



ASPC Project



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

Customer Document : 3944-VD-0171-DYP-RE-400-LST-0092
Number

Airpack Document Number : 23383-36

Document Title : Alarm And Trip Set Point List

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

03	Issued for Approval	28-11-2025	OGZ	SC	JJ
02	Issued for Approval	06-10-2025	OGZ	SC	JJ
01	Issued for Approval	14-07-2025	SC	SC	JJ
00	Issued for Approval	07-05-2025	SC	SC	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by

TAG NUMBER	COMPRESSOR NO	SERVICE DESCRIPTION	INSTRUMENT TYPE	LOCATION FROM	LOCATION				SIGNAL TYPE	CALIBRATED RANGE	ENGINEERING UNIT	Normal Value	SET POINT LL	SET POINT L	SET POINT H	SET POINT HH
					TO	SYSTEM TYPE	I/O TYPE									
44PI-4001003	44C-40001A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.063	-0.047	0.013	0.113	-	
44TI-4001056	44C-40001A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44PI-4001054	44C-40001A	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44PI-4001011	44C-40001A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	1.903	-	-	2.003	2.153	
44TI-4001057	44C-40001A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	189	-	-	199	204	
44TT-4001001	44C-40001A	Enclosure Temperature	Temperature Transmitter	FLD	DCS	SAH	AI	4-20mA	0-100	°C	-	-	-	60	-	
44PI-4002003	44C-40001B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.063	-0.047	0.013	-	-	
44TI-4002056	44C-40001B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44PI-4002005	44C-40001B	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44PI-4002001	44C-40001B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	1.903	-	-	2.003	2.153	
44TI-4002057	44C-40001B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	189	-	-	199	204	
44TT-4002001	44C-40001B	Enclosure Temperature	Temperature Transmitter	FLD	DCS	SAH	AI	4-20mA	0-100	°C	-	-	-	60	-	
44PDI-8004001	44C-80001A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8004001	44C-80001A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44TI-8004041	44C-80001A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44PI-8004041	44C-80001A	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44PI-8004002	44C-80001A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	1.473	-	-	1.573	1.723	
44TI-8004001	44C-80001A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	167	-	-	177	182	
44PDI-8004002	44C-80001B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8004003	44C-80001B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44TI-8004042	44C-80001B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44PI-8001042	44C-80001B	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44PI-8004004	44C-80001B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	1.473	-	-	1.573	1.723	
44TI-8004003	44C-80001B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	167	-	-	177	182	
44TI-8004003	44C-80002A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8004005	44C-80002A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44PI-8004002	44C-80002A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	0.983	-	-	1.083	1.233	
44TI-8004005	44C-80002A	Discharge temperature	Temperature transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	154	-	-	164	169	
44TI-8004004	44C-80002B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8004009	44C-80002B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44PI-8004010	44C-80002B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	0.983	-	-	1.083	1.233	
44TI-8004007	44C-80002B	Discharge temperature	Temperature transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	154	-	-	164	169	
44PDI-8004005	44C-80004A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8004013	44C-80004A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44TI-8004043	44C-80004A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44PI-8004043	44C-80004A	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44PI-8004014	44C-80004A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	2.213	-	-	2.313	2.463	
44TI-8004009	44C-80004A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	205	-	-	215	220	
44PDI-8004006	44C-80004B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8004016	44C-80004B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44TI-8004044	44C-80004B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44PI-8004044	44C-80004B	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44PI-8004017	44C-80004B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	2.213	-	-	2.313	2.463	
44TI-8004011	44C-80004B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	205	-	-	215	220	
44PDI-8005001	44C-80005A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8005001	44C-80005A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44TI-8005041	44C-80005A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44-PI-8005041	44C-80005A	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44-PI-8005002	44C-80005A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	1.423	-	-	1.523	1.673	
44-TI-8005001	44C-80005A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	164	-	-	174	179	
44PDI-8005002	44C-80005B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8005004	44C-80005B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44TI-8005042	44C-80005B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44-PI-8005042	44C-80005B	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44-PI-8005005	44C-80005B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	1.423	-	-	1.523	1.673	
44-TI-8005003	44C-80005B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	164	-	-	174	179	
44PDI-8005003	44C-80005C	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 - 1	bar	0	-	-	0.045	-	
44PI-8005006	44C-80005C	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 1	bar.g	0.013	-0.097	-0.037	-	-	
44TI-8005043	44C-80005C	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	55	-	-	90	100	
44-PI-8005043	44C-80005C	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 - 5	bar.g	2.5	1.8	1.9	-	-	
44-PI-8005007	44C-80005C	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 - 5	bar.g	1.423	-	-	1.523	1.673	
44-TI-8005004	44C-80005C	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 - 300	°C	164	-	-	174	179	