



# 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 Number      Document :    3944-VD-0171-DYP-RE-400-LST-0011

Airpack Document Title: Electric Load List / Lubricant List to be submitted and filled up in the attached Excel File

Review Code and Status	Contractor Initials/Signature	Date signed
<input checked="" type="checkbox"/> <b>Code 1</b> <b>REJECTED</b> - Vendor to revise and Resubmit. Work cannot proceed		26 Mar 2025
<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.		

00	Issued for Approval	17-03-2025	SC	KP	JJ
Rev. No.	Description	Date	Prepared by	Checked by	Approved by

Please fill in the Later section and the Cloud Mark section.  
Add Oil Demister Motor Infrom



(General)  
Tag number should be added for each item.

### ELECTRICAL LOAD LIST

No.	Item No.	Description	Q'ty	Operation Mode			Emergency Supply	Voltage [V]	Phase 1/3	Freq [hz]	Rated Power [kW]	Shaft Power [kW]	Effic'y [%]	PF [%]	Remarks
				C	I	S	O/X								
<b>Compressor</b>															
6	44C-40001A/B	Compressor Main Drive Motor	2	2			X	6000	3	50	440	356	-	-	
7		Space Heater for Main Motor	2	2			X	230	1	50	Later	Later	-	-	
		Compressor Enclosure fan motor	2	2			X	380	3	50	Later	Later	-	-	
8		N2 Compressor LPS	UPS Power	2	2			X	230	1	50	1	-	-	
9			Normal Power	2	2			X	230	1	50	1	-	-	
10		Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
6	44C-80001A/B	Compressor Main Drive Motor	2	2			X	6000	3	50	250	196	-	-	
7		Space Heater for Main Motor	2	2			X	230	1	50	Later	Later	-	-	
		Compressor Enclosure fan motor	2	2			X	380	3	50	Later	Later	-	-	
8		Air Compressor LPS	UPS Power	2	2			X	230	1	50	1	-	-	
9			Normal Power	2	2			X	230	1	50	1	-	-	
10		Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
11	44C-80002A/B	Roots blower Main Drive Motor	2	2			X	6000	3	50	250	193	-	-	
12		Space Heater for Main Motor	2	2			X	230	1	50	Later	Later	-	-	
		Roots blower enclosure fan motor	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
13		Roots blower LPS	UPS Power	2	2			X	230	1	50	1	-	-	
14			Normal Power	2	2			X	230	1	50	1	-	-	
15		Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
16	44C-80004A/B	Compressor Main Drive Motor	2	2			X	6000	3	50	560	479	-	-	
17		Space Heater for Main Motor	2	2			X	230	1	50	Later	Later	-	-	
		Compressor enclosure fan motor	2	2			X	380	3	50	Later	Later	-	-	
18		Air Compressor LPS	UPS Power	2	2			X	230	1	50	1	-	-	
19			Normal Power	2	2			X	230	1	50	1	-	-	
20		Oil Pump	2	2			X	-	-	-	-	-	-	-	Driven through gearbox
21	44C-80005A/B/C	Compressor Main Drive Motor	3	2	1		X	6000	3	50	250	197	-	-	
22		Space Heater for Main Motor	3	2	1		X	230	1	50	Later	Later	-	-	
		Compressor enclosure fan motor	3	2	1		X	380	3	50	Later	Later	-	-	
23		Air Compressor LPS	UPS Power	3	2	1		X	230	1	50	1	-	-	
24			Normal Power	3	2	1		X	230	1	50	1	-	-	
25		Oil Pump	3	2	1		X	-	-	-	-	-	-	-	Driven through gearbox

This item can be evaluated once the compressor LCP data is received. However, since the compressor is controlled by the plant DCS, it is assumed that there is no controller built into the compressor's LCP.