








OWNER: 	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							EPC CONTRACTOR:  Chagalesh-Eserchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	Instrument hook-up drawing for reciprocating compressor								
MC:   شرکت سفت و سوی توسعه ایرانیان	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-38	BU	20	VD	303	IN	DWG	0033	Rev.:	Page
								00	1 of 10

- Summary BOM table shall be prepared.
- Items code no. shall be unique.





Drawing shall be match the title of the project title block

This document is checked only for compressor 7080. New document should be generated for compressor 1002.

Instrument hook-up drawing for reciprocating compressor

  BUSHEHR PETROCHEMICAL COMPANY MEG PLANT	
Document Review	
Issue Purpose:	FA
Result Code: AP,AN,CM,RE,NC	CM
Next Status : IFC,IFA,IFI,AFC,AB	IFA
Responsible Department	MECHANICAL
Commented Date	May.05.2021
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.	

00	08/12/2020	For approval	WZ	KP	PW	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
						Class: 1 Phase: 1p

OWNER  شرکت پتروشیمی بوته‌ر	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							EPC CONTRACTOR: 	
	Instrument hook-up drawing for reciprocating compressor								
MC :   شرکت سفت و سوی توسعه ایرانیان	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-38	BU	20	VD	303	IN	DWG	0033	Rev.:	Page
								00	2 of 10

TABULATION OF REVISED PAGES

Page	D00	D01	D02	D03	D04
1.	X				
2.	X				
3.	X				
4.	X				
5.	X				
6.	X				
7.	X				
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BILL OF MATERIALS				
ITEM NO:	DESCRIPTION	MATERIAL	Q'TY	
1	PRESSURE DIFFERENTIAL GAUGE	SS316	1	
2	PROCESS CONNECTION 1/4" NPT-F	SS316	1	
3	CONNECTOR DOUBLE COMPRESSION TYPE 1/4" NPT-M - 1/4" OD	SS316	12	
4	TUBING 1/4" OD	SS316	-	
5	2-WAY BALL VALVE 1/4" NPT F	SS316	1	
6	5-WAY BLOCK & BLEED MANIFOLD	SS316	1	

For process connection refer to comments on data sheet.

to be corrected to 1/2"

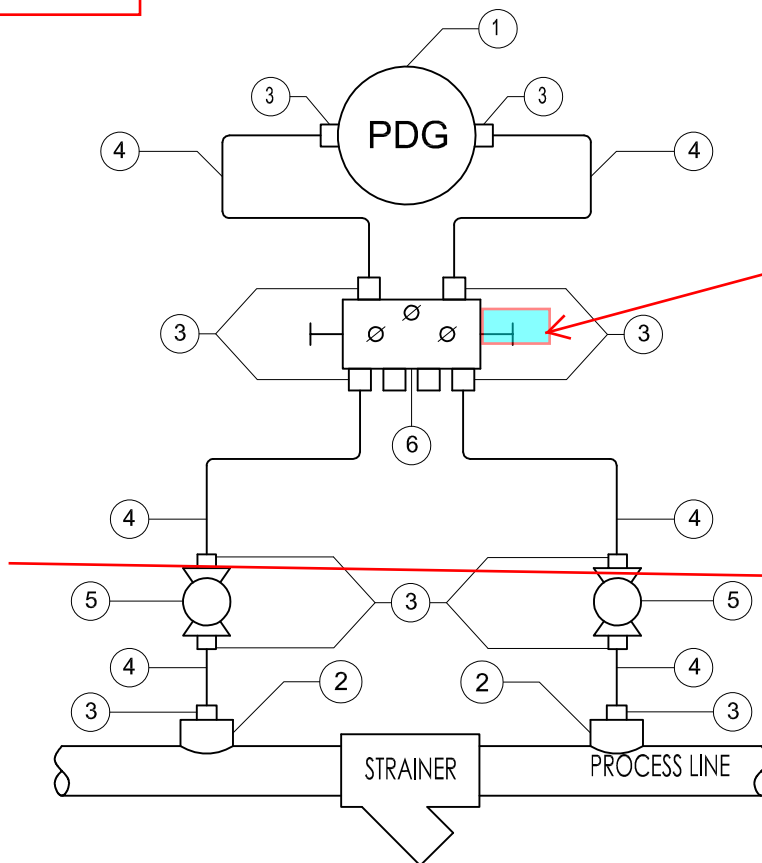
TAG NO: PDG-10001 / PDG-70001

general comment: tag names to be corrected as per PID.

Please note attached hook up of project and correct all items accordingly.

INSTALLATIONS: 2

PRESSURE DIFFERENTIAL GAUGE



general comment: tube and cap to be considered for drain /vent of manifold.

IN
PI

general comment: piping/instrument battery limit to be indicated. (in this doc only inst items to be mentioned in BOM table and related items of piping department to be mentioned in other docs)



SUBJECT	INSTRUMENT DETAIL HOOK-UP DRAWINGS		DATE	07-12-2020	THIS DRAWING AND PRINT IN A THAN P.E.	
CLIENT	Bushehr Petrochemical Company (BUPC)	DRAWN BY	WZ	PLANT LOCATION		IRAN, ONSHORE
CLIENT REF	17811	CHECKED BY	KP			SCALE
AIRPACK REF	17811-COM	DRAWING NO.	17811-38	MODIFICATIONS		SHEET

BILL OF MATERIALS

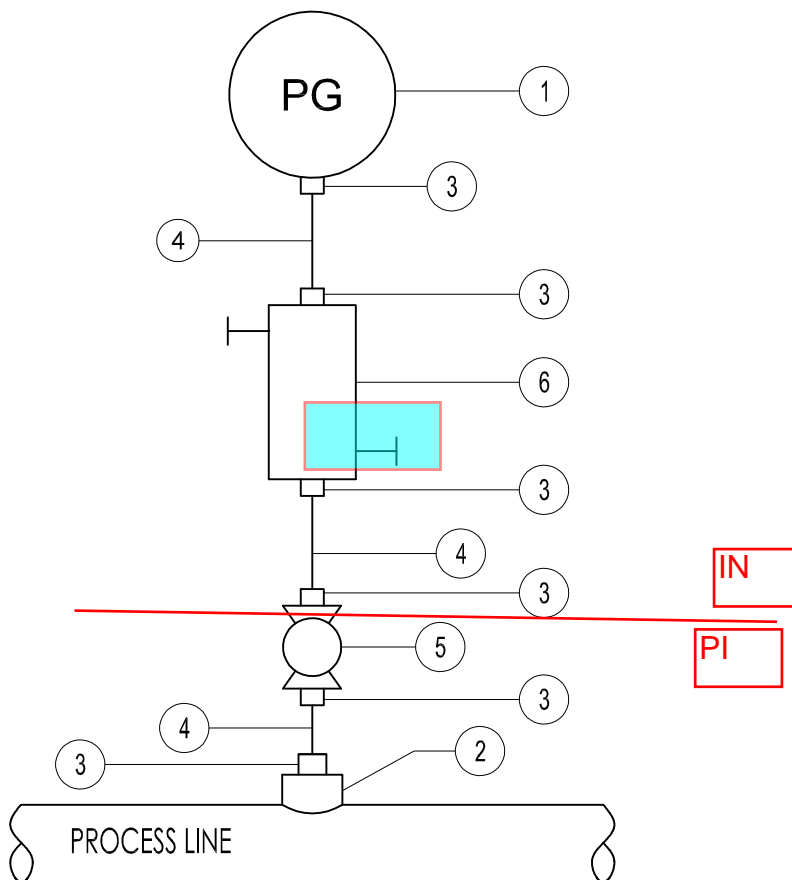
ITEM NO:	DESCRIPTION	MATERIAL	Q'TY
1	PRESSURE GAUGE	SS316	1
2	PROCESS CONNECTION 1/2" NPT-F	SS316	6
3	CONNECTOR DOUBLE COMPRESSION TYPE 1/2" NPT-M - 1/2" OD	SS316	1
4	TUBING 1/2" OD	SS316	1
5	2-WAY BALL VALVE 1/2" NPT-F	SS316	1
6	2-WAY BLOCK & BLEED MANIFOLD	SS316	1

TAG NO: PG-10001 / PG-10002 / PG-10003 / PG-10005 / PG-10006
 PG-70001 / PG-70002 / PG-70003 / PG-70005 / PG-70006

QTY of all instruments to be in accordance with PID and data sheet.

NS: 10

PRESSURE GAUGE



SUBJECT	INSTRUMENT DETAIL HOOK-UP DRAWINGS	DATE	07-12-2020	THIS DRAWING IS OWNED BY AIRPACK AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION			
		DRAWN BY	WZ				
CLIENT	Bushehr Petrochemical Company (BUPC)	CHECKED BY	KP	PLANT LOCATION	IRAN, ONSHORE		
CLIENT REF	17811	SCALE	-			00	07-12-2020
AIRPACK REF	17811-CDM	DRAWING NO.	17811-38	MODIFICATIONS		SHEET	02/08

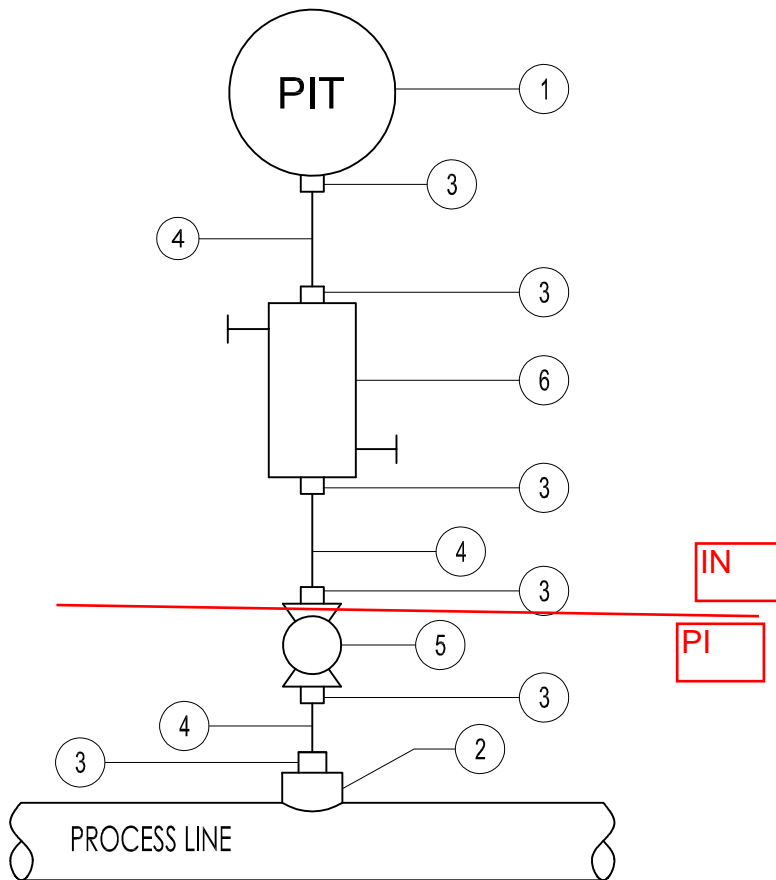
BILL OF MATERIALS

ITEM NO:	DESCRIPTION	MATERIAL	Q'TY
1	PRESSURE GAUGE	SS316	1
2	PROCESS CONNECTION 1/2" NPT-F	SS316	6
3	CONNECTOR DOUBLE COMPRESSION TYPE 1/2" NPT-M - 1/2" OD	SS316	1
4	TUBING 1/2" OD	SS316	1
5	2-WAY BALL VALVE 1/2" NPT-F	SS316	1
6	2-WAY BLOCK & BLEED MANIFOLD	SS316	1

TAG NO: PIT-10003 / PIT-10004 / PIT-10007
 PIT-70003 / PIT-70004 / PIT-70007

NO. OF INSTALLATIONS: 6

PRESSURE GAUGE



SUBJECT	INSTRUMENT DETAIL HOOK-UP DRAWINGS		DATE	07-12-2020	THIS DRAWING IS OWNED BY AIRPACK AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION	
	CLIENT	Bushehr Petrochemical Company (BUPC)	DRAWN BY	WZ		
CLIENT REF	17811	CHECKED BY	KP	PLANT LOCATION		IRAN, ONSHORE
AIRPACK REF	17811-CDM	SCALE	-	MODIFICATIONS		
		DRAWING NO.	17811-38	SHEET		04/08

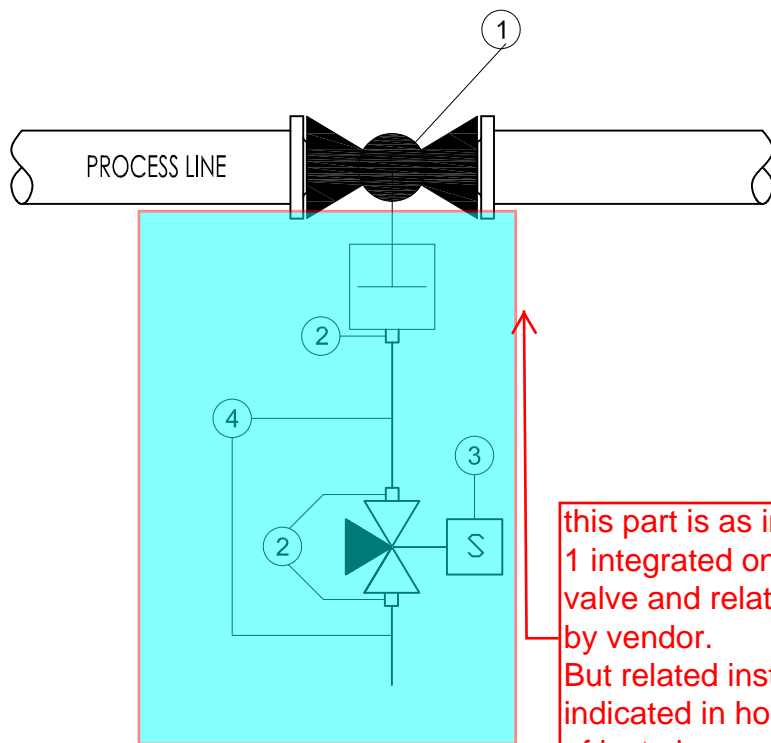
BILL OF MATERIALS

ITEM NO:	DESCRIPTION	MATERIAL	Q'TY
1	2-WAY BALL VALVE 1 1/2" ANSI 150# RF	SS 316	1
2	CONNECTOR DOUBLE COMPRESSION TYPE 1/4" NPT-M - 1/4" OD	SS 316	3
3	3-WAY SOLENOID VALVE	SS 316	1
4	TUBING 1/4" OD	SS 316	2


TAG NO: XY-10002 / XY-70002

NO. OF INSTALLATIONS: 2

PNEUMATIC OPERATED BALL VALVE



this part is as internal part of valve and 1 integrated on / off valve including ball valve and related SOV will be supplied by vendor.
But related instrument air tubing to be indicated in hook up from main header of inst air.

	SUBJECT		INSTRUMENT DETAIL HOOK-UP DRAWINGS		DATE	07-12-2020	THIS DRAWING IS OWNED BY AIRPACK AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION			
	CLIENT	Bushehr Petrochemical Company (BUPC)		PLANT LOCATION	IRAN, ONSHORE					
	CLIENT REF	17811		SCALE	-					
	AIRPACK REF	17811-CDM		DRAWING NO.	17811-38			MODIFICATIONS		SHEET

