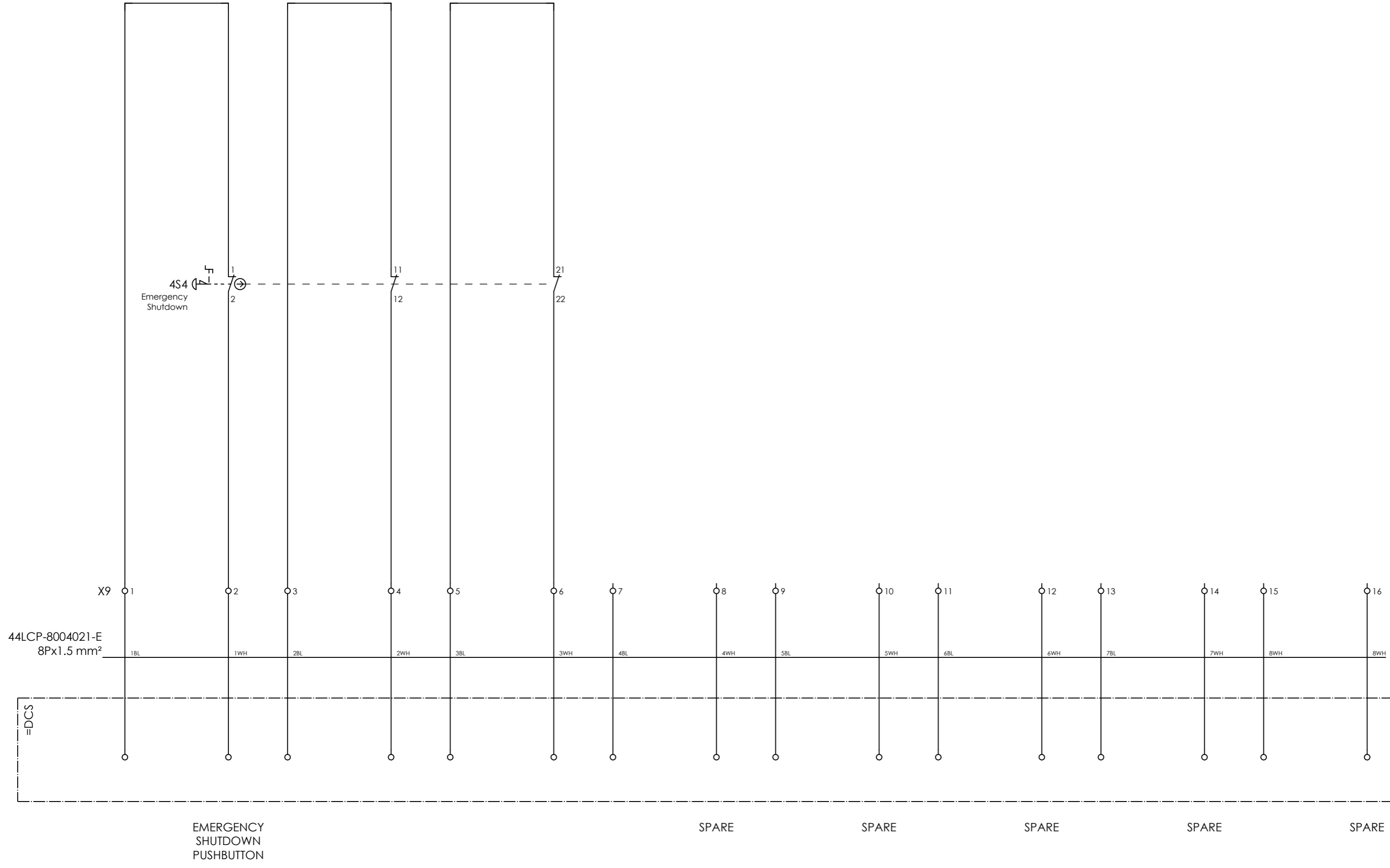
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CHECKED BY	RBE	+ 44LCP-8004021
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	45	



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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	46

= 44C-80001B
+ 44LCP-8004021
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 ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	47

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

Terminal diagram

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



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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 48

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

Terminal diagram

Cable name		Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name	
											Terminal	Jumper	Target designation	Connection point	Cable name
Strip =44C-80001B+44LCP-8004021-X9 CONNECTION ESD PUSHBUTTON		1	.	-4S4	1	1	.		1		
		2	.	-4S4	2	2			2		
		3	.	-4S4	11					11	
		4	.	-4S4	12					12	
		5	.	-4S4	21					21	
		6	.	-4S4	22					22	
		7	.								
		8	.								
		9	.								
		10	.								
		11	.								
		12	.								
		13	.								
		14	.								
		15	.								
		16	.								
-44LCP-8004021-E	8Px1.5 mm ²	1BL									
		1WH									
		2BL									
		2WH									
		3BL									
		3WH									
		4BL									
		4WH									
		5BL									
		5WH									
		6BL									
		6WH									
		7BL									
		7WH									
		8WH									
		8WH									



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	Terminal diagram =44C-80001B+44LCP-8004021-X9	
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	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	49	

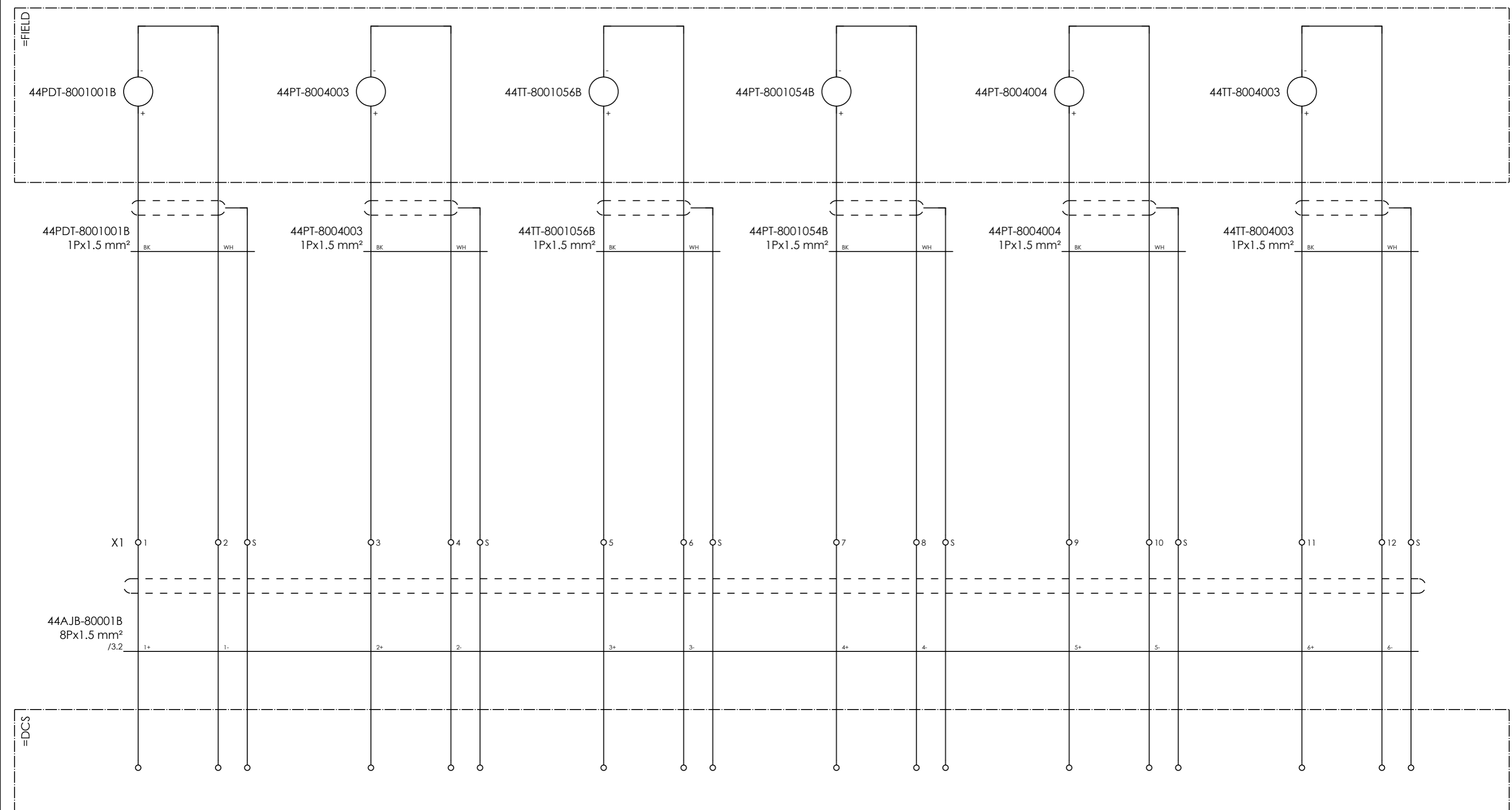
PFJBIA-80082

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	7/14/2025	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	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	50		



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

OIL
TEMPERATURE
TRANSMITTER

OIL
PRESSURE
TRANSMITTER

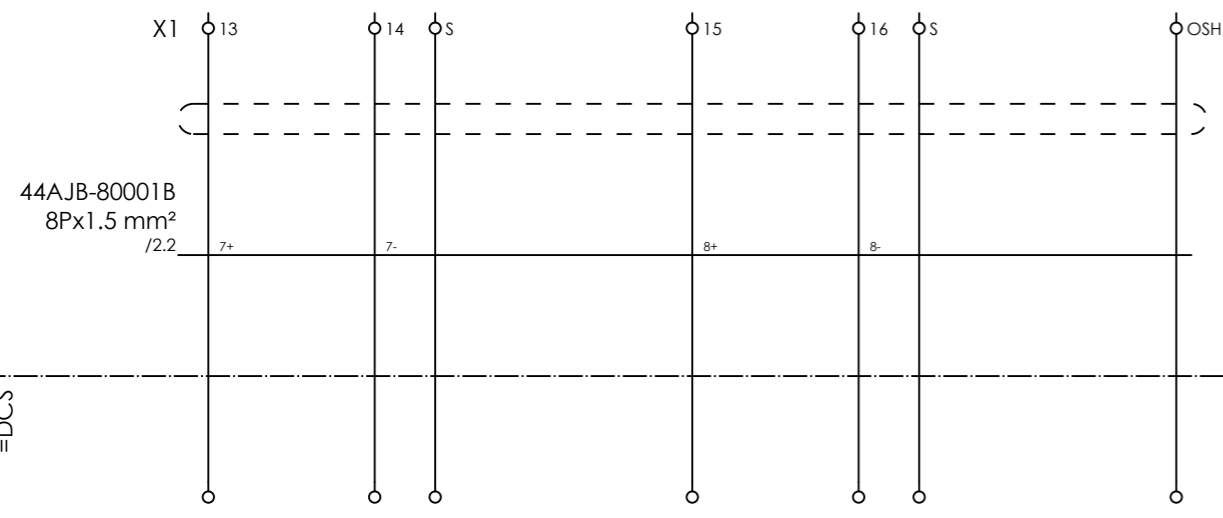
DISCHARGE
PRESSURE
TRANSMITTER

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	+ PFJBA-80082
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	7/14/2025	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	02	
				TOTAL PAGE AMOUNT	51	

=FIELD



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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	52

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

Terminal diagram

Cable name	Strip =44C-80001B+PFJBIA-80082-X1 CONNECTION TRANSMITTERS																				
	Connection point	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal					
-44TT-8004003	1Px1.5 mm²	BK	WH																		
-44PDT-8001001B	1Px1.5 mm²												S								
-44PT-8004004	1Px1.5 mm²															S					
-44PT-8001054B	1Px1.5 mm²														S						
-44TT-8001056B	1Px1.5 mm²															S					
Cable name	Target designation	Connection point	Terminal	Jumper	Target designation																
-44AJB-80001B	8Px1.5 mm²	6+	6-	7+	7-	8+	8-	S	S	S	S	S	S	S	S	S	S	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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 54

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

44LCP-8004031

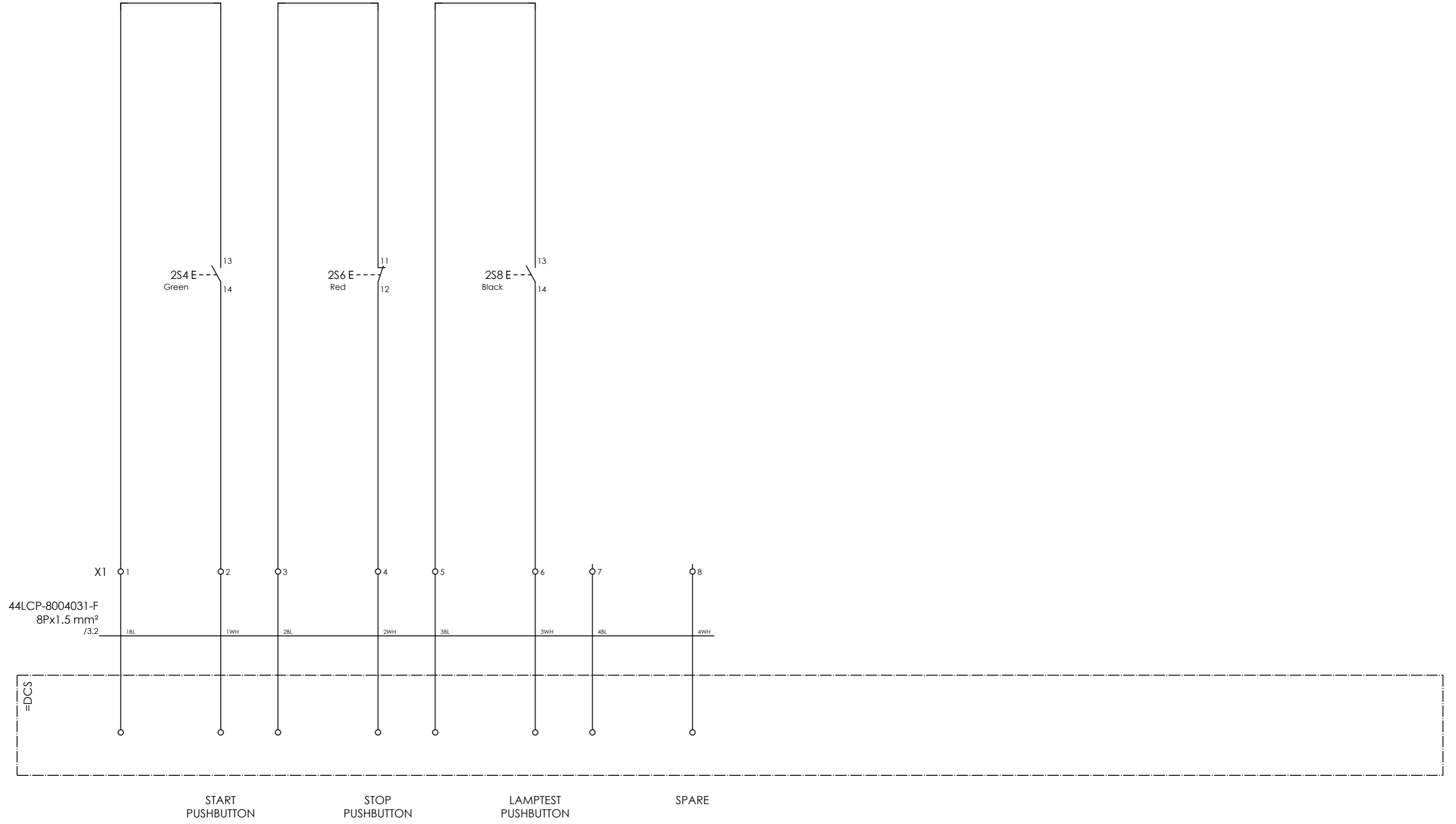
LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON



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	7/14/2025	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	02	
		TOTAL PAGE AMOUNT	56			



44LCP-8004031-F
8Px1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

LAMPTEST
PUSHBUTTON

SPARE



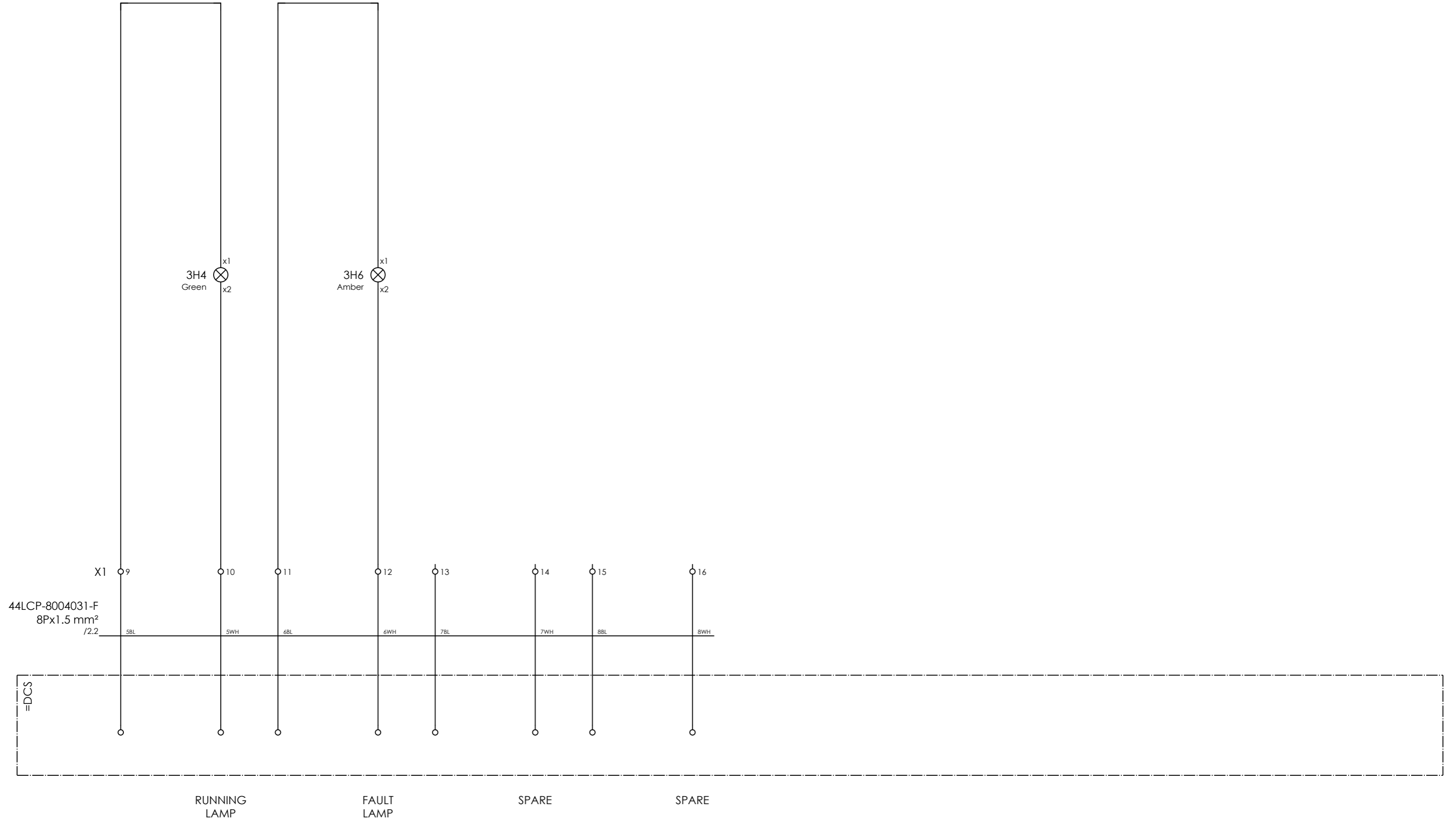
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	57

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



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

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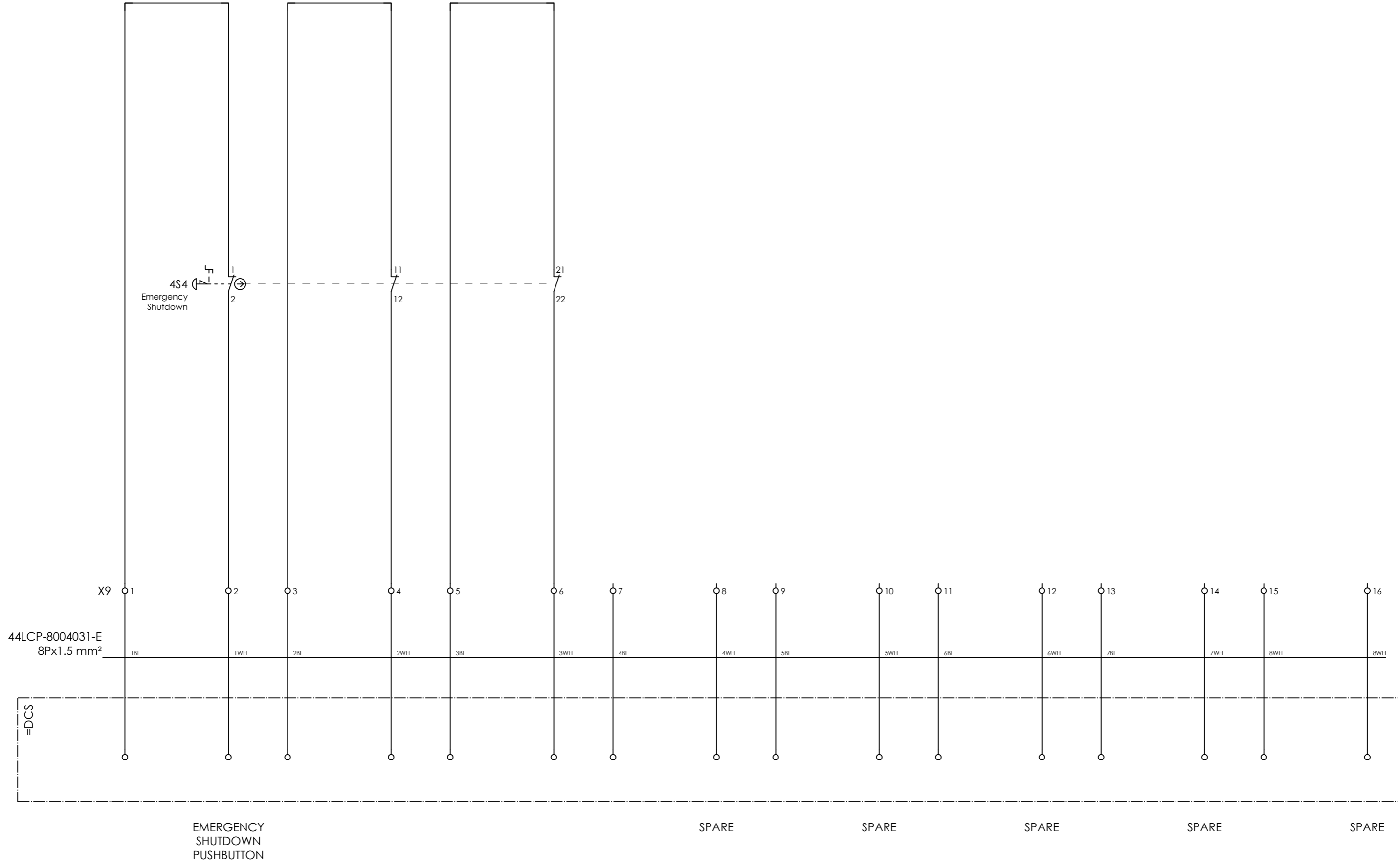
SUBJECT LAMPS	
ADAPTED TO P&ID REVISION	05

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

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	7/14/2025

AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	58

= 44C-80002A
+ 44LCP-8004031
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 ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	59

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

Terminal diagram

Cable name	Strip =44C-80002A+44LCP-8004031-X1 CONNECTION PUSHBUTTONS & LAMPS							Cable name
	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	
-44LCP-8004031-F	8Px1.5 mm ²	1BL	1	·	-2S4	13		
		1WH	2	·	-2S4	14		
		2BL	3	·	-2S6	11		
		2WH	4	·	-2S6	12		
		3BL	5	·	-2S8	13		
		3WH	6	·	-2S8	14		
		4BL	7	·				
		4WH	8	·				
		5BL	9	·	-3H4	x1		
		5WH	10	·	-3H4	x2		
		6BL	11	·	-3H6	x1		
		6WH	12	·	-3H6	x2		
		7BL	13	·				
		7WH	14	·				
		8BL	15	·				
		8WH	16	·				



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

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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	60

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

PFJBIA-80083 ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS



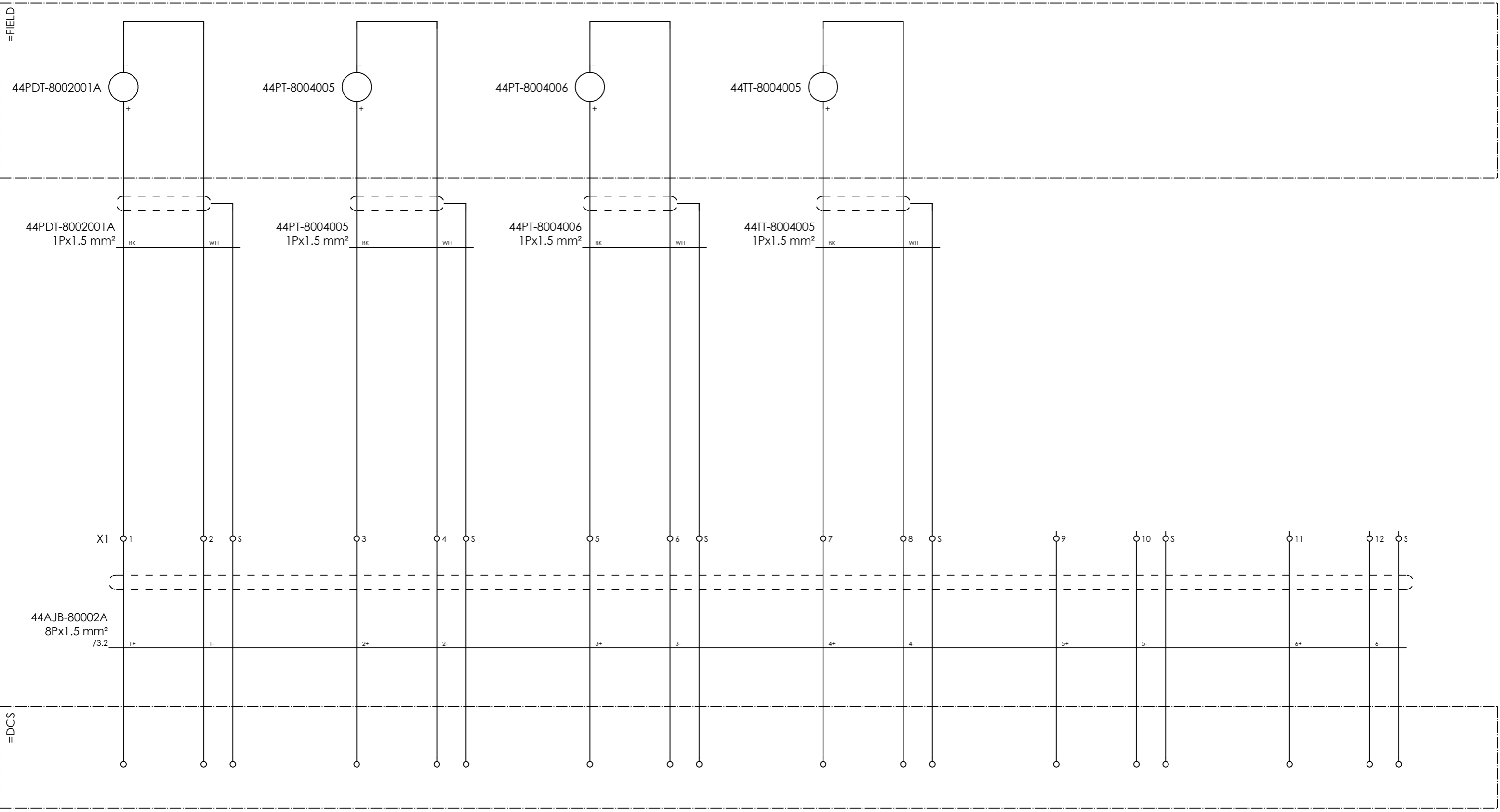
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	62

= 44C-80002A
+ PFJBIA-80083
CURRENT PAGE



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER

SPARE

SPARE



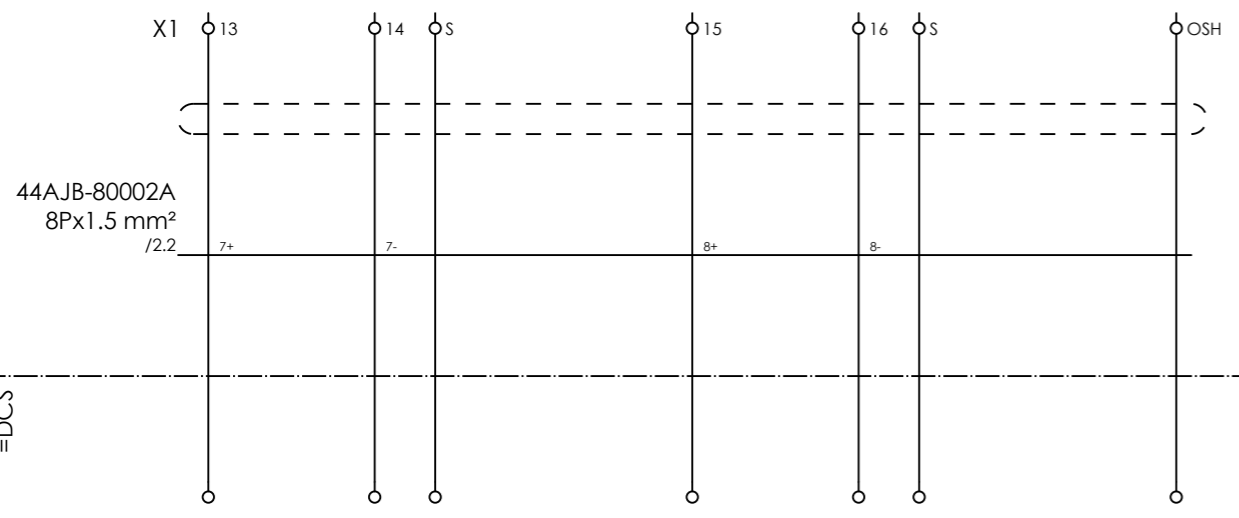
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	63	

=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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	64


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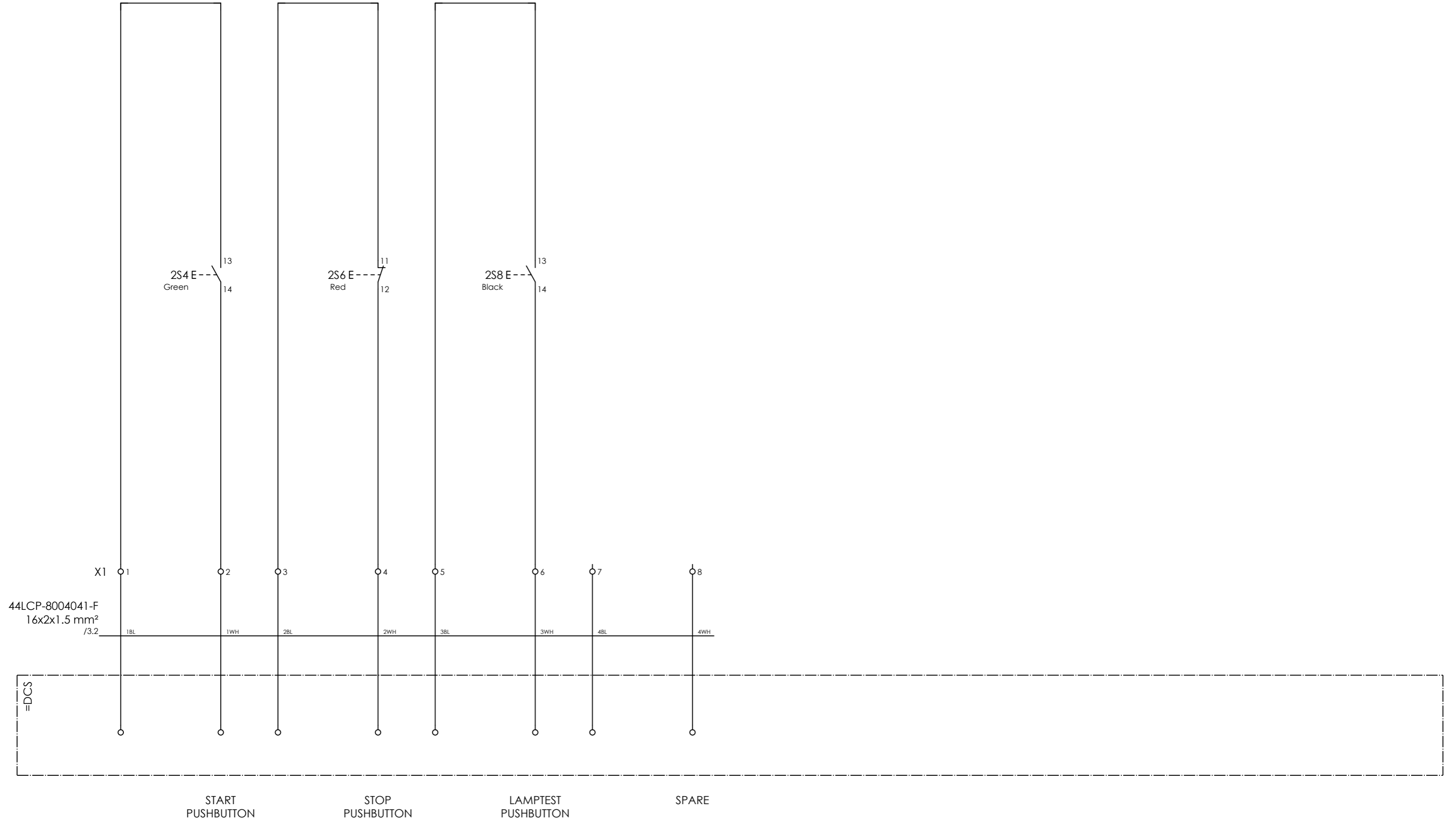
44LCP-8004041

LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON

	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	7/14/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	66		

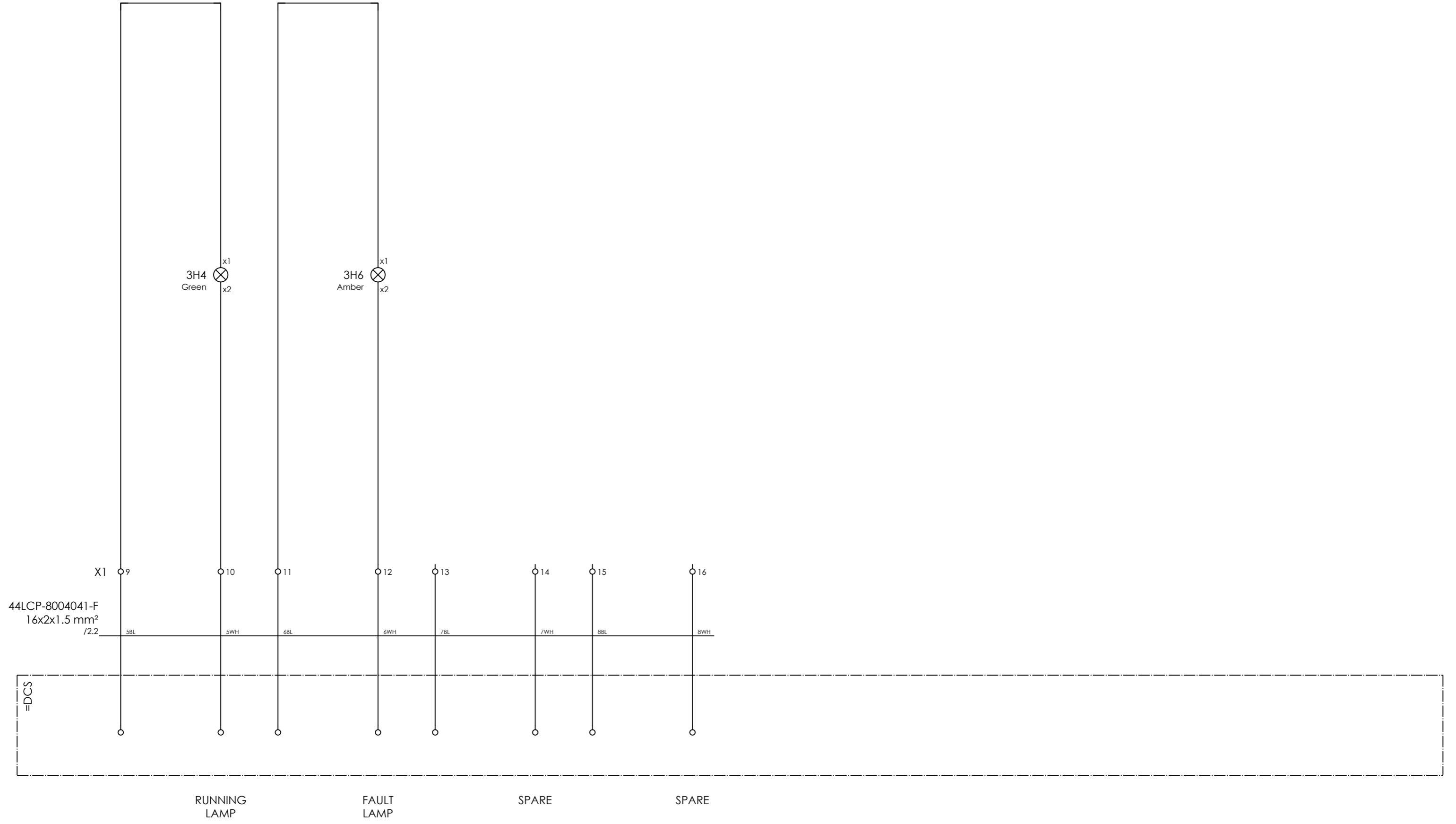


44LCP-8004041-F
16x2x1.5 mm²
/3.2



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT PUSHBUTTONS	
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-80002B
CHECKED BY	RBE	+ 44LCP-8004041
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	67	

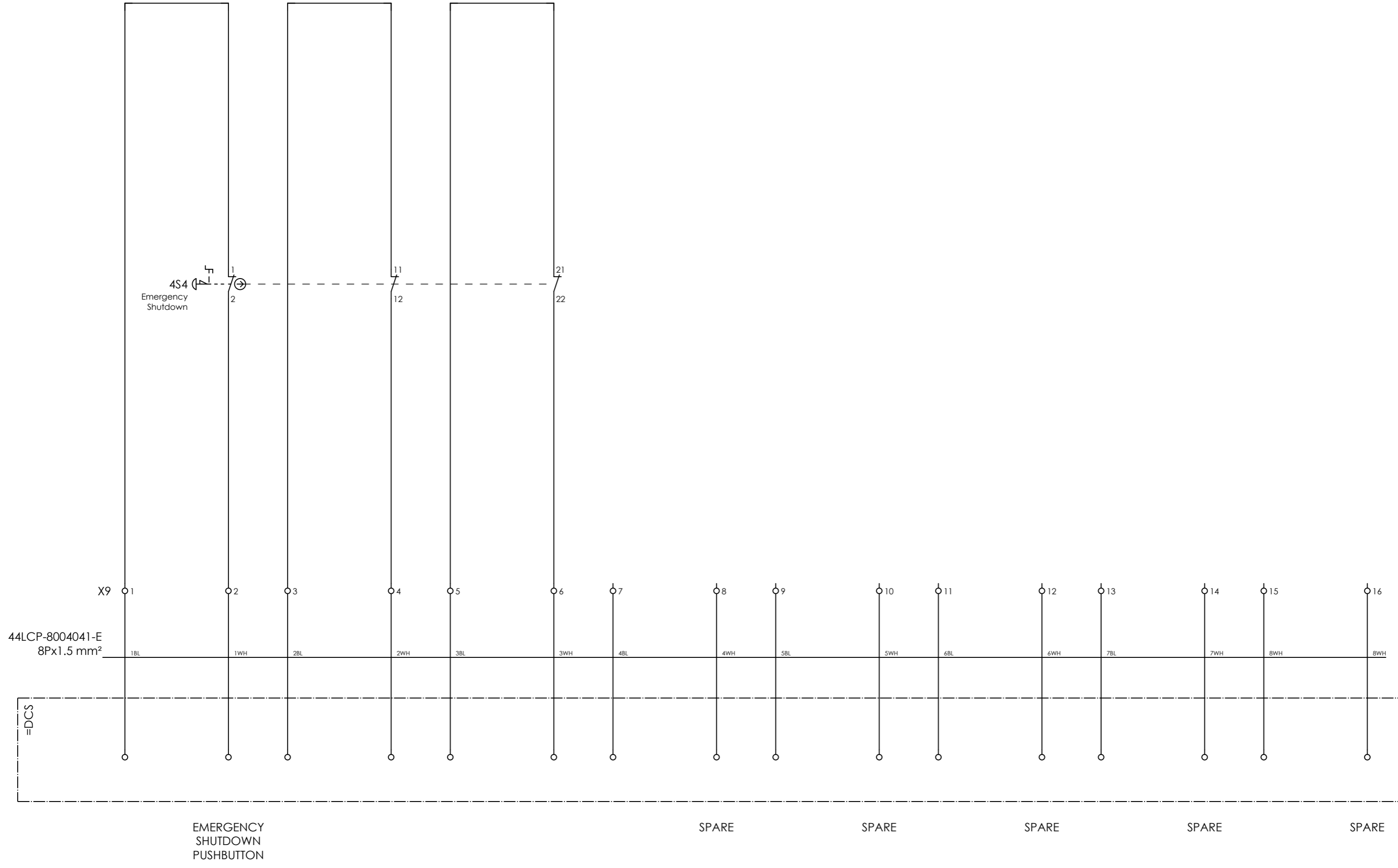


44LCP-8004041-F
16x2x1.5 mm²
/2.2



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-80002B
CHECKED BY	RBE	+ 44LCP-8004041
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	68	



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 ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	69

= 44C-80002B
+ 44LCP-8004041
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80002B+44LCP-8004041-X1 CONNECTION PUSHBUTTONS & LAMPS																Cable name		
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal	Jumper	Target designation	Target designation	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal	
-44LCP-8004041-F	16x2x1.5 mm ²	1BL	13	.	-2S4			1	.				1							
		1WH	14	.	-2S4			2	.				2							
		2BL	11	.	-2S6			3	.				3							
		2WH	12	.	-2S6			4	.				4							
		3BL	13	.	-2S8			5	.				5							
		3WH	14	.	-2S8			6	.				6							
		4BL		.				7	.				7							
		4WH		.				8	.				8							
		5BL	x1	.	-3H4			9	.				9							
		5WH	x2	.	-3H4			10	.				10							
		6BL	x1	.	-3H6			11	.				11							
		6WH	x2	.	-3H6			12	.				12							
		7BL		.				13	.				13							
		7WH		.				14	.				14							
		8BL		.				15	.				15							
		8WH		.				16	.				16							



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-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
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 LAST MODIFICATION DATE 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 70

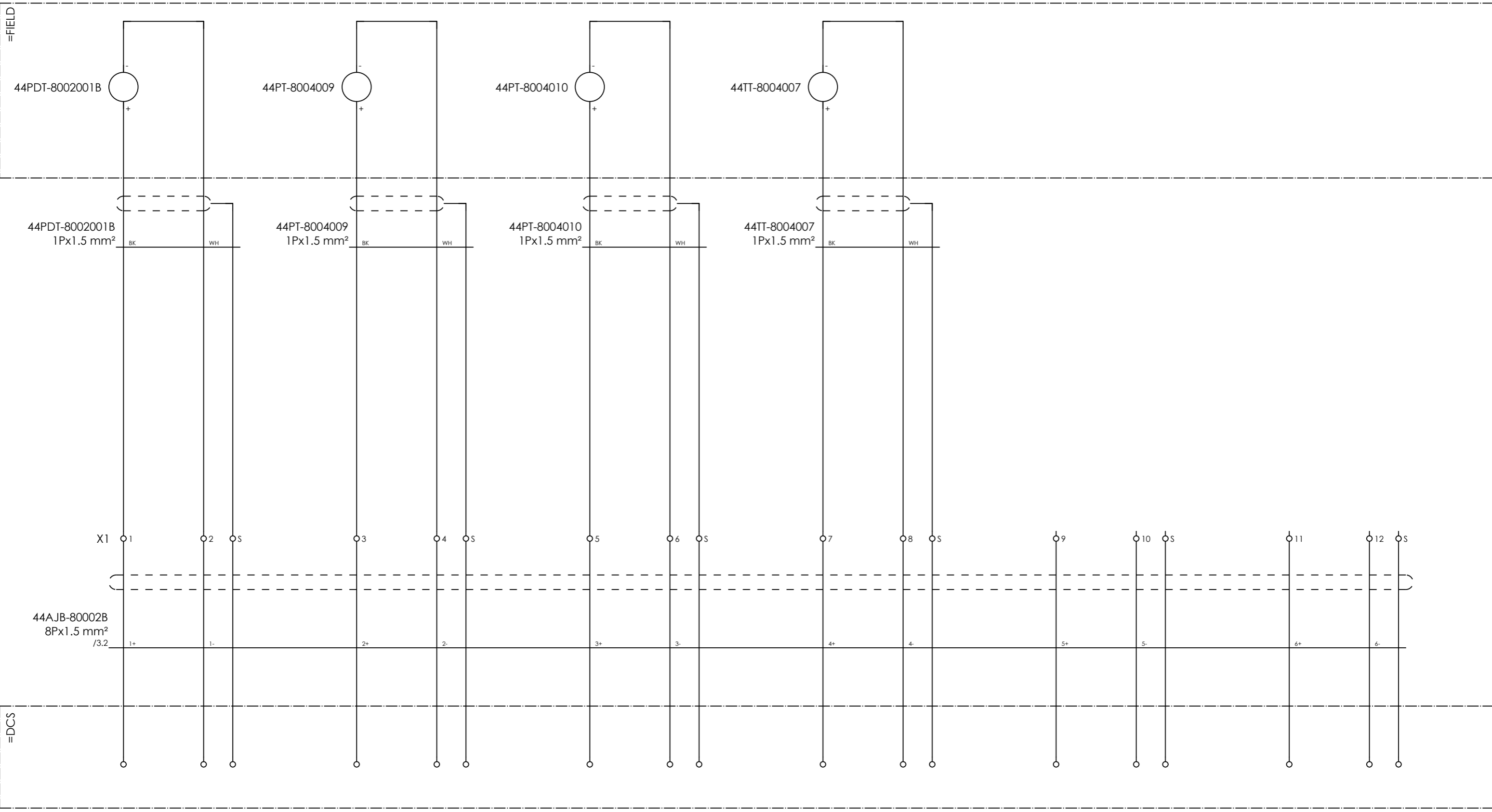
= 44C-80002B
 + 44LCP-8004041
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PFJBIA-80084 ANALOG JUNCTION BOX

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	7/14/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	02	
AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	72				



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER

SPARE

SPARE

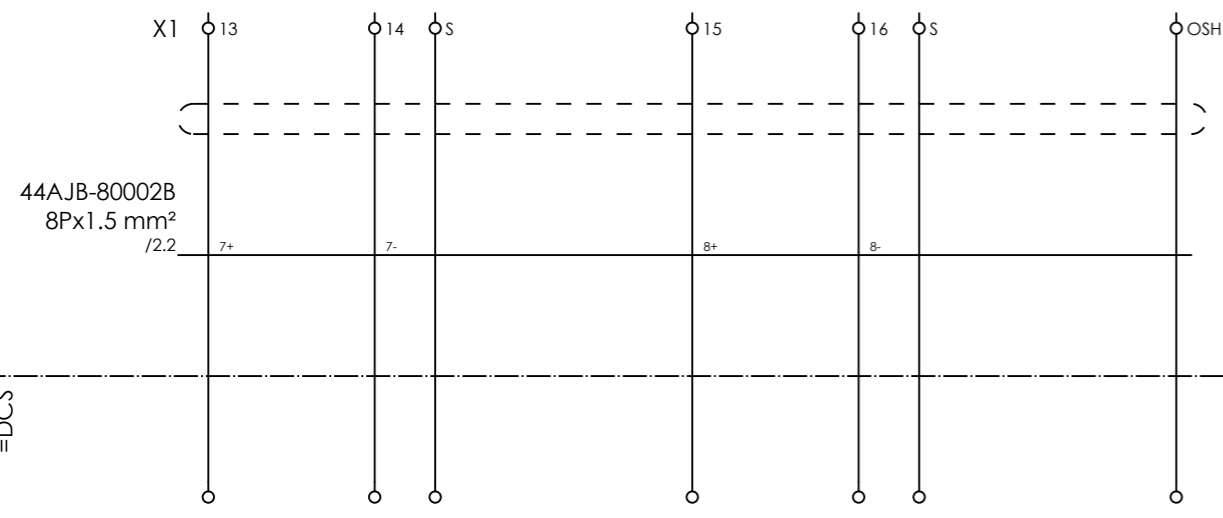


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80002B
CHECKED BY	RBE	+ PFJBA-80084
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	73	

=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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	74

= 44C-80002B
+ PFJBIA-80084
CURRENT PAGE

44LCP-8004051

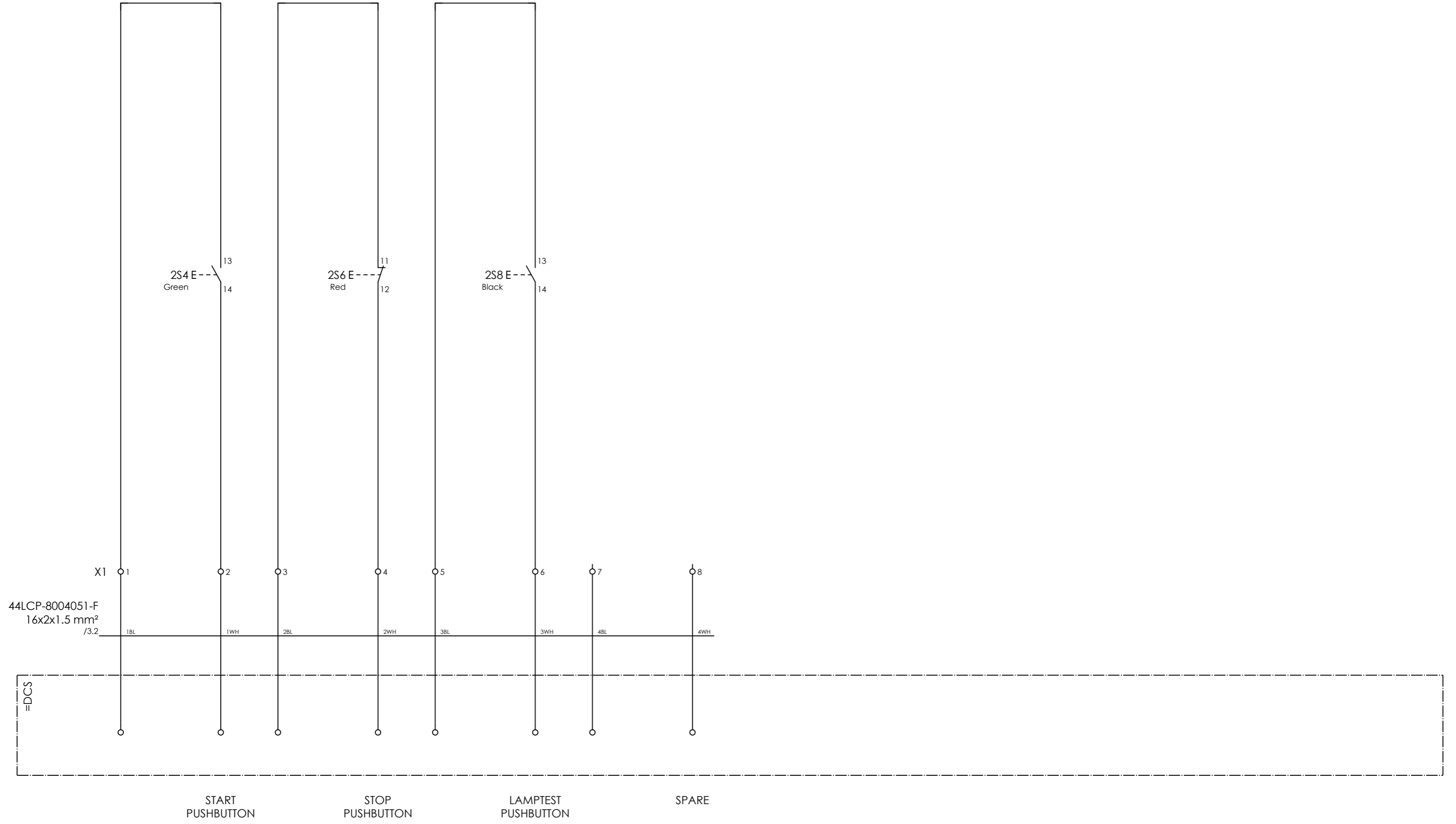
LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80004A
EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ 44LCP-8004051
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project	REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	76	



44LCP-8004051-F
16x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

LAMPTEST
PUSHBUTTON

SPARE

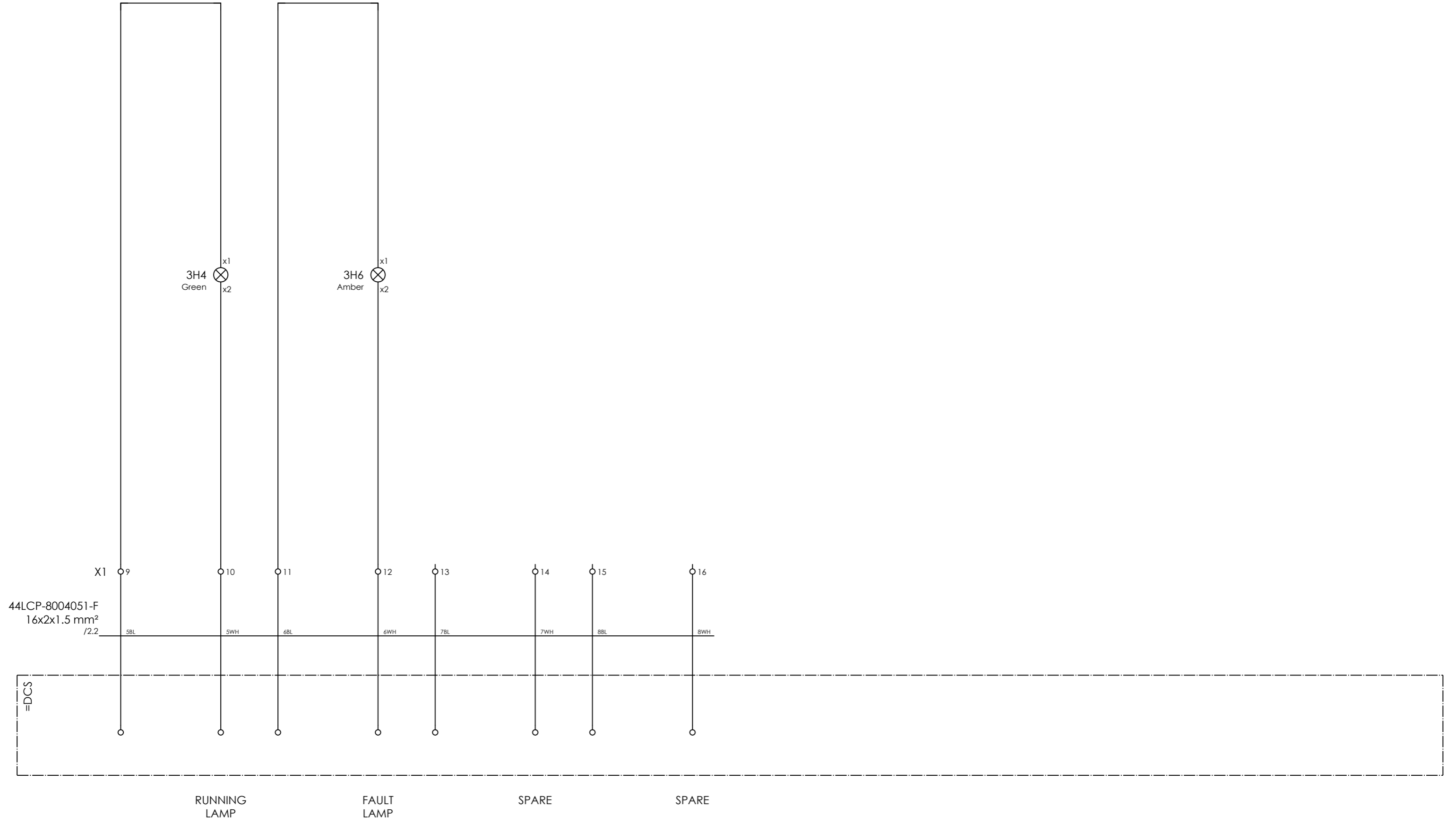


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	77

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

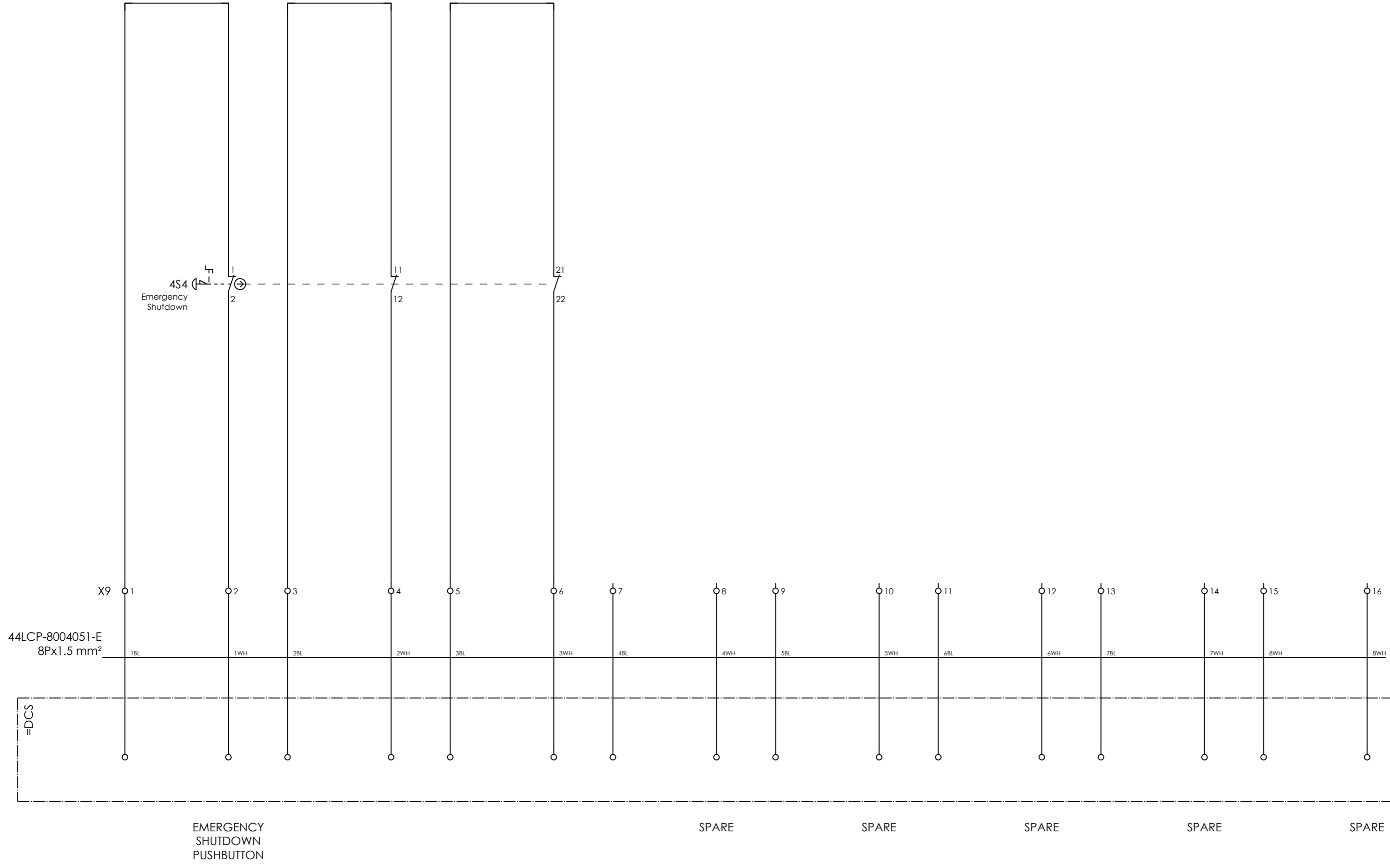


44LCP-8004051-F
16x2x1.5 mm²
/2.2



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-80004A
CHECKED BY	RBE	+ 44LCP-8004051
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	78	



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80004A
EQUIPMENT NO.	Various	ESD		CHECKED BY	RBE	+ 44LCP-8004051
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	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	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	79	

Terminal diagram

Cable name		Strip														Cable name		
		=44C-80004A+44LCP-8004051-X1 CONNECTION PUSHBUTTONS & LAMPS																
Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	
-44LCP-8004051-F	16x2x1.5 mm ²	1BL				1	.	-2S4	13									
		1WH				2	.	-2S4	14									
		2BL				3	.	-2S6	11									
		2WH				4	.	-2S6	12									
		3BL				5	.	-2S8	13									
		3WH				6	.	-2S8	14									
		4BL				7	.											
		4WH				8	.											
		5BL				9	.	-3H4	x1									
		5WH				10	.	-3H4	x2									
		6BL				11	.	-3H6	x1									
		6WH				12	.	-3H6	x2									
		7BL				13	.											
		7WH				14	.											
		8BL				15	.											
		8WH				16	.											



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+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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	80

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

Terminal diagram

Cable name		Strip																Cable name	
		=44C-80004A+44LCP-8004051-X9 CONNECTION ESD PUSHBUTTON																	
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation	Terminal	Connection point	Jumper	Target designation
1		1		·	-4S4	1		·		·		1		·		1		·	
2		2		·	-4S4	2		·		·		2		·		2		·	
3		3		·	-4S4	3		·		·		11		·		11		·	
4		4		·	-4S4	4		·		·		12		·		12		·	
5		5		·	-4S4	5		·		·		21		·		21		·	
6		6		·	-4S4	6		·		·		22		·		22		·	
7		7		·		7		·											
8		8		·		8		·											
9		9		·		9		·											
10		10		·		10		·											
11		11		·		11		·											
12		12		·		12		·											
13		13		·		13		·											
14		14		·		14		·											
15		15		·		15		·											
16		16		·		16		·											



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+44LCP-8004051-X9
 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 + 44LCP-8004051
 LAST MODIFICATION DATE 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 81
 CURRENT PAGE

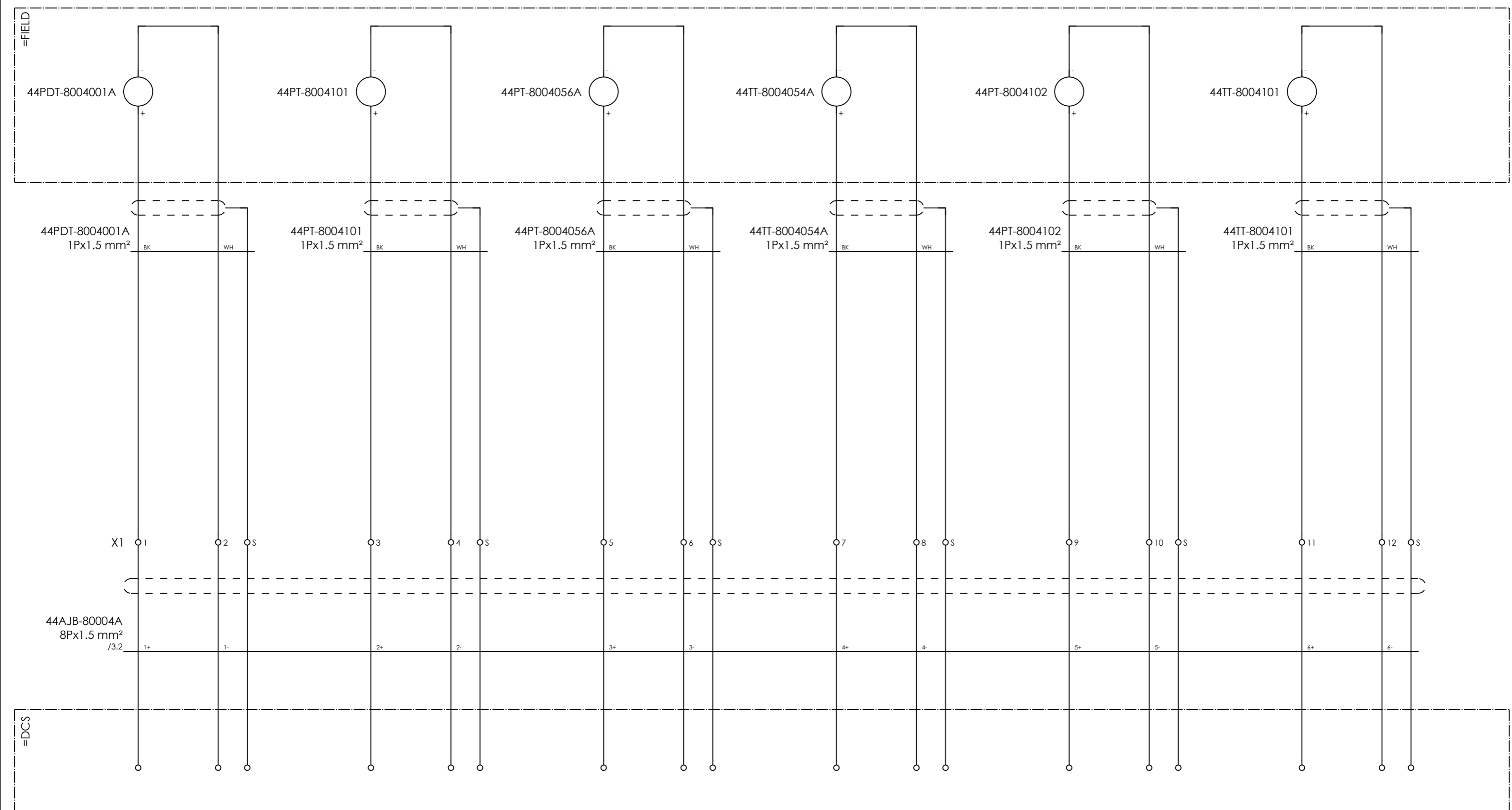
PFJBIA-80085

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-80004A	
	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80085	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	82		



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

OIL
TEMPERATURE
TRANSMITTER

OIL
PRESSURE
TRANSMITTER

DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER

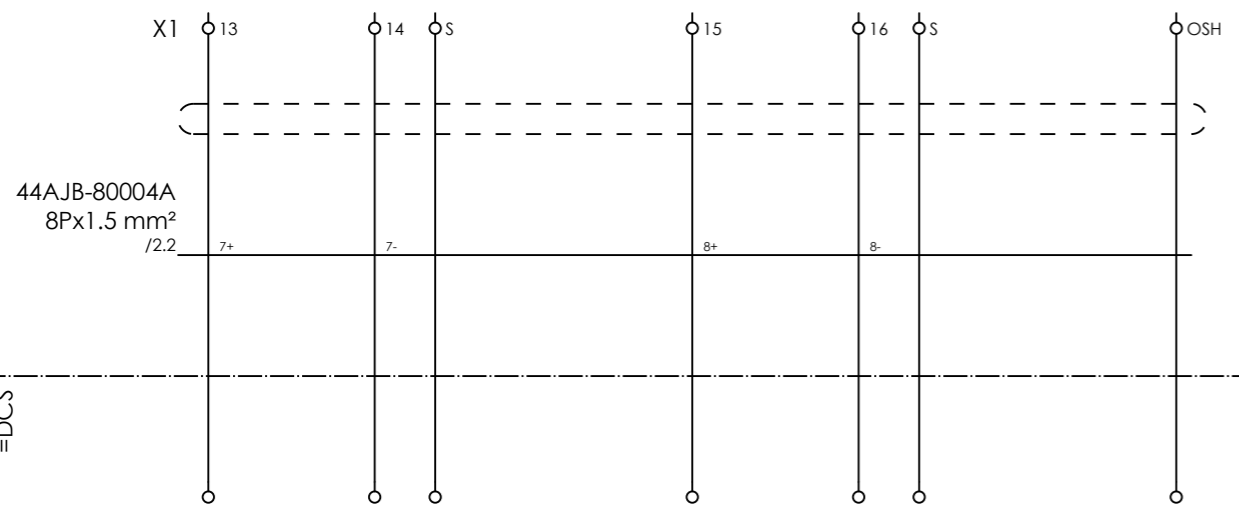


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT TRANSMITTERS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR	= 44C-80004A
CHECKED BY	RBE	+ PFJBIA-80085
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	83	

=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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	84

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

Terminal diagram

Cable name	Cable name	Terminal	Connection point	Jumper	Target designation	Connection point		Cable name
						Terminal	Connection point		Color 1	Color 2
Strip =44C-80004A+PFJBIA-80085-X1 CONNECTION TRANSMITTERS	-44PDT-8004001A	1	=FIELD-44PDT-8004001A	.		+	BK	WH
	-44PT-8004101	2	=FIELD-44PDT-8004001A	.		-	BK	WH
	-44PT-8004056A	3	=FIELD-44PT-8004101	.		+		
	-44TT-8004054A	4	=FIELD-44PT-8004101	.		-		
	-44PT-8004102	5	=FIELD-44PT-8004056A	.		+	BK	WH
		6	=FIELD-44PT-8004056A	.		-		
		7	=FIELD-44TT-8004054A	.		+	BK	WH
		8	=FIELD-44TT-8004054A	.		-		
		9	=FIELD-44PT-8004102	.		+	BK	WH
		10	=FIELD-44PT-8004102	.		-		
-44AJB-80004A	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 7/14/2025
AIRPACK DWG NO. 23383-05
REVISION 02
TOTAL PAGE AMOUNT 85

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

Cable name		Connection point		Terminal		Jumper		Target designation		Target designation								
		+	-	11	12	13	14	15	16	OSH	S	S	S	S	S	S	S	
-44TT-8004101	1Px1.5 mm²	BK	WH															
-44PDT-8004001A	1Px1.5 mm²																	
-44PT-8004102	1Px1.5 mm²																	
-44TT-8004054A	1Px1.5 mm²																	
-44PT-8004056A	1Px1.5 mm²																	

Cable name		Connection point		Terminal		Jumper		Target designation		Target designation								
		+	-	11	12	13	14	15	16	OSH	S	S	S	S	S	S	S	
-44AJB-80004A	8Px1.5 mm²	6+	6-	7+	7-	8+	8-	S	S	S	S	S	S	S	S	S	S	S

Strip
=44C-80004A+PFJBIA-80085-X1
CONNECTION TRANSMITTERS



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	Terminal diagram =44C-80004A+PFJBIA-80085-X1	DRAWN BY	RTR	= 44C-80004A + PFJBIA-80085 CURRENT PAGE	
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE		
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	7/14/2025		
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	AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	86			

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	-44AJB-80004A		8Px1.5 mm²		S																	



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

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	= 44C-80004A
CHECKED BY	RBE	+ PFJBIA-80085
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	87	

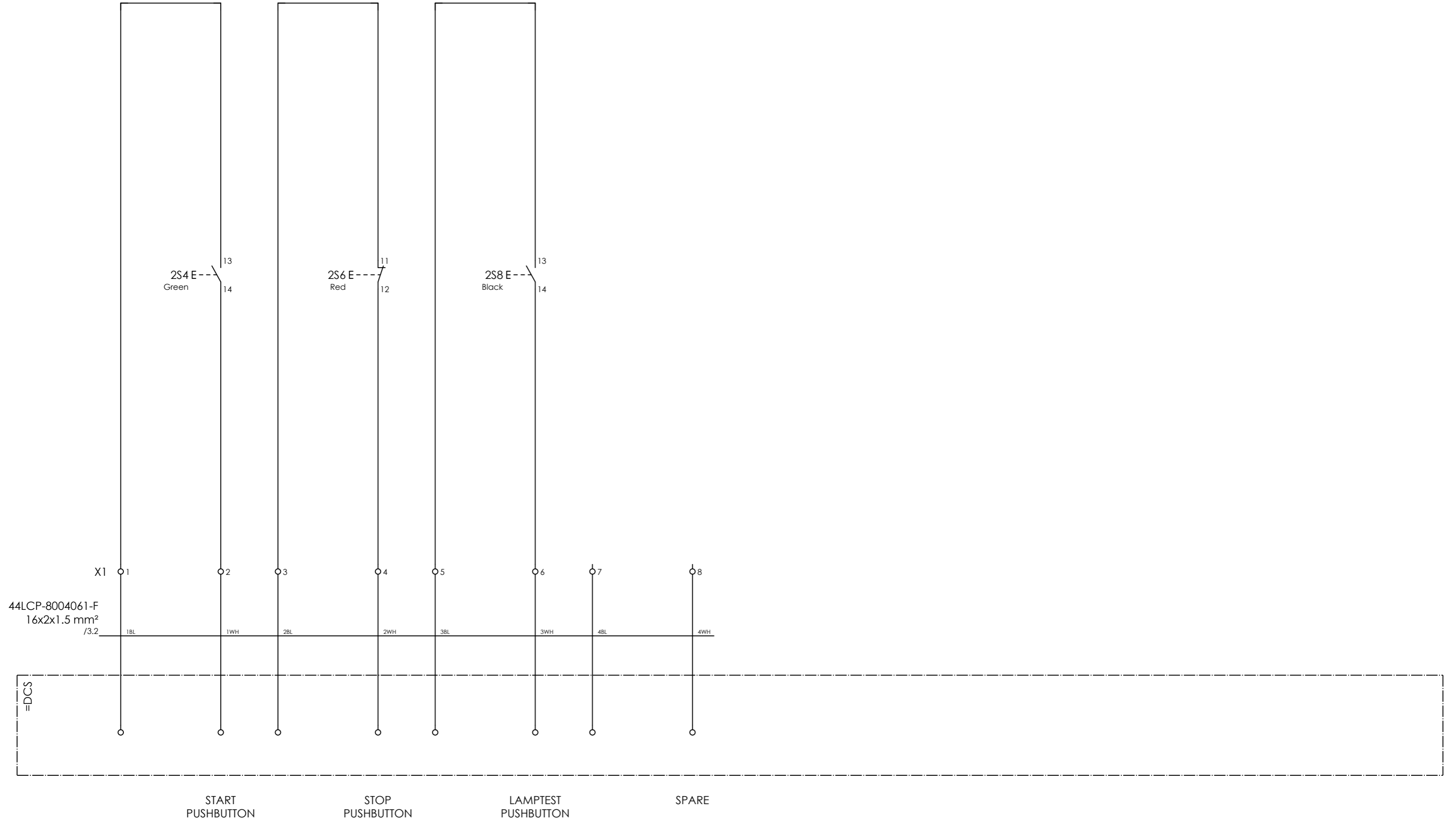
44LCP-8004061

LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON

	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	7/14/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	88		



44LCP-8004061-F
16x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

LAMPTEST
PUSHBUTTON

SPARE



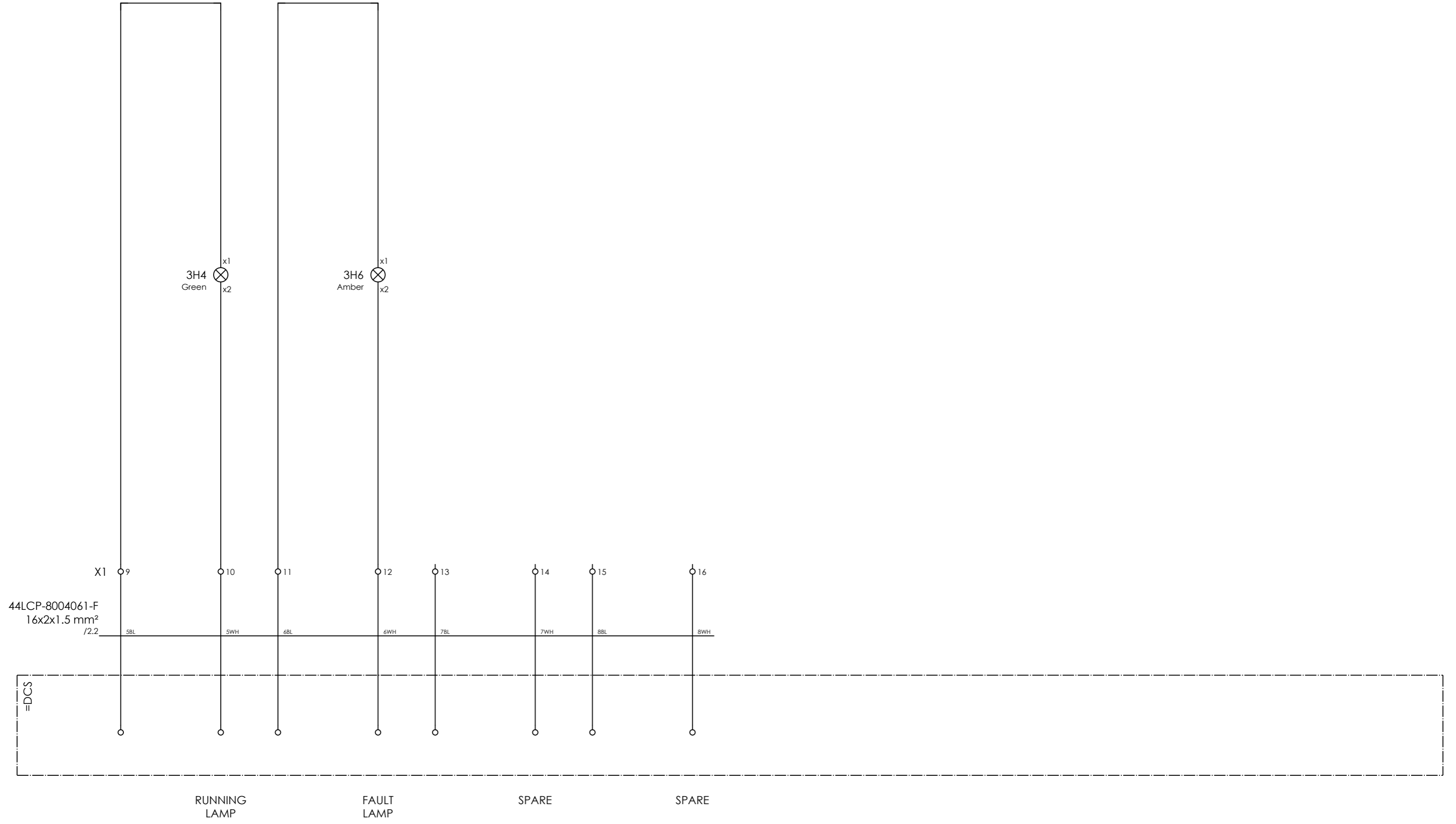
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	89

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



44LCP-8004061-F
16x2x1.5 mm²
/2.2

=DCS

RUNNING
LAMP

FAULT
LAMP

SPARE

SPARE



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

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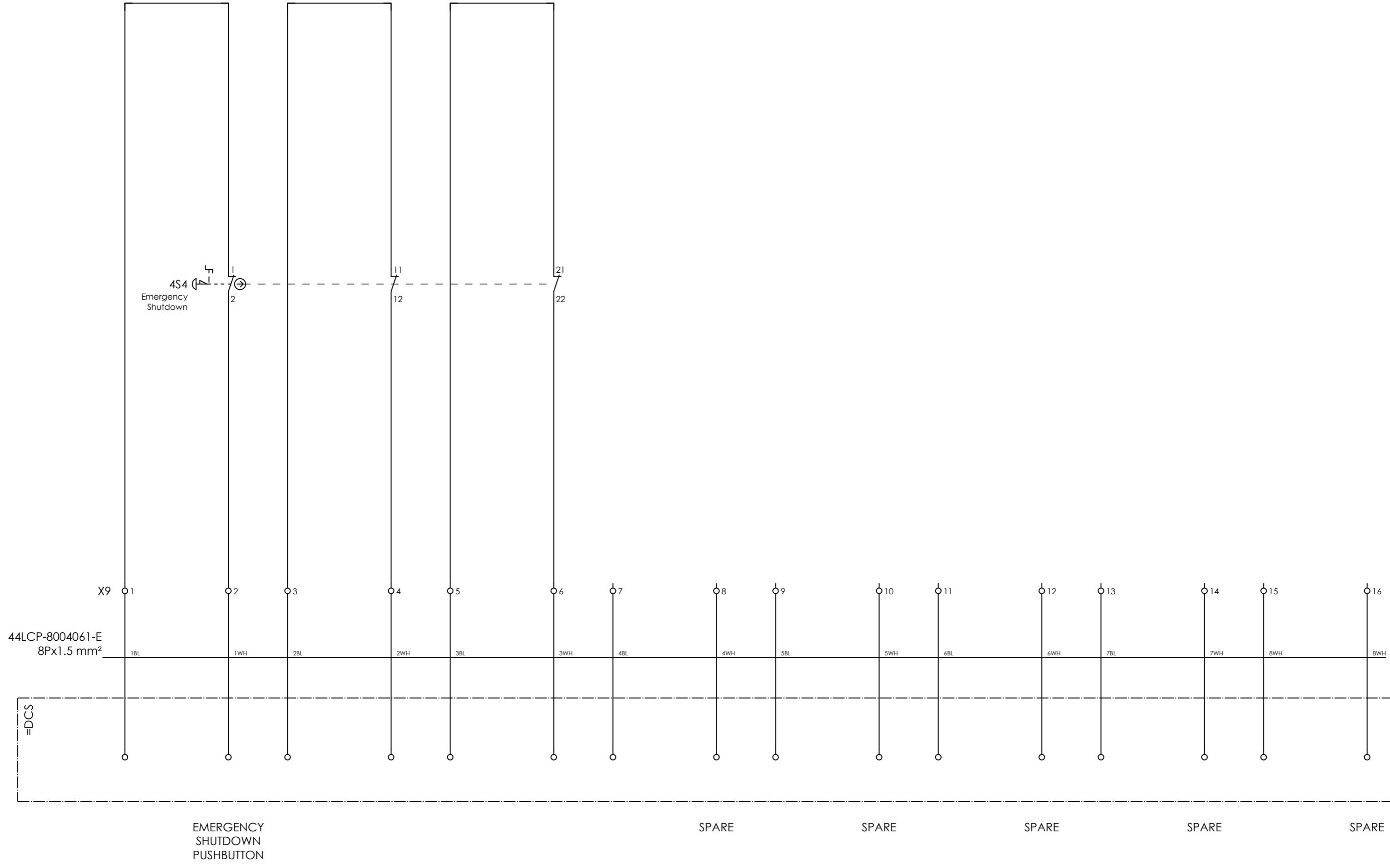
SUBJECT LAMPS	
ADAPTED TO P&ID REVISION	05

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

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	7/14/2025

AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	90

= 44C-80004B
+ 44LCP-8004061
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 ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	91

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

Terminal diagram

Cable name	Strip =44C-80004B+44LCP-8004061-X1 CONNECTION PUSHBUTTONS & LAMPS								Cable name										
	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper			
-44LCP-8004061-F			1	.	-2S4	13													
16x2x1.5 mm ²	1BL	13	1	.	-2S4														
	1WH	14	2	.	-2S4														
	2BL	11	3	.	-2S6														
	2WH	12	4	.	-2S6														
	3BL	13	5	.	-2S8														
	3WH	14	6	.	-2S8														
	4BL		7	.															
	4WH		8	.															
	5BL		9	.	-3H4	x1													
	5WH		10	.	-3H4	x2													
	6BL		11	.	-3H6	x1													
	6WH		12	.	-3H6	x2													
	7BL		13	.															
	7WH		14	.															
	8BL		15	.															
	8WH		16	.															



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	= 44C-80004B + 44LCP-8004061 CURRENT PAGE
CHECKED BY	RBE	
LAST MODIFICATION DATE	7/14/2025	
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	92	

Terminal diagram

Cable name	Strip =44C-80004B+44LCP-8004061-X9 CONNECTION ESD PUSHBUTTON																Cable name			
	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point
-44LCP-8004061-E	1	.	-4S4	1	1	.	-4S4	1	1BL				1				1			
	2	.	-4S4	2	2	.	-4S4	2	1WH				2				2			
	3	.	-4S4	11	3	.	-4S4	11	2BL				3				11			
	4	.	-4S4	12	4	.	-4S4	12	2WH				4				12			
	5	.	-4S4	21	5	.	-4S4	21	3BL				5				21			
	6	.	-4S4	22	6	.	-4S4	22	3WH				6				22			
	7	.			7	.			4BL				7							
	8	.			8	.			4WH				8							
	9	.			9	.			5BL				9							
	10	.			10	.			5WH				10							
	11	.			11	.			6BL				11							
	12	.			12	.			6WH				12							
	13	.			13	.			7BL				13							
	14	.			14	.			7WH				14							
	15	.			15	.			8WH				15							
	16	.			16	.			8WH				16							



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-X9
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	93


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

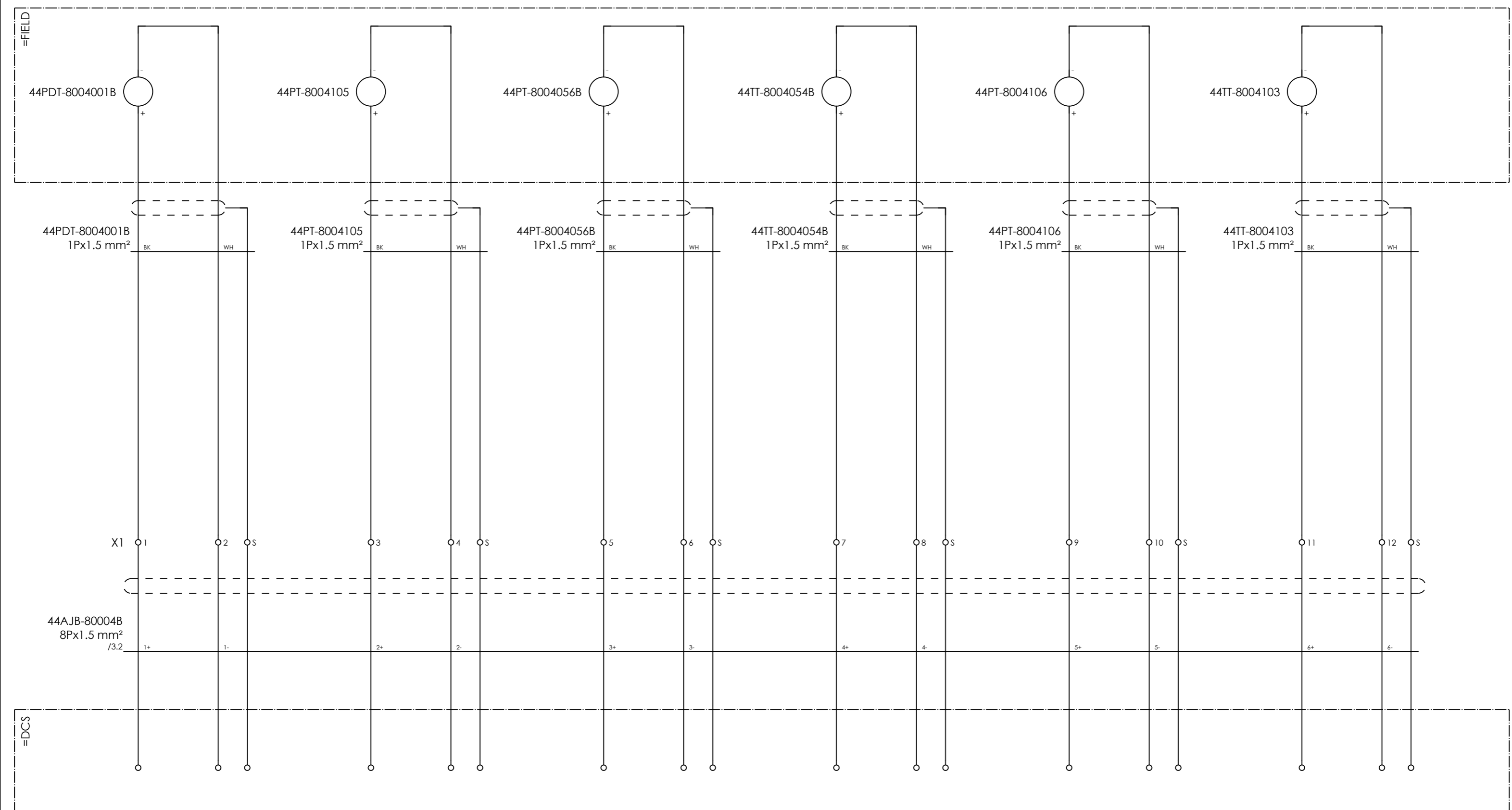
PFJBIA-80086

ANALOG JUNCTION BOX


TERMINAL STRIP DEFINITION

X1 = CONNECTION TRANSMITTERS

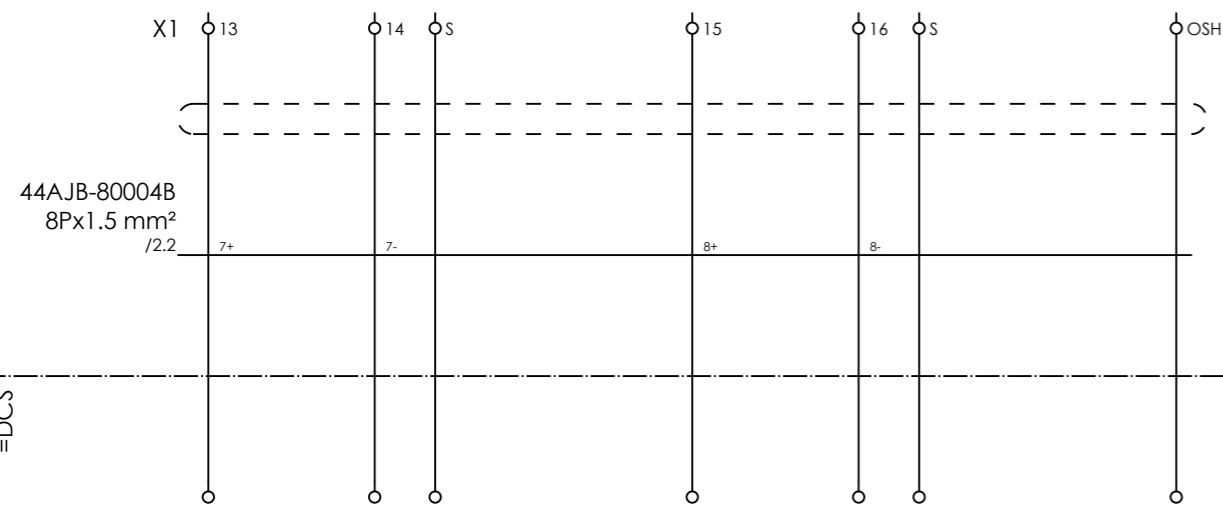
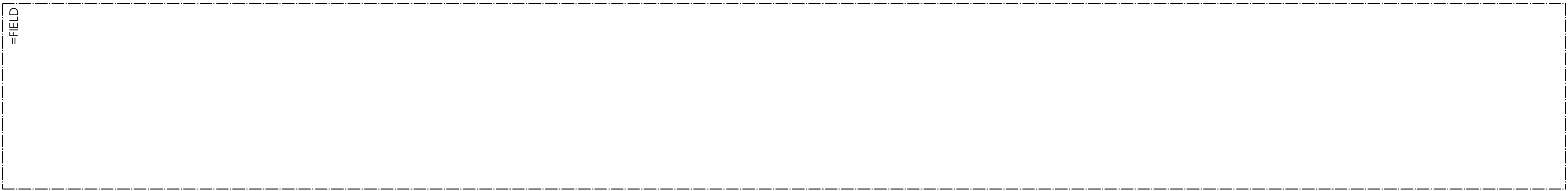
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	EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80086	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE	
	THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED 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	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	94		



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-80004B	
	EQUIPMENT NO.	Various	TRANSMITTERS		CHECKED BY	RBE	+ PFJBIA-80086	
	EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	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	02			
AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	95				

=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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	96

= 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	-44AJB-80004B		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-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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 99


= 44C-80004B
 + PFJBIA-80086
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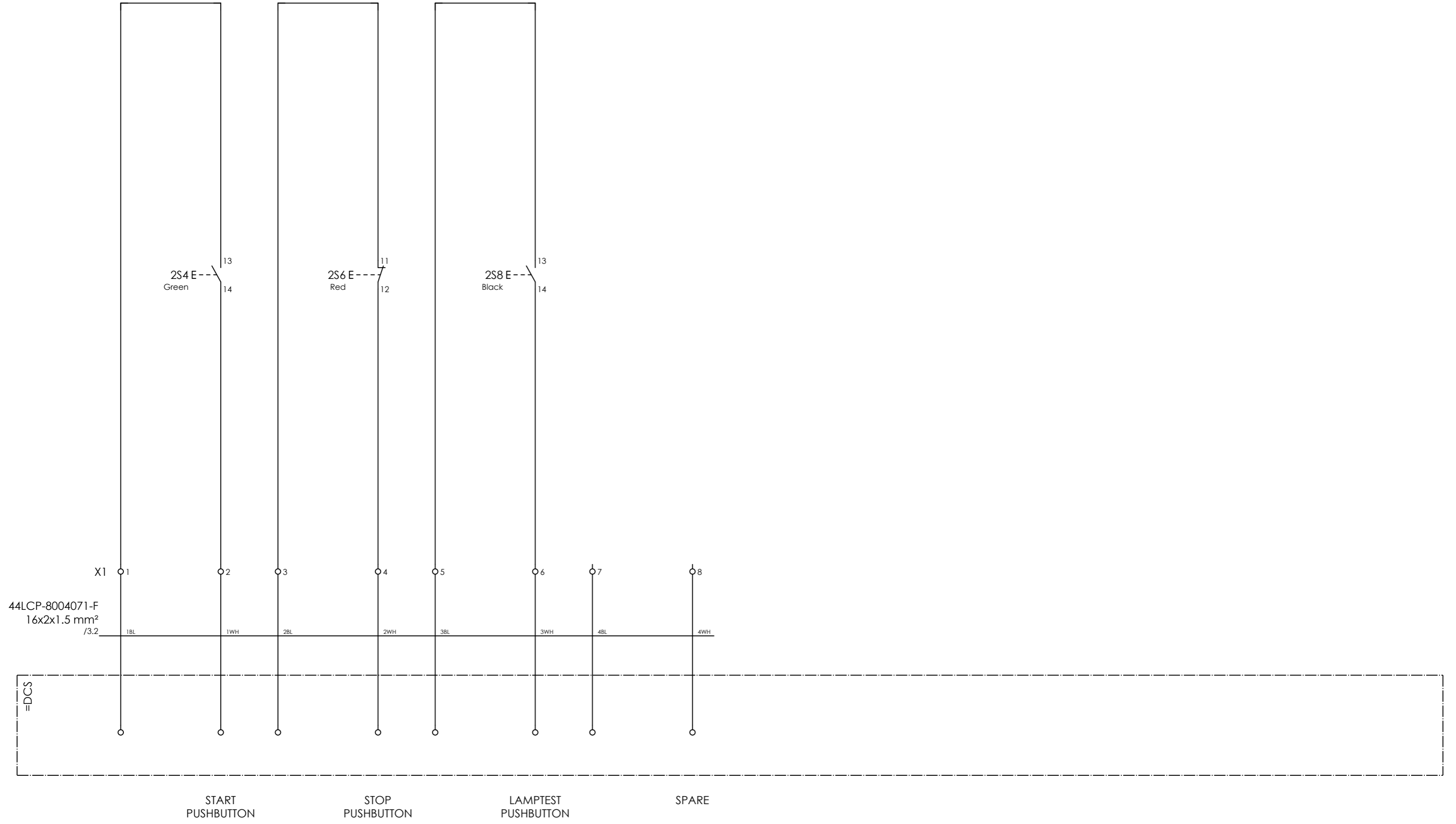
44LCP-8004071

LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON

	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	7/14/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	100		



44LCP-8004071-F
16x2x1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

LAMPTEST
PUSHBUTTON

SPARE

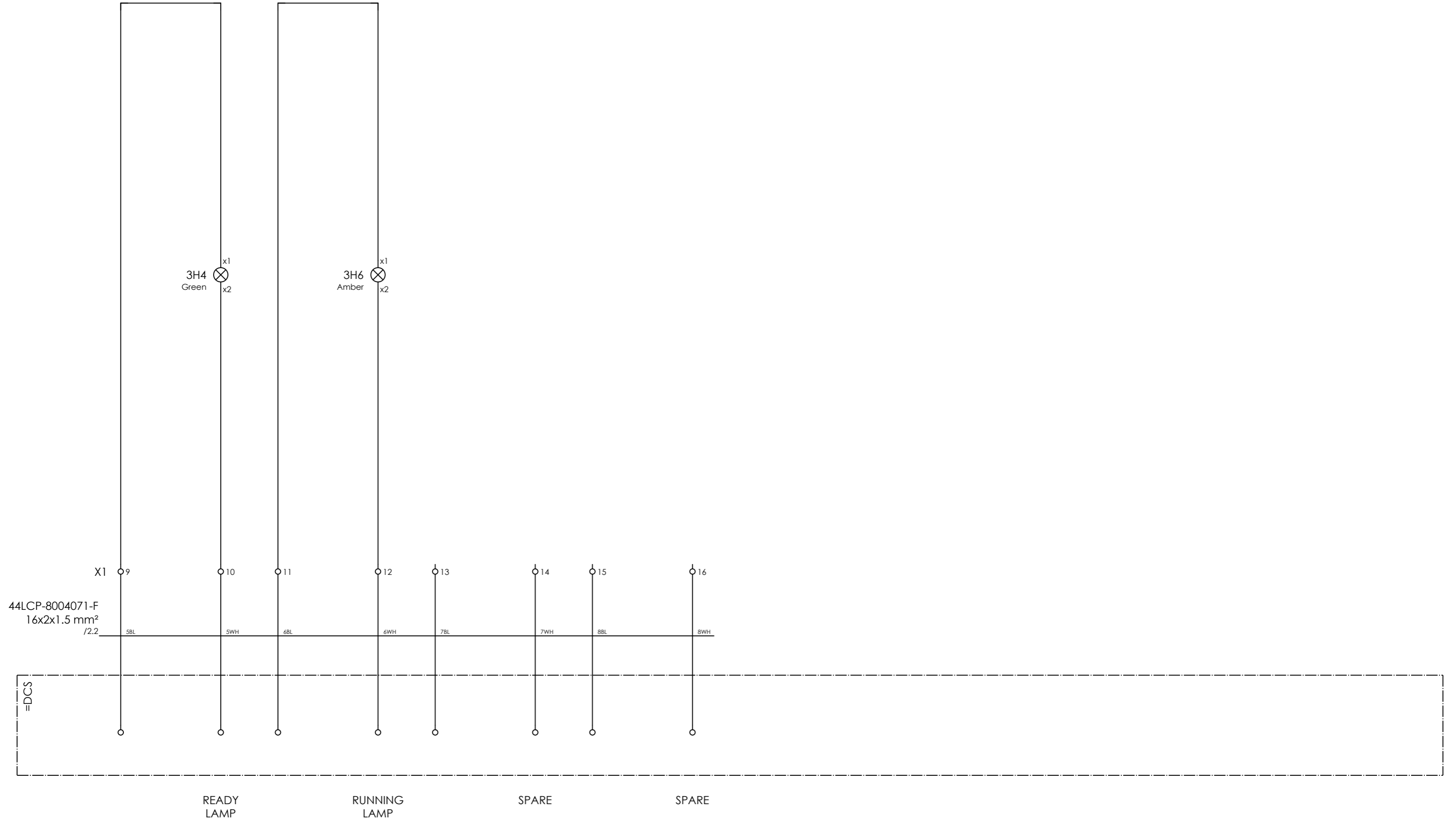


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	101

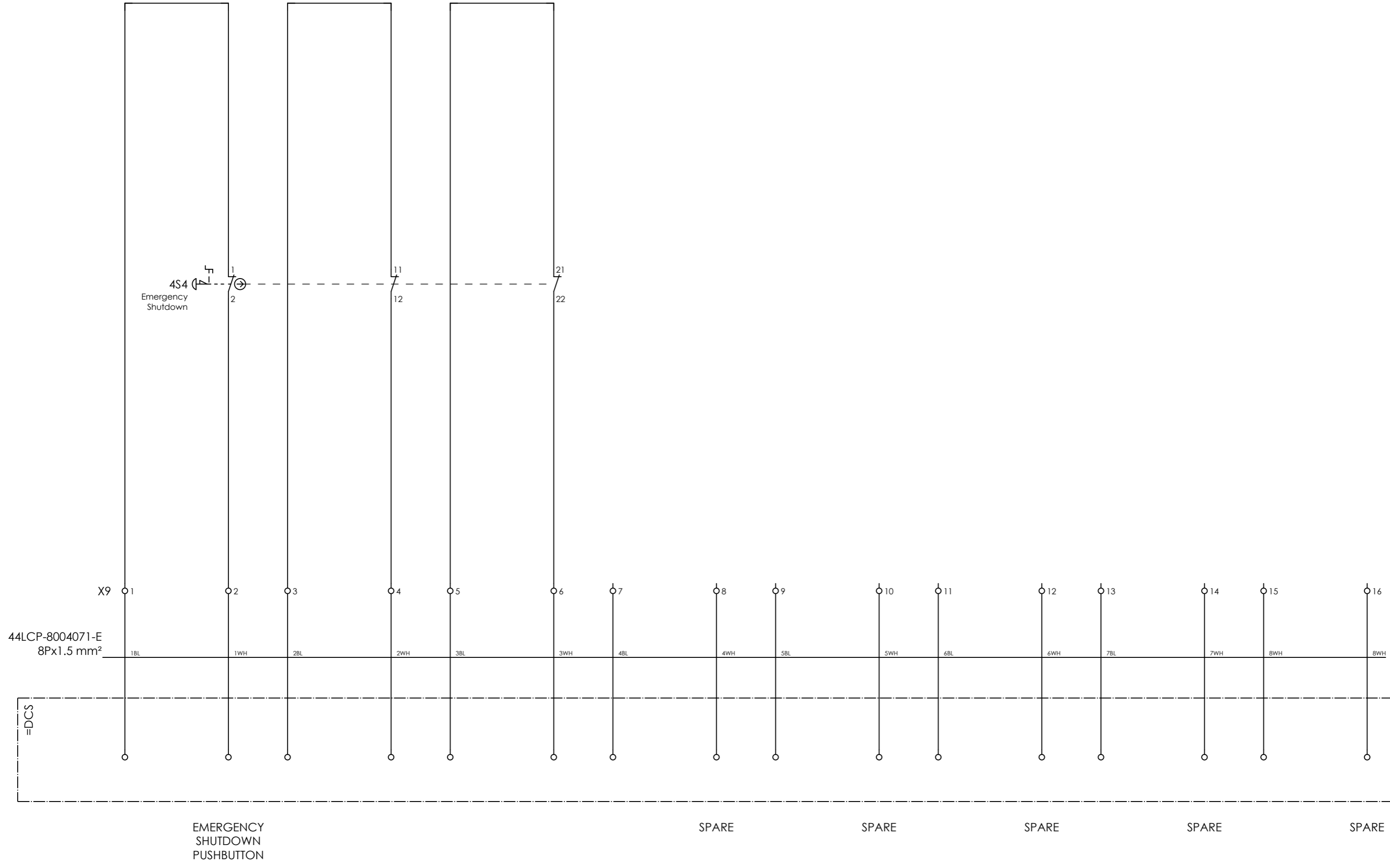
= 44C-80005A
+ 44LCP-8004071
CURRENT PAGE



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
CHECKED BY	RBE
LAST MODIFICATION DATE	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	102

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



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT		DRAWN BY	RTR	= 44C-80005A
EQUIPMENT NO.	Various	ESD		CHECKED BY	RBE	+ 44LCP-8004071
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	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	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	103	

Terminal diagram

Cable name		Strip =44C-80005A+44LCP-8004071-X1 CONNECTION PUSHBUTTONS & LAMPS																Cable name	
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal	Jumper	Target designation	Target designation	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal
-44LCP-8004071-F	16x2x1.5 mm ²	1BL	13	.	-2S4			1	.				1						
		1WH	14	.	-2S4			2	.				2						
		2BL	11	.	-2S6			3	.				3						
		2WH	12	.	-2S6			4	.				4						
		3BL	13	.	-2S8			5	.				5						
		3WH	14	.	-2S8			6	.				6						
		4BL		.				7	.				7						
		4WH		.				8	.				8						
		5BL	x1	.	-3H4			9	.				9						
		5WH	x2	.	-3H4			10	.				10						
		6BL	x1	.	-3H6			11	.				11						
		6WH	x2	.	-3H6			12	.				12						
		7BL		.				13	.				13						
		7WH		.				14	.				14						
		8BL		.				15	.				15						
		8WH		.				16	.				16						



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
 CHECKED BY RBE
 LAST MODIFICATION DATE 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 104

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

Terminal diagram

Cable name	Strip =44C-80005A+44LCP-8004071-X9 CONNECTION ESD PUSHBUTTON																Cable name	
-44LCP-8004071-E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
8Px1.5 mm ²	1BL	1WH	2BL	2WH	3BL	3WH	4BL	4WH	5BL	5WH	6BL	6WH	7BL	7WH	8WH	8WH		
Target designation																		
Connection point																		
Terminal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Jumper	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Target designation	-4S4	-4S4	-4S4	-4S4	-4S4	-4S4												
Connection point	1	2	11	12	21	22												



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

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SUBJECT		DRAWN BY		RTR	= 44C-80005A
Terminal diagram =44C-80005A+44LCP-8004071-X9		CHECKED BY		RBE	
ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE		7/14/2025	CURRENT PAGE
CLIENT	Arya Sasol Polymer Company	AIRPACK DWG NO.		23383-05	
CLIENT REF.	ASPC Project	REVISION		02	
AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT		105	

PFJBIA-80087

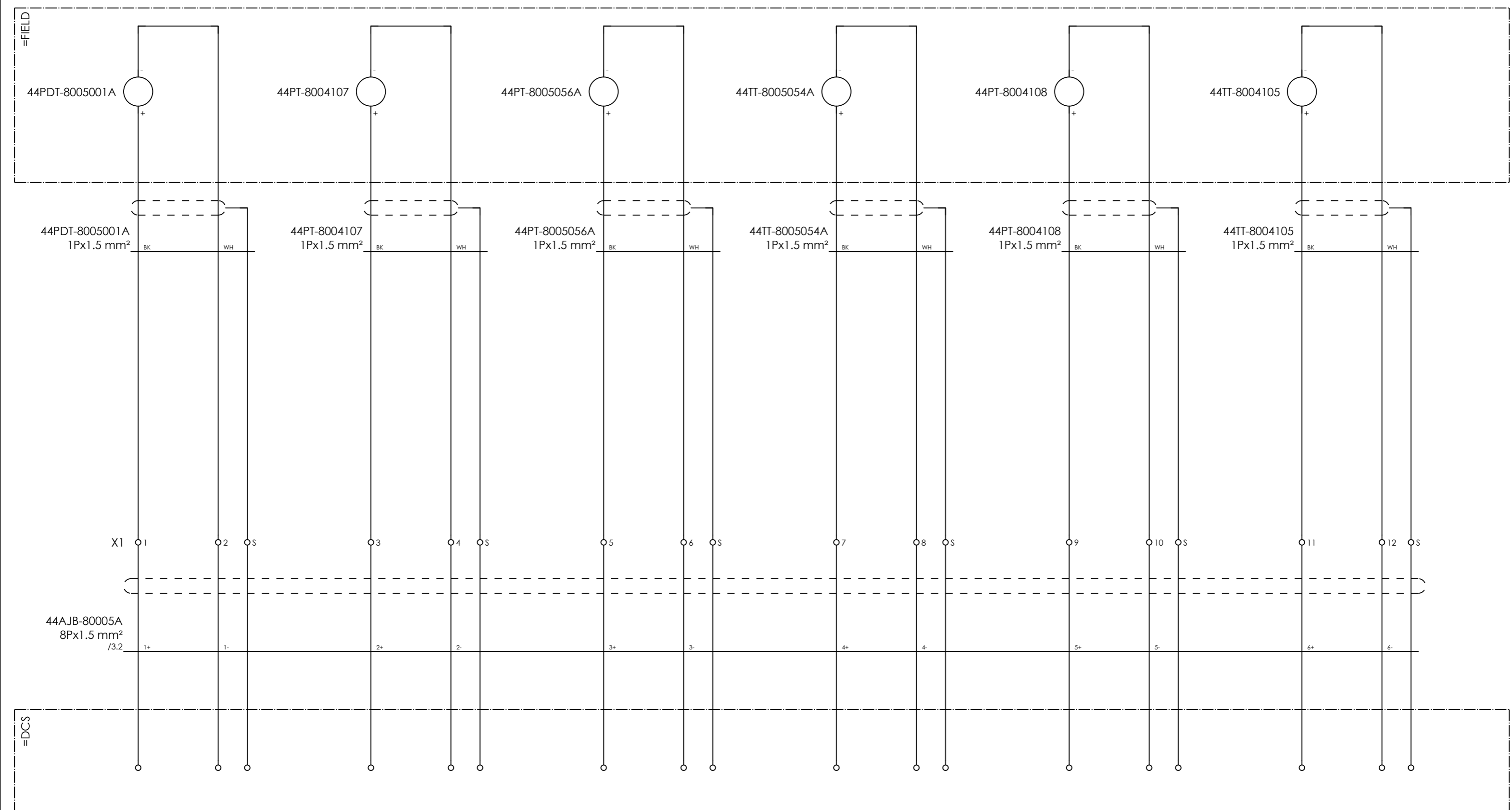
ANALOG JUNCTION BOX

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	7/14/2025	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	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	106	



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

OIL
TEMPERATURE
TRANSMITTER

OIL
PRESSURE
TRANSMITTER

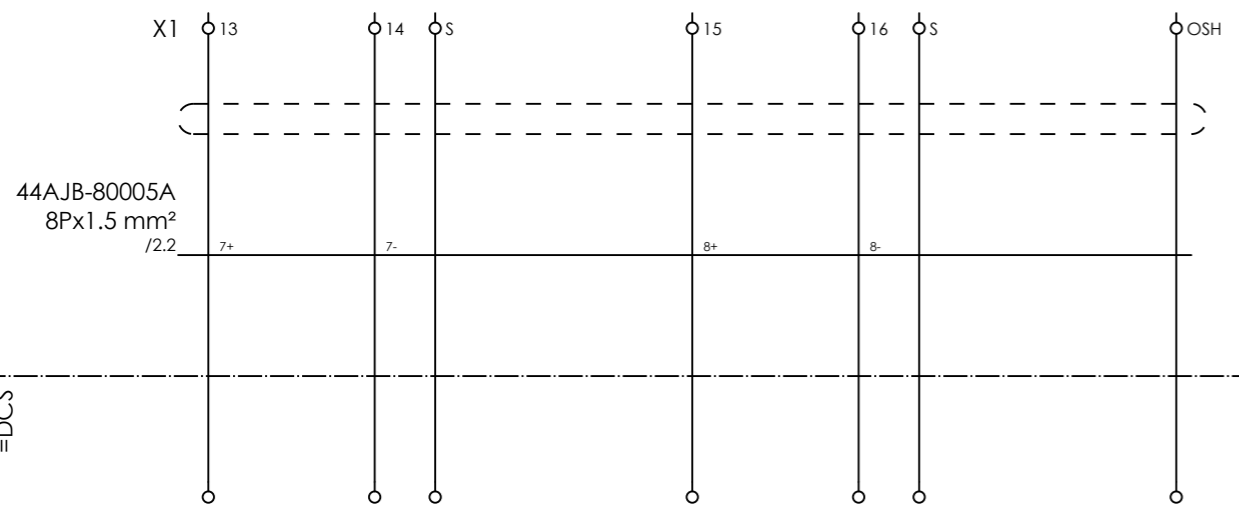
DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT TRANSMITTERS		DRAWN BY	RTR	= 44C-80005A
EQUIPMENT NO.	Various			CHECKED BY	RBE	+ PFJBIA-80087
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	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	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	107	

=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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	108

= 44C-80005A
+ PFJBIA-80087
CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80005A+PFJBIA-80087-X1 CONNECTION TRANSMITTERS																									
Cable name		Terminal	Connection point	Jumper	Target designation	Connection point	Target designation																				
-44PDT-8005001A	1Px1.5 mm²	1	+	.	=FIELD-44PDT-8005001A																						
-44PT-8004107	1Px1.5 mm²	2	-	.	=FIELD-44PDT-8005001A																						
-44PT-8005056A	1Px1.5 mm²	3	+	.	=FIELD-44PT-8004107																						
-44TT-8005054A	1Px1.5 mm²	4	-	.	=FIELD-44PT-8004107																						
-44PT-8004108	1Px1.5 mm²	5	+	.	=FIELD-44PT-8005056A																						
		6	-	.	=FIELD-44PT-8005056A																						
		7	+	.	=FIELD-44TT-8005054A																						
		8	-	.	=FIELD-44TT-8005054A																						
		9	+	.	=FIELD-44PT-8004108																						
		10	-	.	=FIELD-44PT-8004108																						
Cable name																											
-44AJB-80005A	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-80005A+PFJBIA-80087-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	+ PFJBIA-80087
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	109	



Terminal diagram

Cable name		Cable name																								
-44TT-8004105	1Px1.5 mm²	BK	WH																							
-44PDT-8005001A	1Px1.5 mm²			S																						
-44PT-8004108	1Px1.5 mm²				S																					
-44TT-8005054A	1Px1.5 mm²					S																				
-44PT-8005056A	1Px1.5 mm²						S																			
Connection point		+	-																							
Target designation		=FIELD-44TT-8004105	=FIELD-44TT-8004105																							
Jumper		.	.																							
Terminal		11	12	13	14	15	16	OSH	S	S	S	S	S	S	S	S										
Connection point																										
Target designation																										
Cable name																										
-44AJB-80005A	8Px1.5 mm²	6+	6-	7+	7-	8+	8-	S	S	S	S	S	S	S	S	S										

Strip
=44C-80005A+PFJBIA-80087-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-80005A+PFJBIA-80087-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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 110

= 44C-80005A
 + PFJBIA-80087
 CURRENT PAGE

Terminal diagram

Cable name	-44PT-8004107		1Px1.5 mm²		S																		
Strip =44C-80005A+PFJBIA-80087-X1 CONNECTION TRANSMITTERS	Connection point																						
	Target designation																						
	Jumper				.																		
	Terminal				S																		
	Connection point																						
	Target designation																						
Cable name	-44AJB-80005A		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-80005A+PFJBIA-80087-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	+ PFJBIA-80087
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	111	

44LCP-8004081

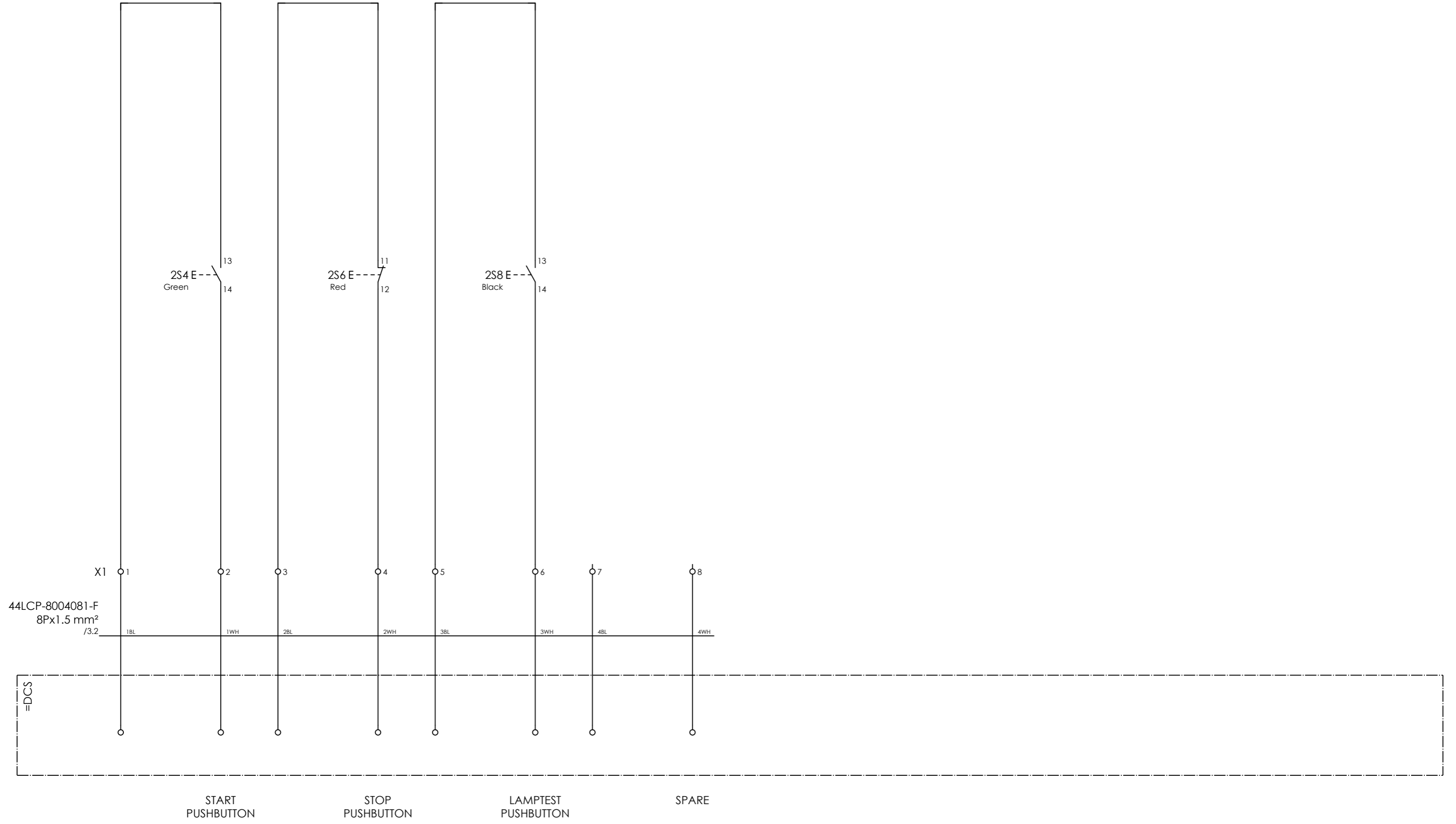
LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON



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	+ 44LCP-8004081
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project	REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	112	



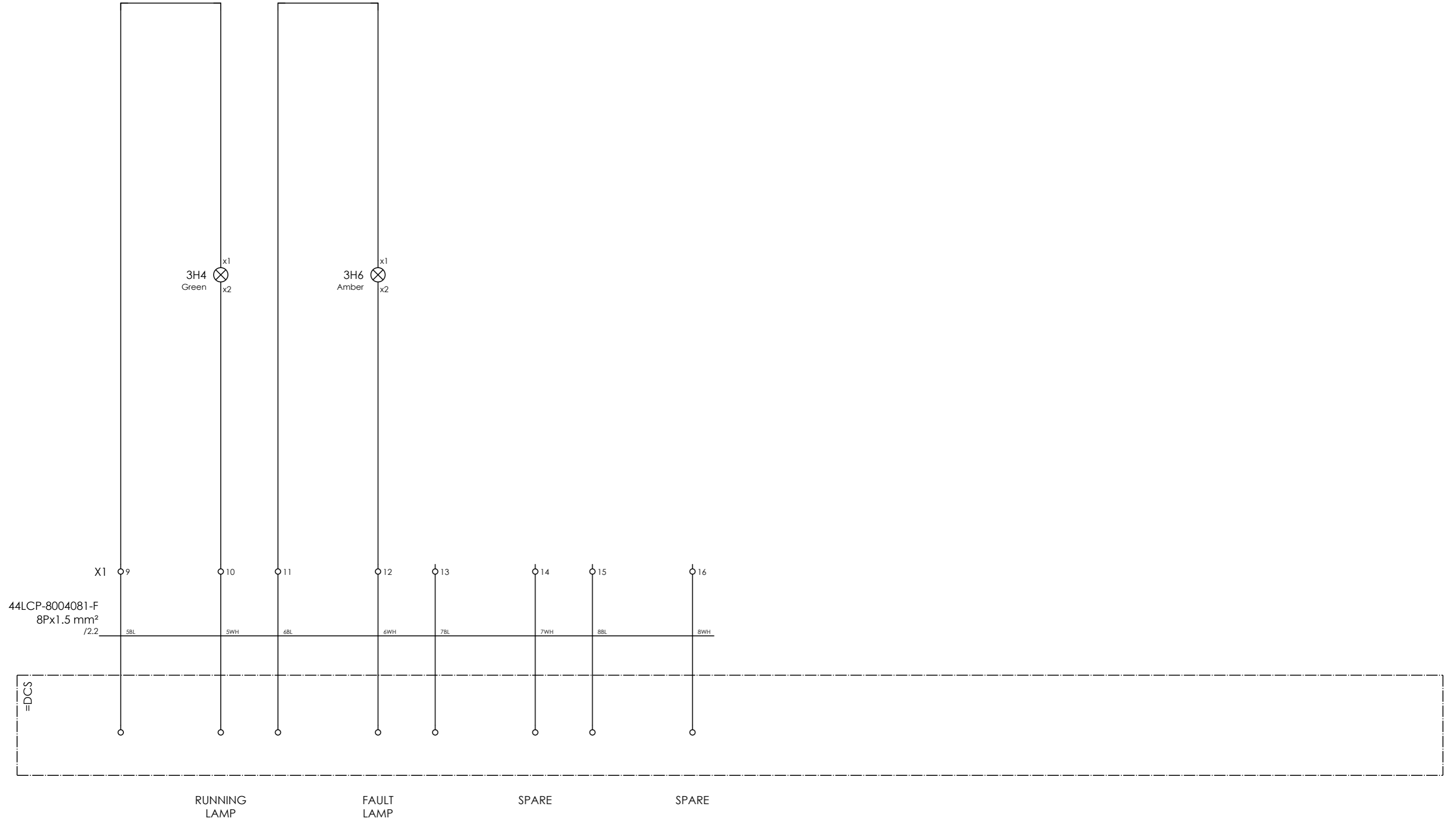
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	113

= 44C-80005B
+ 44LCP-8004081
CURRENT PAGE



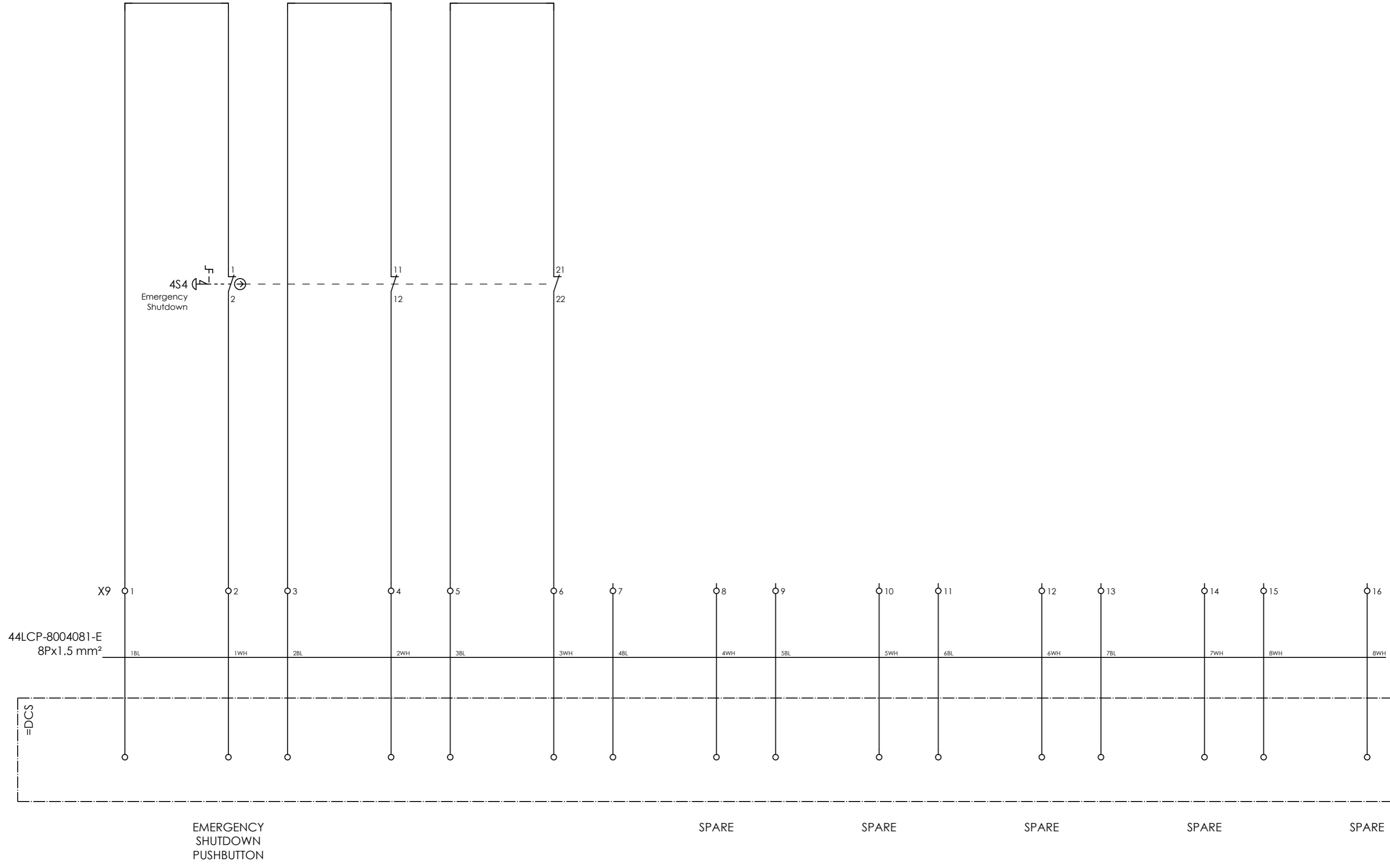
CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore

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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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	114

= 44C-80005B
+ 44LCP-8004081
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 ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	115

= 44C-80005B
+ 44LCP-8004081
CURRENT PAGE

Terminal diagram

Cable name	Strip =44C-80005B+44LCP-8004081-X1 CONNECTION PUSHBUTTONS & LAMPS										Cable name									
	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Terminal	Jumper
-44LCP-8004081-F	8Px1.5 mm²	1BL		1	·	-2S4	13													
		1WH		2	·	-2S4	14													
		2BL		3	·	-2S6	11													
		2WH		4	·	-2S6	12													
		3BL		5	·	-2S8	13													
		3WH		6	·	-2S8	14													
		4BL		7	·															
		4WH		8	·															
		5BL		9	·	-3H4	x1													
		5WH		10	·	-3H4	x2													
		6BL		11	·	-3H6	x1													
		6WH		12	·	-3H6	x2													
		7BL		13	·															
		7WH		14	·															
		8BL		15	·															
		8WH		16	·															



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+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	= 44C-80005B
CHECKED BY	RBE	+ 44LCP-8004081
LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	116	

Terminal diagram

Cable name		Strip =44C-80005B+44LCP-8004081-X9 CONNECTION ESD PUSHBUTTON																Cable name	
Terminal	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal	Jumper	Target designation	Target designation	Connection point	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Terminal
-44LCP-8004081-E	8Px1.5 mm²	1BL	1	·	-4S4		1	1	·				1						
		1WH	2	·	-4S4		2	2	·				2						
		2BL	11	·	-4S4		11	3	·				11						
		2WH	12	·	-4S4		12	4	·				12						
		3BL	21	·	-4S4		21	5	·				21						
		3WH	22	·	-4S4		22	6	·				22						
		4BL		·				7	·										
		4WH		·				8	·										
		5BL		·				9	·										
		5WH		·				10	·										
		6BL		·				11	·										
		6WH		·				12	·										
		7BL		·				13	·										
		7WH		·				14	·										
		8WH		·				15	·										
		8WH		·				16	·										



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+44LCP-8004081-X9	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	117


= 44C-80005B
+ 44LCP-8004081
CURRENT PAGE

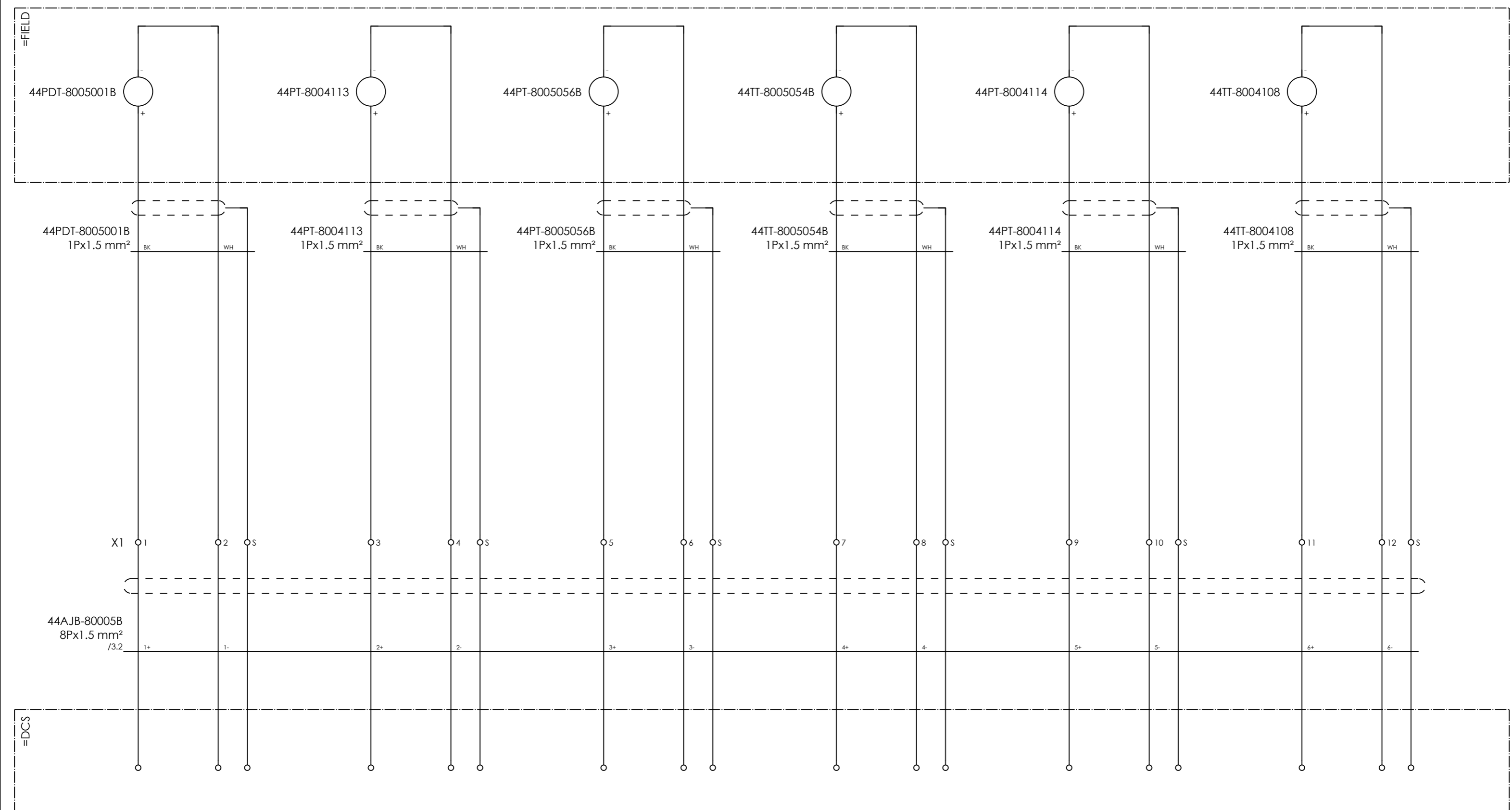
PFJBIA-80088

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	7/14/2025	CURRENT PAGE	
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			CLIENT REF.	ASPC Project		REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram		TOTAL PAGE AMOUNT	118		



INLET
DIFFERENTIAL
PRESSURE
TRANSMITTER

INLET
PRESSURE
TRANSMITTER

OIL
TEMPERATURE
TRANSMITTER

OIL
PRESSURE
TRANSMITTER

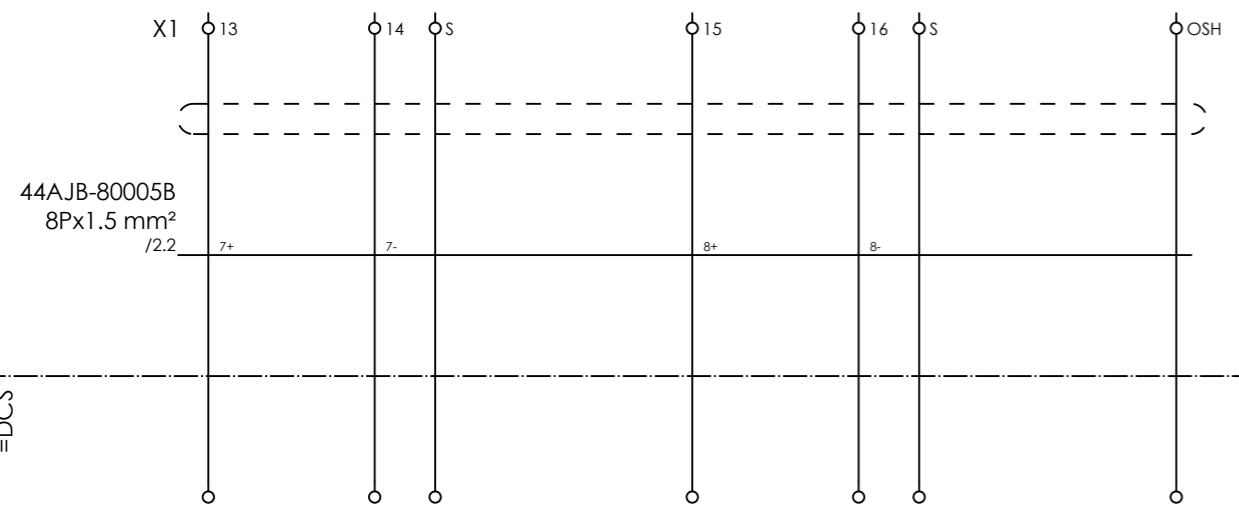
DISCHARGE
PRESSURE
TRANSMITTER

DISCHARGE
TEMPERATURE
TRANSMITTER



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT TRANSMITTERS		DRAWN BY	RTR	= 44C-80005B
EQUIPMENT NO.	Various	ADAPTED TO P&ID REVISION	05	CHECKED BY	RBE	+ PFJBIA-80088
EQUIPMENT LOCATION	Iran, Onshore	CLIENT	Arya Sasol Polymer Company	LAST MODIFICATION DATE	7/14/2025	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	02	
				TOTAL PAGE AMOUNT	119	

=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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	120

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

Terminal diagram

Cable name	Cable name	Terminal	Connection point	Jumper	Target designation	Target designation	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point	Connection point			
-44PDT-8005001B	1Px1.5 mm²	BK	WH																																			
-44PT-8004113	1Px1.5 mm²			BK	WH																																	
-44PT-8005056B	1Px1.5 mm²					BK	WH																															
-44TT-8005054B	1Px1.5 mm²							BK	WH																													
-44PT-8004114	1Px1.5 mm²									BK	WH																											
Strip =44C-80005B+PFJBIA-80088-X1 CONNECTION TRANSMITTERS	Connection point	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+		
	Target designation	=FIELD-44PDT-8005001B	=FIELD-44PDT-8005001B	=FIELD-44PT-8004113	=FIELD-44PT-8004113	=FIELD-44PT-8005056B	=FIELD-44PT-8005056B	=FIELD-44TT-8005054B	=FIELD-44TT-8005054B	=FIELD-44PT-8004114	=FIELD-44PT-8004114																											
	Jumper	·	·	·	·	·	·	·	·	·	·																											
	Terminal	1	2	3	4	5	6	7	8	9	10																											
	Connection point																																					
	Target designation																																					
	Connection point																																					
	Connection point																																					
	-44AJB-80005B	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-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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 121

= 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																										
-44AJB-80005B	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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 122

= 44C-80005B
 + PFJBIA-80088
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44LCP-8004091

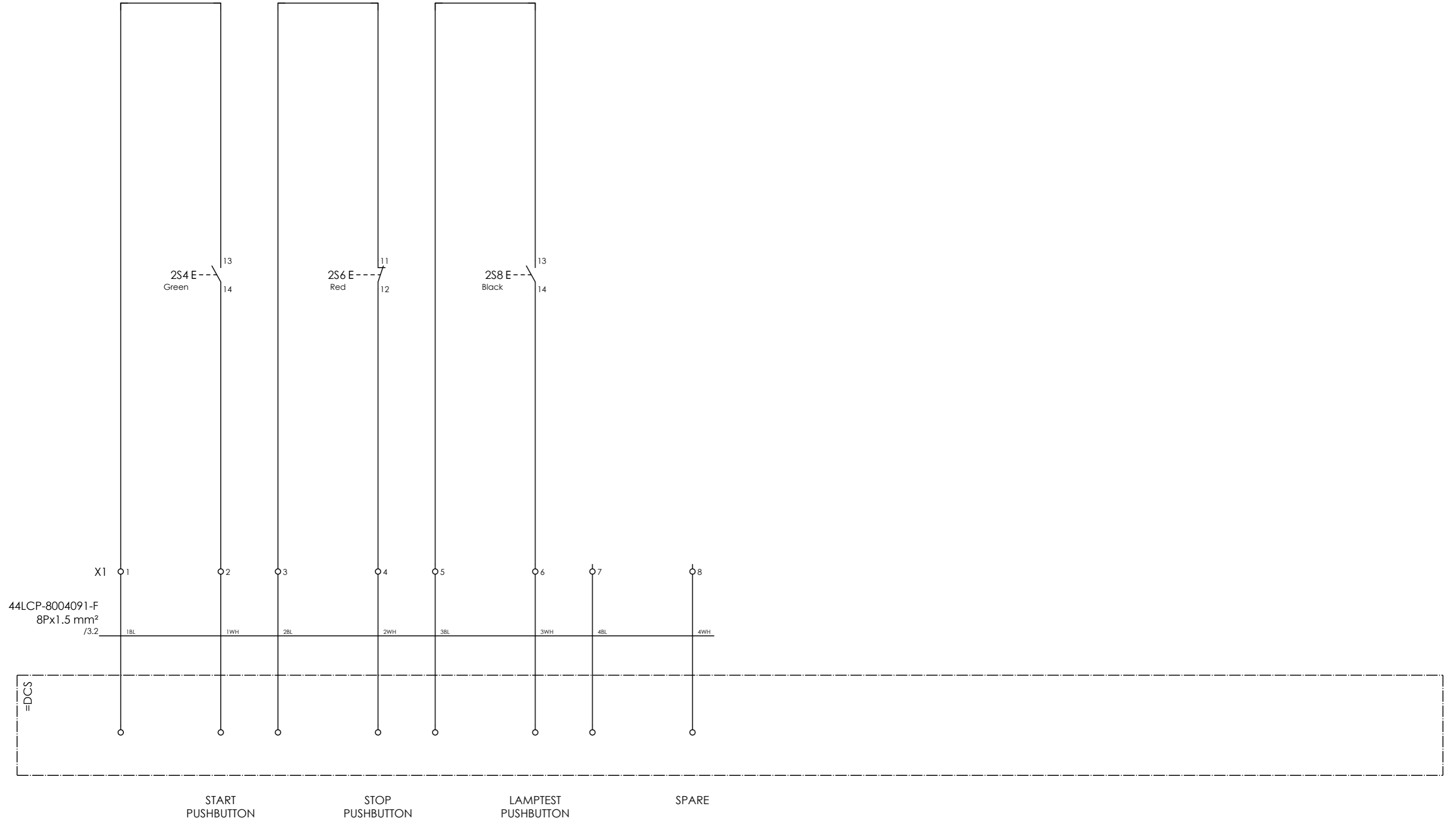
LOCAL PUSHBUTTON STATION

TERMINAL STRIP DEFINITION

X1 = CONNECTION PUSHBUTTONS & LAMPS
 X9 = CONNECTION ESD PUSHBUTTON



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	7/14/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project	REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	124	



44LCP-8004091-F
8Px1.5 mm²
/3.2

=DCS

START
PUSHBUTTON

STOP
PUSHBUTTON

LAMPTEST
PUSHBUTTON

SPARE

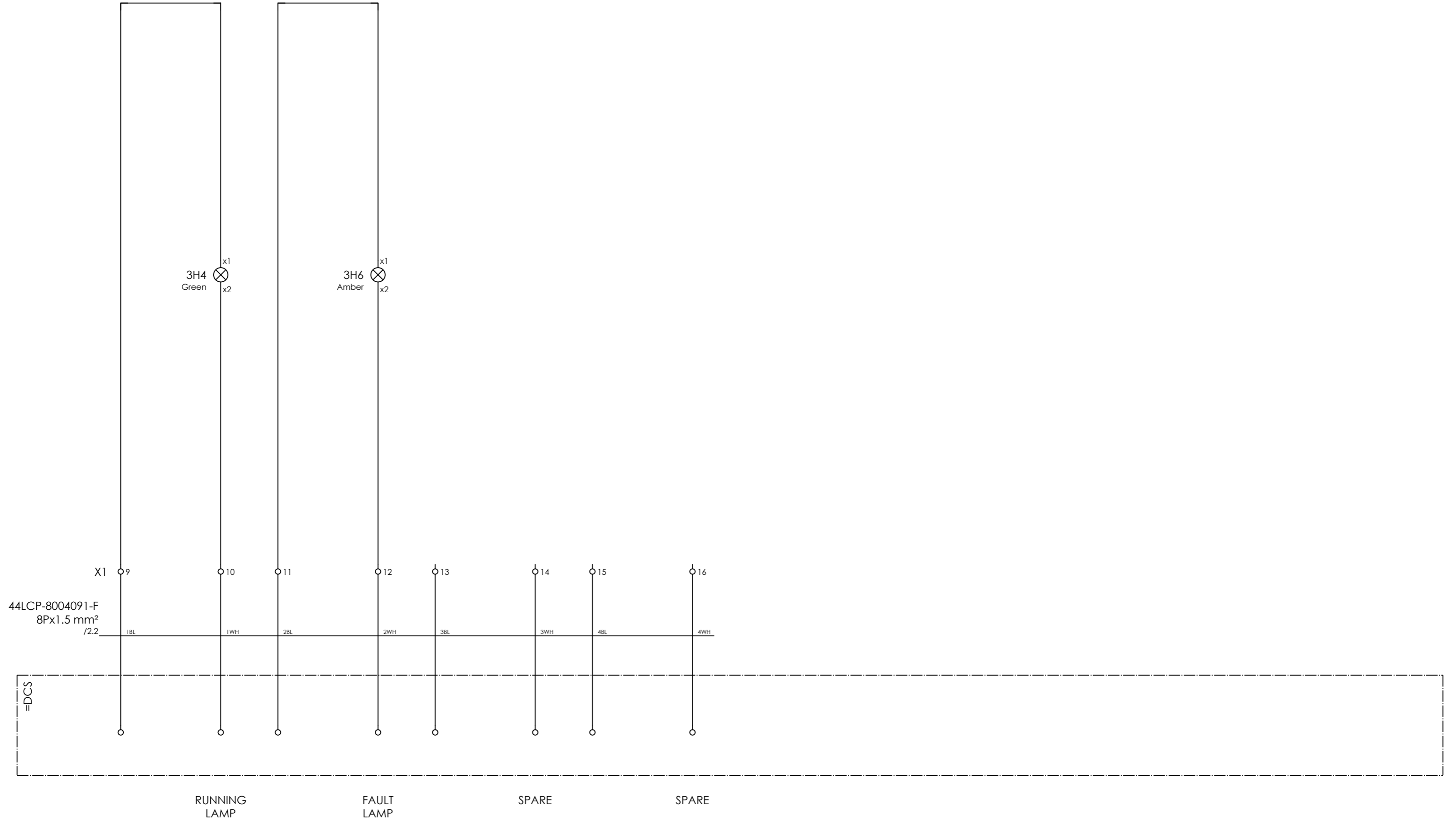


CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002
EQUIPMENT NO.	Various
EQUIPMENT LOCATION	Iran, Onshore
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SUBJECT PUSHBUTTONS	
ADAPTED TO P&ID REVISION	05
CLIENT	Arya Sasol Polymer Company
CLIENT REF.	ASPC Project
AIRPACK REF.	23383-05 Wiring Diagram

DRAWN BY	RTR
CHECKED BY	RBE
LAST MODIFICATION DATE	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	125

= 44C-80005C
+ 44LCP-8004091
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44LCP-8004091-F
8Px1.5 mm²
/2.2

=DCS

RUNNING
LAMP

FAULT
LAMP

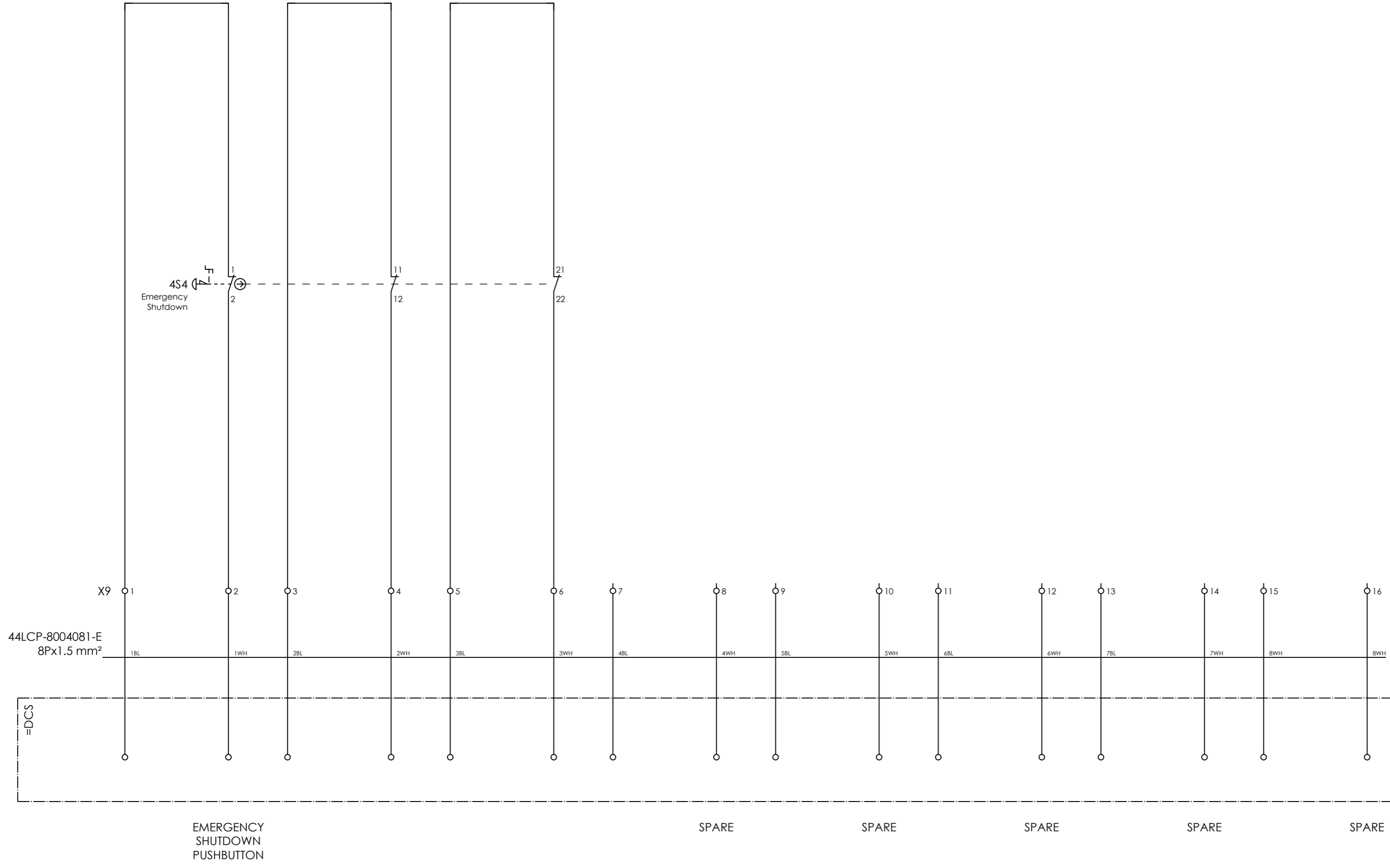
SPARE

SPARE



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	7/14/2025	CURRENT PAGE
AIRPACK DWG NO.	23383-05	
REVISION	02	
TOTAL PAGE AMOUNT	126	



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

SUBJECT ESD	
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	7/14/2025
AIRPACK DWG NO.	23383-05
REVISION	02
TOTAL PAGE AMOUNT	127

= 44C-80005C
+ 44LCP-8004091
CURRENT PAGE

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



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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 128

= 44C-80005C
 + 44LCP-8004091
 CURRENT PAGE

Terminal diagram

Cable name		Strip =44C-80005C+44LCP-8004091-X9 CONNECTION ESD PUSHBUTTON								Cable name	
Cable name		Terminal	Jumper	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name	
-44LCP-8004081-E	8Px1.5 mm²	1BL				1	•	-4S4	1		
		1WH				2	•	-4S4	2		
		2BL				3	•	-4S4	11		
		2WH				4	•	-4S4	12		
		3BL				5	•	-4S4	21		
		3WH				6	•	-4S4	22		
		4BL				7	•				
		4WH				8	•				
		5BL				9	•				
		5WH				10	•				
		6BL				11	•				
		6WH				12	•				
		7BL				13	•				
		7WH				14	•				
		8WH				15	•				
		8WH				16	•				



CLIENT DWG NO.	3944-VD-0171-DYP-RE-400-DIA-0002	SUBJECT	DRAWN BY
EQUIPMENT NO.	Various	Terminal diagram =44C-80005C+44LCP-8004091-X9	RTR
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	CHECKED BY
THIS DRAWING IS OWNED BY AIRPACK, AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION!	CLIENT	05	RBE
	CLIENT REF.	Arya Sasol Polymer Company	LAST MODIFICATION DATE
	AIRPACK REF.	ASPC Project	7/14/2025
		23383-05 Wiring Diagram	AIRPACK DWG NO.
			23383-05
			REVISION
			02
			TOTAL PAGE AMOUNT
			129
			CURRENT PAGE

PFJBIA-80089

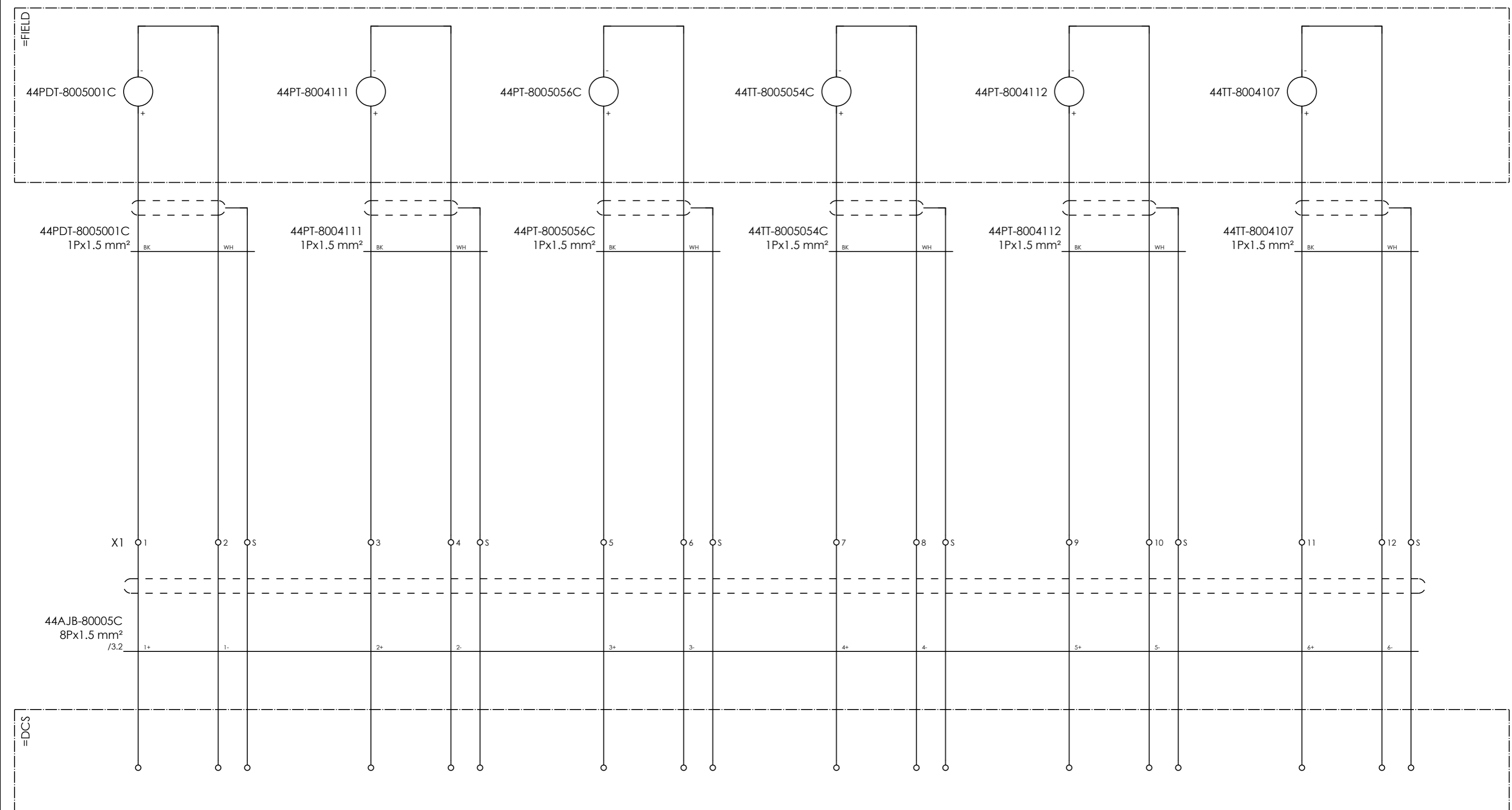
ANALOG JUNCTION BOX

TERMINAL STRIP DEFINITION


X1 = CONNECTION TRANSMITTERS



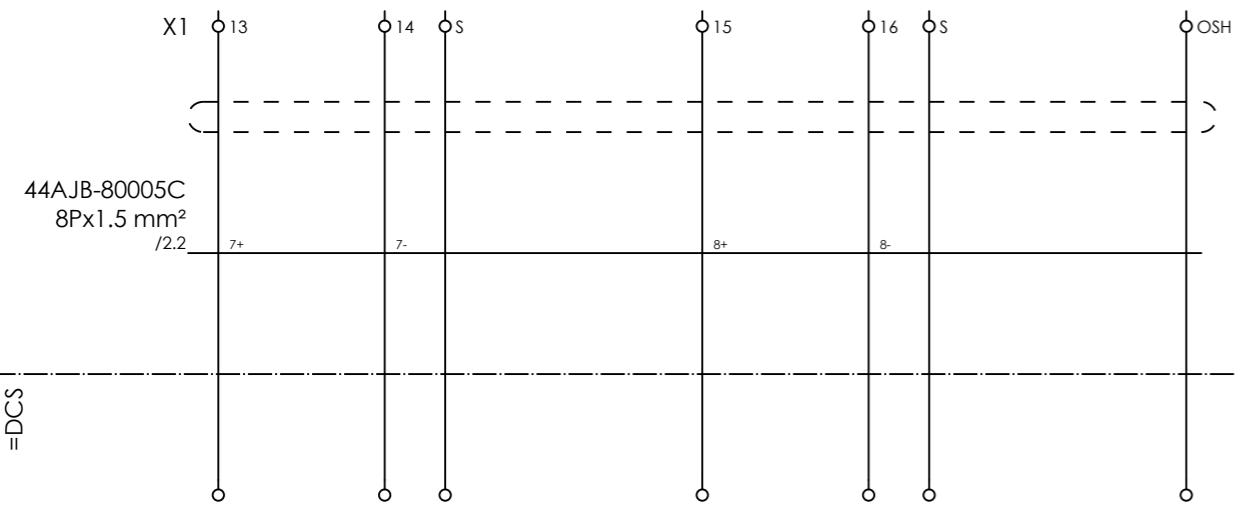
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EQUIPMENT NO.	Various	TERMINAL STRIP DEFINITION		CHECKED BY	RBE	+ PFJBIA-80089
EQUIPMENT LOCATION	Iran, Onshore	ADAPTED TO P&ID REVISION	05	LAST MODIFICATION DATE	7/14/2025	CURRENT PAGE
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		CLIENT REF.	ASPC Project	REVISION	02	
		AIRPACK REF.	23383-05 Wiring Diagram	TOTAL PAGE AMOUNT	130	



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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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Terminal diagram

Cable name	Cable name	Cable cross-section	Cable length	Cable material	Cable type	Cable status	Cable location	Cable notes
-44PT-8004111	1Px1.5 mm²	5						
Strip =44C-80005C+PFJBIA-80089-X1 CONNECTION TRANSMITTERS	Connection point							
	Target designation							
	Jumper	.						
	Terminal	S						
	Connection point							
	Target designation							
-44AJB-80005C	8Px1.5 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 7/14/2025
 AIRPACK DWG NO. 23383-05
 REVISION 02
 TOTAL PAGE AMOUNT 135

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