



# ASPC Project



<b>END CUSTOMER</b>	: Arya Sasol Polymer Company
<b>CONTRACTOR</b>	: DYPNF Co., Ltd.
<b>VENDOR NAME</b>	: Airpack Netherlands BV
<b>EQUIPMENT DESCRIPTION</b>	: Screw Compressor & Roots Blower
<b>PURCHASE ORDER NUMBER</b>	: 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"/>	<b>Code 1</b> <b>REJECTED</b> - Vendor to revise and Resubmit. Work cannot proceed		
<input type="checkbox"/>	<b>Code 2</b> Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments		
<input type="checkbox"/>	<b>Code 3</b> No Comments - Work may proceed.		
<input type="checkbox"/>	<b>Code 4</b> Information only - Review not required.		

06	Issued for Approval	30-04-2026	SC	SC	JJ
05	Issued for Approval	10-04-2026	SC	SC	JJ
04	Issued for Approval	26-03-2026	OGZ	SC	JJ
03	Issued for Approval	28-11-2025	OGZ	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	0.173	
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	2	-	-	
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	-	
44TE-4001061	44C-40001A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-4001062	44C-40001A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-4001063	44C-40001A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-4001064	44C-40001A	Motor bearing temperature		FLD	DCS	SAHH	AI	RTD	80	°C					90	
44PI-4002003	44C-40001B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4~20mA	-1 - 1	bar.g	0.063	-0.047	0.013	0.113	0.173	
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	2	-	-	
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	-	
44TE-4002061	44C-40001B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-4002062	44C-40001B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-4002063	44C-40001B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-4002064	44C-40001B	Motor bearing temperature		FLD	DCS	SAHH	AI	RTD	80	°C					90	
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	2	-	-	
44PI-8004002	44C-80001A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4~20mA	-1 - 5	bar.g	1.473	-	-	1.573	2.073	
44TI-8004001	44C-80001A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4~20mA	-50 - 300	°C	167	-	-	177	182	
44TE-8004061	44C-80001A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004062	44C-80001A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004063	44C-80001A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004064	44C-80001A	Motor bearing temperature		FLD	DCS	SAHH	AI	RTD	80	°C					90	
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	2	-	-	
44PI-8004004	44C-80001B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4~20mA	-1 - 5	bar.g	1.473	-	-	1.573	2.073	
44TI-8004003	44C-80001B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4~20mA	-50 - 300	°C	167	-	-	177	182	
44TE-8004065	44C-80001B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004066	44C-80001B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004067	44C-80001B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004068	44C-80001B	Motor bearing temperature		FLD	DCS	SAHH	AI	RTD	80	°C					90	
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	1.05	
44TI-8004005	44C-80002A	Discharge temperature	Temperature transmitter	FLD	DCS	SAHH	AI	4~20mA	-50 - 300	°C	154	-	-	164	169	
44TE-8004069	44C-80002A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004070	44C-80002A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004071	44C-80002A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004072	44C-80002A	Motor bearing temperature		FLD	DCS	SAHH	AI	RTD	80	°C					90	
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	1.05	
44TI-8004007	44C-80002B	Discharge temperature	Temperature transmitter	FLD	DCS	SAHH	AI	4~20mA	-50 - 300	°C	154	-	-	164	169	
44TE-8004073	44C-80002B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004074	44C-80002B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004075	44C-80002B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004076	44C-80002B	Motor bearing temperature		FLD	DCS	SAHH	AI	RTD	80	°C					90	
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	2	-	-	
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	
44TE-8004077	44C-80004A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004078	44C-80004A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004079	44C-80004A	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	
44TE-8004080	44C-80004A	Motor bearing temperature		FLD	DCS	SAHH	AI	RTD	80	°C					90	
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	2	-	-	
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	
44TE-8004081	44C-80004B	Motor winding temperature		FLD	DCS	SAHH	AI	RTD		°C					145	

44TE-8004082	44C-80004B	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8004083	44C-80004B	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8004084	44C-80004B	Motor bearing temperture		FLD	DCS	SAHH	AI	RTD	80	°C						90
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	2		-	-
44-PI-8005002	44C-80005A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4~20mA	-1 - 5	bar.g	1.423	-	-		1.523	2.023
44-TI-8005001	44C-80005A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4~20mA	-50 - 300	°C	164	-	-		174	179
44TE-8005061	44C-80005A	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005062	44C-80005A	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005063	44C-80005A	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005064	44C-80005A	Motor bearing temperture		FLD	DCS	SAHH	AI	RTD	80	°C						90
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	2		-	-
44-PI-8005005	44C-80005B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4~20mA	-1 - 5	bar.g	1.423	-	-		1.523	2.023
44-TI-8005003	44C-80005B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4~20mA	-50 - 300	°C	164	-	-		174	179
44TE-8005065	44C-80005B	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005066	44C-80005B	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005067	44C-80005B	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005068	44C-80005B	Motor bearing temperture		FLD	DCS	SAHH	AI	RTD	80	°C						90
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	2		-	-
44-PI-8005007	44C-80005C	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4~20mA	-1 - 5	bar.g	1.423	-	-		1.523	2.023
44-TI-8005004	44C-80005C	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4~20mA	-50 - 300	°C	164	-	-		174	179
44TE-8005069	44C-80005C	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005070	44C-80005C	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005071	44C-80005C	Motor winding temperture		FLD	DCS	SAHH	AI	RTD		°C						145
44TE-8005072	44C-80005C	Motor bearing temperture		FLD	DCS	SAHH	AI	RTD	80	°C						90