



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.		

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	TAG NUMBER (IO List)	COMPRESSOR NO	SERVICE DESCRIPTION	INSTRUMENT TYPE	LOCATION FROM	LOCATION			SIGNAL TYPE	CALIBRATED RANGE	ENGINEER ING UNIT	Normal Value	SET POINT LL	SET POINT L	SET POINT H	SET POINT HH
						TO	SYSTEM TYPE	I/O TYPE								
44PI-4001003	44 PT - 40010 03	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	44 TT - 40010 56	44C-40001A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44PI-4001054	44 PT - 40010 54	44C-40001A	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 -5	bar.g	2.5	1.8	1.9	-	-
44PI-4001011	44 PT - 40010 11	44C-40001A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	1.903	-	-	2.003	2.153
44TI-4001057	44 TT - 40010 57	44C-40001A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	189	-	-	199	204
44TI-4001001	44 TT - 40010 01	44C-40001A	Enclosure Temperature	Temperature Transmitter	FLD	DCS	SAH	AI	4-20mA	0-100	°C	-	-	-	TBD	-
44PI-4002003	44 PT - 40020 03	44C-40001B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.063	-0.047	0.013	-	-
44TI-4002056	44 TT - 40020 56	44C-40001B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44PI-4002005	44 PT - 40020 05	44C-40001B	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 -5	bar.g	2.5	1.8	1.9	-	-
44PI-4002001	47 PT - 40020 01	44C-40001B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	1.903	-	-	2.003	2.153
44TI-4002057	44 TT - 40020 57	44C-40001B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	189	-	-	199	204
44TI-4002001	44 TT - 40020 01	44C-40001B	Enclosure Temperature	Temperature Transmitter	FLD	DCS	SAH	AI	4-20mA	0-100	°C	-	-	-	TBD	-
44PDI-8004001	44PDT - 80010 01A	44C-80001A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8004001	44 PT - 80040 01	44C-80001A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44TI-8004041	44 TT - 80040 41	44C-80001A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44PI-8004041	44 PT - 80040 41	44C-80001A	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 -5	bar.g	2.5	1.8	1.9	-	-
44PI-8004002	47 PT - 80010 01	44C-80001A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	1.473	-	-	1.573	1.723
44TI-8004001	44 TT - 80010 57	44C-80001A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	167	-	-	177	182
44PDI-8004002	44PDT - 80010 01B	44C-80001B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8004003	44 PT - 80040 03	44C-80001B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44TI-8004042	44 TT - 80010 56B	44C-80001B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44PI-8001042	44 PT - 80010 54B	44C-80001B	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 -5	bar.g	2.5	1.8	1.9	-	-
44PI-8004004	47 PT - 80010 04	44C-80001B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	1.473	-	-	1.573	1.723
44TI-8004003	44 TT - 80010 03	44C-80001B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	167	-	-	177	182
44TI-8004003	44PDT - 80020 01A	44C-80002A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8004005	44PT - 80040 05	44C-80002A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44PI-8004002	44PT - 80040 06	44C-80002A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	0.983	-	-	1.083	1.233
44TI-8004005	44TT-8004005	44C-80002A	Discharge temperature	Temperature transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	154	-	-	164	169
44TI-8004004	44PDT - 80020 01B	44C-80002B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8004009	44PT - 80040 09	44C-80002B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44PI-8004010	44PT - 80040 10	44C-80002B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	0.983	-	-	1.083	1.233
44TI-8004007	44TT-8004007	44C-80002B	Discharge temperature	Temperature transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	154	-	-	164	169
44PDI-8004005	44PDT - 80040 01A	44C-80004A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8004013	44PT - 80041 01	44C-80004A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44TI-8004043	44TT - 80040 56A	44C-80004A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44PI-8004043	44PT - 80040 54A	44C-80004A	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 -5	bar.g	2.5	1.8	1.9	-	-
44PI-8004014	44PT - 80041 02	44C-80004A	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	2.213	-	-	2.313	2.463
44TI-8004009	44TT - 80041 01	44C-80004A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	205	-	-	215	220
44PDI-8004006	44PDT - 80040 01B	44C-80004B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8004016	44PT - 80041 05	44C-80004B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44TI-8004044	44TT - 80040 56B	44C-80004B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44PI-8004044	44PT - 80040 54B	44C-80004B	Oil Pressure	Pressure Transmitter	FLD	DCS	SAHH	AI	4-20mA	-1 -5	bar.g	2.5	1.8	1.9	-	-
44PI-8004017	44PT - 80041 06	44C-80004B	Discharge Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -5	bar.g	2.213	-	-	2.313	2.463
44TI-8004011	44TT - 80041 03	44C-80004B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	205	-	-	215	220
44PDI-8005001	44PDT - 80050 01A	44C-80005A	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8005001	44PT - 80041 07	44C-80005A	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44TI-8005041	44TT - 80050 56A	44C-80005A	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44-PI-8005041	44-PT - 80050 54A	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	44-PI-80041 08	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	44-TI-80041 05	44C-80005A	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	164	-	-	174	179
44PDI-8005002	44PDT - 80050 01B	44C-80005B	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8005004	44PT - 80041 13	44C-80005B	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44TI-8005042	44TT - 80050 56B	44C-80005B	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44-PI-8005042	44-PT - 80050 54B	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	44-PI-80041 14	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	44-TI-80041 08	44C-80005B	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	164	-	-	174	179
44PDI-8005003	44PDT - 80050 01C	44C-80005C	Inlet Differential Pressure	Differential Pressure Transmitter	FLD	DCS	SAH	AI	4-20mA	-1 -1	bar	0	-	-	0.4	-
44PI-8005006	44PT - 80041 11	44C-80005C	Inlet Pressure	Pressure Transmitter	FLD	DCS	SAL	AI	4-20mA	-1 -1	bar.g	0.013	-0.097	-0.037	-	-
44TI-8005043	44TT - 80050 56C	44C-80005C	Oil Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	55	-	-	90	100
44-PI-8005043	44-PT - 80050 54C	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	44-PI-80041 12	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	44-TI-80041 07	44C-80005C	Discharge Temperature	Temperature Transmitter	FLD	DCS	SAHH	AI	4-20mA	-50 -300	°C	164	-	-	174	179