



# 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-0011  
Number

Airpack Document Number : 23383-09

Document Title : Utility Consumption

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="text"/>	<input type="text"/>
<input type="checkbox"/>	<b>Code 2</b> Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<b>Code 3</b> No Comments - Work may proceed.	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<b>Code 4</b> Information only - Review not required.	<input type="text"/>	<input type="text"/>

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									[V]
	<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

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