



LIDCO, Pars SEE Zone, Assaluyeh,  
Integrated Methanol and Ammonia  
Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT



I/O List

Document No. 17735-06

Page

Project No.	Vendor Doc.	P.O. No.	Department	Document Type	Serial No	Revision	Page
N278	VD	6019	IN	LIS	0006	01	Page 1 of 3

**Airpack B.V. - Air Compressor –  
Integrated Methanol and Ammonia Plant  
17735-COM I/O List (K020)**

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
01	10-11-2023	Issued for Approval	T.T.	S.K.	J.J.

This document has been produced by Contractor for LIDCO. It is confidential and cannot be disclosed to or used by any third party for any purpose without prior written consent.

I/O List

Document No. 17735-06

Page

Project No.	Vendor Doc.	P.O. No.	Department	Document Type	Serial No	Revision	Page
N278	VD	6019	IN	LIS	0006	01	Page 2 of 3

LIST OF REVISED PAGES

Rev. Page	01	02	03	04	05	Rev. Page	01	02	03	04	05	Rev. Page	01	02	03	04	05	Rev. Page	01	02	03	04	05
1	X					26						51						76					
2	X					27						52						77					
3	X					28						53						78					
4						29						54						79					
5						30						55						80					
6						31						56						81					
7						32						57						82					
8						33						58						83					
9						34						59						84					
10						35						60						85					
11						36						61						86					
12						37						62						87					
13						38						63						88					
14						39						64						89					
15						40						65						90					
16						41						66						91					
17						42						67						92					
18						43						68						ATTACHMENT					
19						44						69						1					
20						45						70						2					
21						46						71						3					
22						47						72						4					
23						48						73						5					
24						49						74						6					
25						50						75						7					

TAG NUMBER	SERVICE DESCRIPTION	INSTRUMENT TYPE	LOCATION	PID NUMBER	SYSTEM TYPE	I/O TYPE	SIGNAL TYPE	CALIBRATED ENGINEERING		STATE 0	STATE 1	SET POINT		SET POINT		FROM	TO	PROCESS CONNECTION	TW	ISOLATION VALVE	PROTOCOL	EX CLASS	
								RANGE	UNIT			POINT L	POINT H	POINT L	POINT H								
320-PT-8201	Pressure transmitter package inlet	TRANSMITTER	JB-8201	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	bar(g)			40	50	JB-8201	DCS	1/2" NPT						HART	
320-TT-8201	Temperature transmitter package inlet	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	°C			145	165	JB-8201	DCS	3/4" NPT	YES					HART	
320-TT-8202	Temperature transmitter 1st stage discharge	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	°C			23	24	JB-8201	DCS	1/2" NPT	YES					HART	
320-PT-8202	Pressure transmitter 2nd stage suction	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	bar(g)					70	JB-8201	DCS	3/4" NPT	YES				HART	
320-TT-8203	Temperature transmitter 2nd stage suction	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	°C			105	125	JB-8201	DCS	3/4" NPT	YES					HART	
320-TT-8204	Temperature transmitter 2nd stage discharge	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	°C					JB-8201	DCS	3/4" NPT	YES					HART	
320-PT-8205	Temperature transmitter package outlet	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	°C					JB-8201	DCS	3/4" NPT	YES					HART	
320-PT-8203	Pressure transmitter package outlet	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	bar(g)			25		33	JB-8201	DCS	1/2" NPT					HART	
320-PT-8204	Pressure transmitter oil system	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD	bar(g)					JB-8201	DCS	1/2" NPT						HART	
320-PCV-8201	Pressure Control Valve Bypass	CONTROL VALVE	FIELD	N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AO	4-20 mA	TBD	bar(g)					JB-8201	DCS	1 1/2" 300# RF						HART	
320-XL-8201	Running Light	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DO	VDC	NA	NA	Stopped	Running	-	-	-	-	LCP-8201	DCS	-					
320-XL-8202	Operational Light	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DO	VDC	NA	NA	Fault	Operational	-	-	-	-	LCP-8201	DCS	-					
320-XL-8203	Common Alarm Light	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DO	VDC	NA	NA		Running	-	-	-	-	LCP-8201	DCS	-					
320-XL-8204	Common Tripp Light	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DO	VDC	NA	NA		Fault	-	-	-	-	LCP-8201	DCS	-					
320-HS-8201	Start Pushbutton	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DI	VDC	NA	NA		Start	-	-	-	-	DCS	LCP-8201	-					
320-HS-8202	Stop Pushbutton	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DI	VDC	NA	NA		Stop	-	-	-	-	DCS	LCP-8202	-					
320-HS-8203	Emergency Stop Pushbutton	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DI	VDC	NA	NA		Stop	-	-	-	-	DCS	LCP-8203	-					
320-HS-8204	Local / Remote Switch Pushbutton	SIGNAL	FIELD	N-278-VD-6019-PR-PID-0002-01	DCS	DI	VDC	NA	NA		Local	-	-	-	-	DCS	LCP-8204	-					