

 <p>شرکت توسعه صنایع لوان Lavan Industry Development Company</p>	<p><b>LIDCO, Pars SEE Zone, Assaluyeh, Integrated Methanol and Ammonia Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT</b></p>						
	<p><b>I/O List</b></p>						
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<p>Project No.</p>	<p>Vendor Doc.</p>	<p>P.O. No.</p>	<p>Department</p>	<p>Document Type</p>	<p>Serial No</p>	<p>Revision</p>	<p>Page</p>
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**Airpack B.V. - Air Compressor –  
Integrated Methanol and Ammonia Plant  
17735-COM I/O List (K020)**

code-3  
M. Vakili

Final Approval of P&ID document is the prerequisite for checking the I/O List Document. Therefore, Plz the next revision of this document should be sent after the Approval of PID documents.

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

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I/O List

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please clarify compressor system type

This data should be included in data sheet document not in index (Process connection, TW and isolation valve column). Please remove it from this document

NC/NO, redundancy ,IS/NIS, DCS/ESD column should be added the table.

Should be revised according to comments of PID (Rename Tag)

TAG NUMBER	SERVICE DESCRIPTION	INSTRUMENT TYPE	Field	PID NUMBER	SYSTEM TYPE	I/O TYPE	SET POINT	SET POINT	SET POINT	FROM	TO	PROCESS CONNECTION	TW	VALVE	PROTOCOL	EX CLASS	
																	SET POINT
320-PT-8201	Pressure transmitter package inlet	TRANSMITTER		N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	7.5	12		JB-8201	DCS	1/2" NPT				HART	
320-TT-8201	Temperature transmitter package inlet	TRANSMITTER		N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	145	165		JB-8201	DCS	3/4" NPT	YES			HART	
320-TT-8202	Temperature transmitter 1st stage discharge	TRANSMITTER		N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	23	24		JB-8201	DCS	1/2" NPT				HART	
320-PT-8202	Pressure transmitter 2nd stage suction	TRANSMITTER		N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD °C		JB-8201	DCS	3/4" NPT	YES			HART	
320-TT-8203	Temperature transmitter 2nd stage suction	TRANSMITTER		N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD °C		JB-8201	DCS	3/4" NPT	YES			HART	
320-TT-8204	Temperature transmitter 2nd stage discharge	TRANSMITTER		N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	105	125		JB-8201	DCS	3/4" NPT	YES			HART	
320-TT-8205	Temperature transmitter package outlet	TRANSMITTER		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		N-278-VD-6019-PR-PID-0002-01	COMPRESSOR	AI	4-20 mA	TBD bar(g)		JB-8201	DCS	1/2" NPT				HART	
320-PT-8204	Pressure transmitter oil system	TRANSMITTER		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		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		N-278-VD-6019-PR-PID-0002-01	DCS	DO	24 VDC	NA	Stopped	Running	-	-	-	-	LCP-8201	DCS	-
320-XL-8202	Operational Light	SIGNAL		N-278-VD-6019-PR-PID-0002-01	DCS	DO	24 VDC	NA	Fault	Operational	-	-	-	-	LCP-8201	DCS	-
320-XL-8203	Common Alarm Light	SIGNAL		N-278-VD-6019-PR-PID-0002-01	DCS	DO	24 VDC	NA	NA	Running	-	-	-	-	LCP-8201	DCS	-
320-XL-8204	Common Tripp Light	SIGNAL		N-278-VD-6019-PR-PID-0002-01	DCS	DO	24 VDC	NA	NA	Fault	-	-	-	-	LCP-8201	DCS	-
320-HS-8201	Start Pushbutton	SIGNAL		N-278-VD-6019-PR-PID-0002-01	DCS	DI	24 VDC	NA	NA	Start	-	-	-	-	DCS	LCP-8201	-
320-HS-8202	Stop Pushbutton	SIGNAL		N-278-VD-6019-PR-PID-0002-01	DCS	DI	24 VDC	NA	NA	Stop	-	-	-	-	DCS	LCP-8202	-
320-HS-8203	Emergency Stop Pushbutton	SIGNAL		N-278-VD-6019-PR-PID-0002-01	DCS	DI	24 VDC	NA	NA	Stop	-	-	-	-	DCS	LCP-8203	-
320-HS-8204	Local / Remote Switch Pushbutton	SIGNAL		N-278-VD-6019-PR-PID-0002-01	DCS	DI	24 VDC	NA	NA	Local	-	-	-	-	DCS	LCP-8204	-

all interface signals and commands between mcc and local panel to be added