



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-0011
Number

Airpack Document Number : 23383-09

Document Title : Utility Consumption

Please fill out the attached format.

Please fill out the 'Later by Vendor' section.(Effic'y & PF)

Review Code and Status		Contractor Initials/Signature	Date signed
<input checked="" type="checkbox"/>	Code 1 REJECTED - Vendor to revise and Resubmit. Work cannot proceed		11 Sep 2025
<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	10-09-2025	SC	KP	JJ
02	Issued for Approval	08-08-2025	SC	KP	JJ
01	Issued for Approval	26-06-2025	SC	KP	JJ
00	Issued for Approval	17-03-2025	SC	KP	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by

ELECTRICAL LOAD LIST



No.	Item No.	Description	Q'ty	Operation Mode			Emergency Supply	Voltage	Phase	Freq	Rated Power	Shaft Power	Effic'y	PF	Remarks
				C	I	S	O/X								
	Compressor														
1	44C-40001A/B-M1	Compressor Main Drive Motor	2	2			X	6000	3	50	440	356	-	-	
2		Space Heater for Main Motor	2	2			X	230	1	50	0.173	0.173	-	-	
3	44C-40002A/B-M2	Compressor Enclosure fan motor	2	2			X	380	3	50	3	2.31	-	-	
4	44LPS-40001A/B	N2 Compressor LPS	UPS Power									-	-	-	
5			Normal Power	2	2			X	230	1	50	1	-	-	-
6	44C-40001A/B-M3	Oil demister motor	2	2			X	230	1	50	0.37	0.37	-	-	
7	44P-40001A/B	Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
8	44C-80001A/B-M1	Compressor Main Drive Motor	2	2			X	6000	3	50	250	196	-	-	
9		Space Heater for Main Motor	2	2			X	230	1	50	0.173	0.173	-	-	
10	44C-80001A/B-M2	Compressor Enclosure fan motor	2	2			X	380	3	50	3	2.31	-	-	
11	44LPS-80001A/B	Air Compressor LPS	UPS Power									-	-	-	
12			Normal Power	2	2			X	230	1	50	1	-	-	-
13	44C-80001A/B-M3	Oil demister motor	2	2			X	230	1	50	0.37	0.37	-	-	
14	44P-80001A/B	Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
15	44C-80002A/B-M1	Roots blower Main Drive Motor	2	2			X	6000	3	50	250	193	-	-	
16		Space Heater for Main Motor	2	2			X	230	1	50	0.173	0.173	-	-	
17	44C-80002A/B-M2	Roots blower enclosure fan motor	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
18	44LPS-80002A/B	Roots blower LPS	UPS Power									-	-	-	
19			Normal Power	2	2			X	230	1	50	1	-	-	-
20	44P-80002A/B	Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
21	44C-80004A/B-M1	Compressor Main Drive Motor	2	2			X	6000	3	50	590	479	-	-	
22		Space Heater for Main Motor	2	2			X	230	1	50	0.173	0.173	-	-	
23	44C-80004A/B-M2	Compressor enclosure fan motor	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
24	44LPS-80004A/B	Air Compressor LPS	UPS Power									-	-	-	
25			Normal Power	2	2			X	230	1	50	1	-	-	-
26	44C-80004A/B-M3	Oil demister motor	2	2			X	230	1	50	0.37	0.37	-	-	
27	44P-80004A/B	Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
28	44C-80005A/B/C-M1	Compressor Main Drive Motor	3	2	1		X	6000	3	50	250	197	-	-	
29		Space Heater for Main Motor	3	2	1		X	230	1	50	0.173	0.173	-	-	
30	44C-80005A/B/C-M2	Compressor enclosure fan motor	3	2	1		X	380	3	50	3	2.31	-	-	
31	44LPS-80005A/B/C	Air Compressor LPS	UPS Power									-	-	-	
32			Normal Power	3	2	1		X	230	1	50	1	-	-	-
33	44C-80005A/B/C-M3	Oil demister motor	2	2			X	230	1	50	0.37	0.37	-	-	
34	44P-80005A/B	Oil Pump	3	2	1		X	-	-	-	-	-	-	-	Driven through gearbox

ELECTRICAL LOAD LIST



No.	Item No.	Description	Q'ty	Operation Mode			Emergency Supply	Voltage	Phase	Freq	Rated Power	Shaft Power	Effic'y	PF	Remarks
				C	I	S	O/X	[V]	1/3	[hz]	[kW]	[kW]	[%]	[%]	

Note 1. Legend ; C : Continuous, I : Intermittent, S : Stand-by