

 <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>																				
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Revision	03																				

**Airpack B.V. - Air Compressor –  
Integrated Methanol and Ammonia Plant  
17735-COM Instrument Index (K020)**

Code 2  
M.Dalakeh

03	21-05-2024	Issued for Approval	S.K.	S.K.	J.J.
02	18-04-2024	Issued for Approval	S.C.	S.K.	J.J.
01	09-11-2023	Issued for Approval	T.T.	S.K.	J.J.
REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

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TAG NUMBER	INSTRUMENT TYPE	LOCATION	P&ID NUMBER	LINE/EQUIPMENT NUMBER	SYSTEM TYPE	I/O TYPE	SIGNAL TYPE	CALIBRATED		ENGINEER		PROCESS				INSTRUMENT		S&B	TYPE B&B	TW	PROTOCOL	PANEL OR LOCAL MOUNTED	MANUFACTURER	MODEL	DCS/ESD	EX CLASS
								RANGE	UNIT	SET POINT L	SET POINT LL	SET POINT H	SET POINT HH	CONNECTION	CONNECTION											
320PT-8201	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	1"-IA-320-012-D42-N	COMPRESSOR	AI	ANALOG	0-16	bar(g)		7.5		12		1/2"NPT	1/2"NPT	YES	2-WAY		HART	PANEL MOUNTED		DCS	Safe Area		
320SV-8201	SAFETY VALVE	FIELD	N-278-VD-6019-PR-PID-0002-01	1"-IA-320-012-D42-N	COMPRESSOR	-									1 1/2" 300# RF	1 1/2" 300# RF										
320TT-8201	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01		COMPRESSOR	AI	ANALOG	0-100	°C				50		3/4"NPT	1 1/2" 300# RF			320-TW-8201	HART			DCS			
320TG-8206	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01		COMPRESSOR	AI	ANALOG	0-100	°C						3/4"NPT	1 1/2" 300# RF					LOCAL MOUNTED					
320SV-8202	SAFETY VALVE	FIELD	N-278-VD-6019-PR-PID-0002-01		COMPRESSOR	-									3/4" 300# RF	3/4" 300# RF										
320TT-8202	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01		COMPRESSOR	AI	ANALOG	0-250	°C	145			165		3/4"NPT	1 1/2" 300# RF			320-TW-8202	HART			DCS			
320TG-8207	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01		COMPRESSOR	AI	ANALOG	0-300	°C						3/4"NPT	1 1/2" 300# RF			320-TW-8207	HART	LOCAL MOUNTED					
320PT-8202	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	3/4"-IA-320-05-D42-N	COMPRESSOR	AI	ANALOG	0-40	bar(g)			19	15.5		1/2"NPT	1/2"NPT	YES	2-WAY		HART	PANEL MOUNTED			DCS		
320TT-8203	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	DAMPENER KV-020-003	COMPRESSOR	AI	ANALOG	0-250	°C				65	70	3/4"NPT	1 1/2" 300# RF			320-TW-8203	HART	LOCAL MOUNTED			DCS		
320SV-8203	SAFETY VALVE	FIELD	N-278-VD-6019-PR-PID-0002-01	DAMPENER KV-020-004	COMPRESSOR	-									3/4" 300# RF	3/4" 300# RF										
320TT-8204	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	DAMPENER KV-020-004	COMPRESSOR	AI	ANALOG	0-160	°C	105			125		3/4"NPT	1 1/2" 300# RF			320-TW-8204	HART	LOCAL MOUNTED			DCS		
320TG-8208	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01	DAMPENER KV-020-004	COMPRESSOR	-		0-200	°C						3/4"NPT	1 1/2" 300# RF			320-TW-8208	HART						
320TT-8205	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	4"-IA-320-08-D42-N	COMPRESSOR	AI	ANALOG	0-160	°C			65	70		3/4"NPT	1 1/2" 300# RF			320-TW-8205	HART	LOCAL MOUNTED			DCS		
320TG-8209	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01	4"-IA-320-08-D42-N	COMPRESSOR	AI	ANALOG	0-200	°C						3/4"NPT	1 1/2" 300# RF			320-TW-8209	HART	LOCAL MOUNTED					
320TG-8203	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01	4"-IA-320-08-D42-N	COMPRESSOR	-		0-60	bar(g)						1/2"NPT	1/2"NPT	YES	2-WAY			PANEL MOUNTED					
320PT-8203	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	3/4"-IA-320-10-D42-N	COMPRESSOR	AI	ANALOG	0-60	bar(g)			25		34	1/2"NPT	1/2"NPT	YES	2-WAY		HART			DCS			
320TG-8204	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01	3/4"-CWS-320-20-B24C-N	COMPRESSOR	-		0-10	bar(g)						1/2"NPT	1/2"NPT	YES	2-WAY								
320TG-8210	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01	4"-CWR-320-24-B24C-N	COMPRESSOR	-		0-100	°C						3/4"NPT	1 1/2" 300# RF			320-TW-8210	HART	LOCAL MOUNTED					
320TG-8211	GAUGE	FIELD	N-278-VD-6019-PR-PID-0002-01	4"-CWR-320-22-B24C-N	COMPRESSOR	-		0-100	°C						3/4"NPT	1 1/2" 300# RF			320-TW-8211	HART	LOCAL MOUNTED					
320SV-8204	SAFETY VALVE	FIELD	N-278-VD-6019-PR-PID-0002-01	3/4"-CWR-320-26-B24C-N	COMPRESSOR	-									1 1/2" 300# RF	1 1/2" 300# RF										
320TT-8204	TRANSMITTER	FIELD	N-278-VD-6019-PR-PID-0002-01	OIL PUMP	COMPRESSOR	AI	ANALOG	3-5	bar(g)						1/2"NPT	1/2"NPT	YES	2-WAY		HART			DCS			
320CV-8201	CONTROL VALVE	FIELD	N-278-VD-6019-PR-PID-0002-01	3/4"-IA-320-11-D42-N	COMPRESSOR	AI	ANALOG								1 1/2" 300# RF	1/4"NPT					LOCAL MOUNTED					
320PZLC-8201	CONTROL POSITIONER	FIELD	N-278-VD-6019-PR-PID-0002-01	3/4"-IA-320-11-D42-N	COMPRESSOR	AI	ANALOG																			

(Comment on rev 03 PID and as per spec of project. ) All dash "-" should be removed.

Should be modified

For more information see hook-up drawings: N-278-VD-6019-IN-DWG-6035-1  
For more information see instrument datasheets: N-278-VD-6019-IN-D5-0013