



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



Instrument Index

Document No. 17735-35

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

code-3  
M. Vakili

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
01	09-11-2023	Issued for Approval	T.T.	S.K.	J.J.

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This data is not required in this document

thermowell tag should be mentioned.

TAG NUMBER	TAG NUMBER DCS	STATE 1	SET POINT L	SET POINT LL	SET POINT H	SET POINT HH	ORIFICE SIZE	GLAND SIZE	CABLE TAG	FROM	TO	PROCESS CONNECTION	INSTRUMENT CONNECTION	B&B	TYPE B&B	ISOLATION VALVE	PROTOCOL	PANEL OR LOCAL MOUNTED	MANUFACTURER	MODEL	EX CLASS
320-PT-8201			25		125							1/2"NPT	1/2"NPT	YES	2-WAY		HART	FIELD MOUNTED			E'Exd
320-PG-8201												1/2"NPT	1/2"NPT	YES	2-WAY			PANEL MOUNTED			
320-PSV-8201												1 1/2" 300# RF	1 1/2" 300# RF								
320-TT-8201			40		50							3/4"NPT	1 1/2" 300# RF			YES	HART	FIELD MOUNTED			
320-TG-8201												3/4"NPT	1 1/2" 300# RF			YES		LOCAL MOUNTED			
320-PSV-8202												3/4" 300# RF	3/4" 300# RF								
320-TT-8202			145		165							3/4"NPT	1 1/2" 300# RF			YES	HART	FIELD MOUNTED			
320-TG-8202												3/4"NPT	1 1/2" 300# RF			YES		LOCAL MOUNTED			
320-PG-8202												1/2"NPT	1/2"NPT	YES	2-WAY			PANEL MOUNTED			
320-PT-8202			19	15.5								1/2"NPT	1/2"NPT	YES	2-WAY		HART	FIELD MOUNTED			
320-TT-8203					65							3/4"NPT	1 1/2" 300# RF			YES	HART	LOCAL MOUNTED			
320-PSV-8203												3/4" 300# RF	3/4" 300# RF								
320-TT-8204			105		125							3/4"NPT	1 1/2" 300# RF			YES	HART	LOCAL MOUNTED			
320-TG-8203												3/4"NPT	1 1/2" 300# RF			YES		FIELD MOUNTED			
320-TT-8205					65							3/4"NPT	1 1/2" 300# RF			YES	HART	LOCAL MOUNTED			
320-TG-8204												3/4"NPT	1 1/2" 300# RF			YES		LOCAL MOUNTED			
320-PG-8203												1/2"NPT	1/2"NPT	YES	2-WAY			PANEL MOUNTED			
320-PT-8203			25									1/2"NPT	1/2"NPT	YES	2-WAY		HART	FIELD MOUNTED			
320-PG-8204												1/2"NPT	1/2"NPT	YES	2-WAY			PANEL MOUNTED			
320-TG-8205												3/4"NPT	1 1/2" 300# RF			YES		FIELD MOUNTED			
320-PSV-8204												1 1/2" 300# RF	1 1/2" 300# RF								
320-PT-8204												1/2"NPT	1/2"NPT	YES	2-WAY		HART	FIELD MOUNTED			
320-PCV-8201												1 1/2" 300# RF	1/4"NPT								

unit of measurement shall be specified (e.g. "barg")

Has discrepancy with PID Set point HH=34barg

-Discrepancy with PID Document  
 -All set point should be same in Instrument list, PID and IO list document. Compliance of documents is one of the vendor's responsibilities.

**General Comments :**  
 - 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.  
 - Instrument Type , PID No.,Data sheet No.,Hook up No., Line/Equipment No., EX Certificate, System(DCS/ESD), Unit , Cal. range, Oper. Range,service, IO Type column should be added the list.