





OWNER:  شرکت مست و سویی گیس ایرانیان (سهامی خاص)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	<b>UCP/LCP/JB GENERAL ARRANGEMENT DRAWING &amp; TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCL. BOM</b>						 Netherlands		
MC :  شرکت مست و سویی گیس ایرانیان (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-07A	BU	20	VD	303	IN	DWG	0039	Rev.:	Page
								08	1 of 8

## UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCL. BOM

08	20/12/2022	As Built	SK	RB	KP	
07	28/11/2022	Approved for construction	RT	RB	KP	
06	11/11/2022	Approved for construction	RT	RB	KP	
05	30/09/202	For approval	BK	RB	KP	
04	08/08/2022	For approval	BK	RB	KP	
03	16/06/2022	For approval	BK	RB	KP	
02	14/12/2021	For approval	HT	RB	KP	
01	19/10/2021	For approval	HT	RB	KP	
00	24/11/2020	For approval	HT	RB	KP	
<b>Rev.</b>	<b>Date</b>	<b>Purpose of Issue</b>	<b>Prepared</b>	<b>Checked</b>	<b>Approved</b>	<b>AC Code</b>
					<b>Class: 1</b>	<b>Phase: P</b>



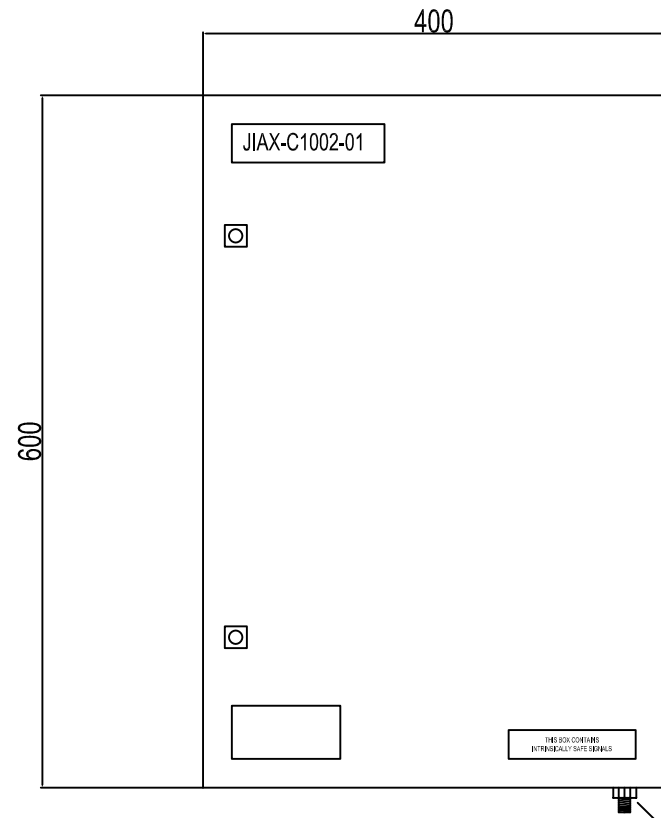






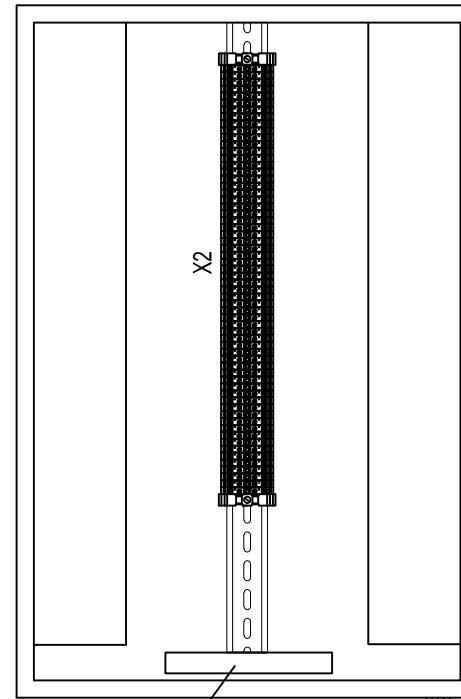
JIAX-C1002-01

FRONT SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

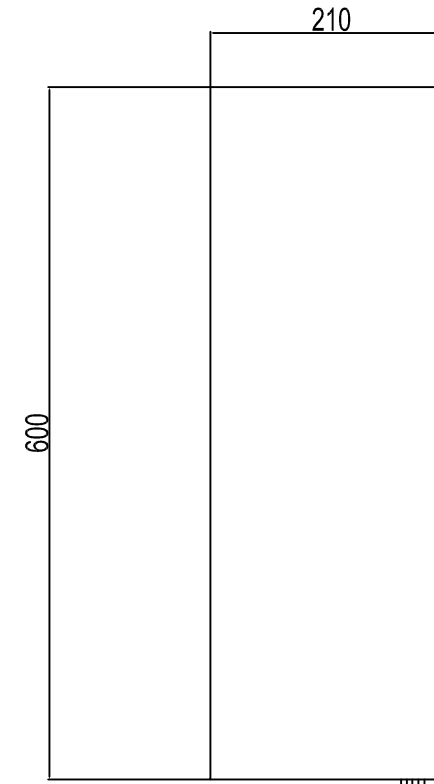
FRONT SIDE (INSIDE) VIEW



ISE Bar

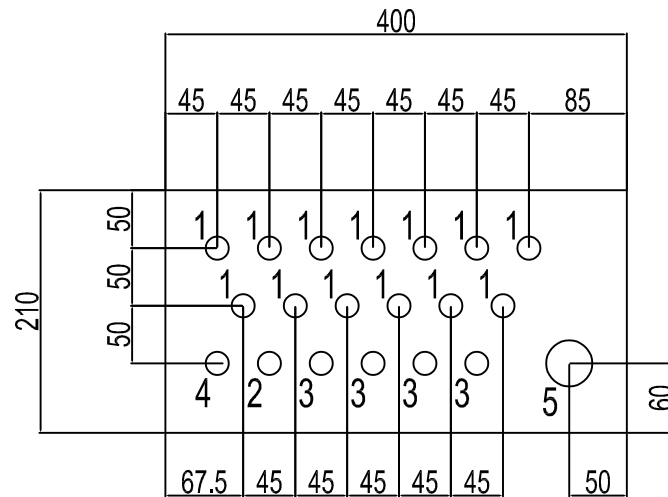
EARTHING BOSS M10

SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

BOTTOM VIEW



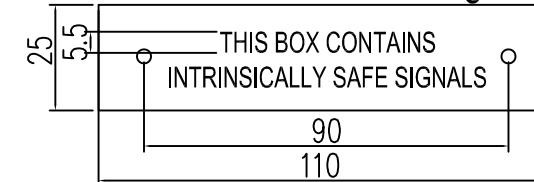
GLAND ENTRY DETAILS

- 1 = Transmitter cable - M20
- 2 = PCV cable - M20
- 3 = Spare plug - M20
- 4 = Breather / Drain - M20
- 5 = Transmitter/PCV multipair cable - M40

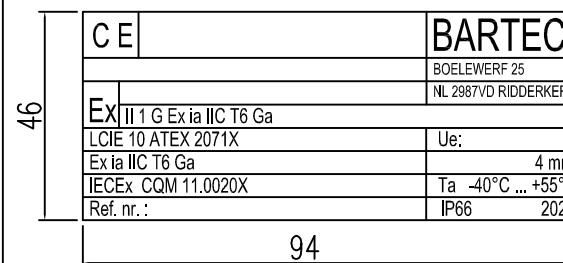
- M20: 1x (Breather)
- M20: 18x
- M40: 1x

Terminal strip: X2  
Make: Weidmuller  
Qty: 62

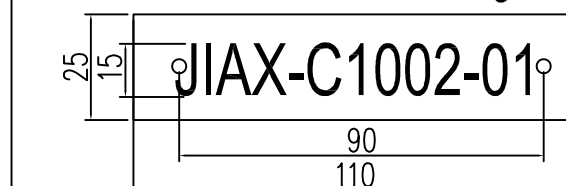
Nameplate for junction box, ABS  
Black letter on white background



NAMEPLATE, 3:1, SS316 (typical)



TAG.NO, 3:1, ABS  
Black letter on white background



GENERAL NOTES

1. Panel material: SS316
2. Ingress protection: IP-65
3. Panel dimensions: 400x600x210 mm
4. Area classification: Eex 'i' (RAL 5015) Blue
5. All spare holes are plugged with certified plugs

REFERENCE DRAWINGS	DWG.No.
WIRING DIAGRAM	BU-20-VD-303-IN-DG-0043

REV.	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
08	19/12/22	As Built	RT	RB	RB	-
07	25/11/22	Approved for Construction	RT	RB	RB	-
06	10/11/22	Approved for Construction	RT	RB	RB	-
05	26/08/22	For approval	RT	RB	RB	-
04	04/08/22	For approval	HT	RB	RB	-
03	15/06/22	For approval	HT	RB	RB	-
02	14/12/21	For approval	HT	RB	RB	-

OWNER:	MC:	CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY  
MEG PLANT

DRAWING TITLE: 17811-07A

UCP/LCP/3B GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCLUDING BILL OF MATERIALS

CONTRACT NO.	SCALE	SIZE	CLASS	PHASE
52-98/445	XX	A0	1	P

DOCUMENT NO.	PROJECT	AREA	PHASE	MIRQ No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.

OWNER DOC. NO.: BU-20-VD-303-IN-DWG-0039 4 OF 6 08

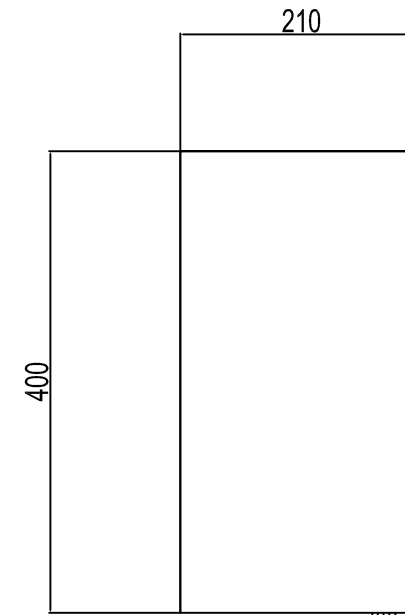
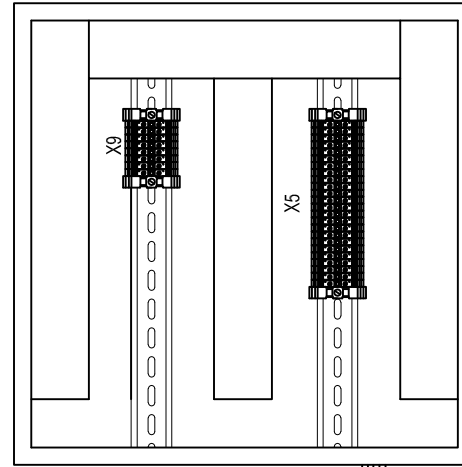
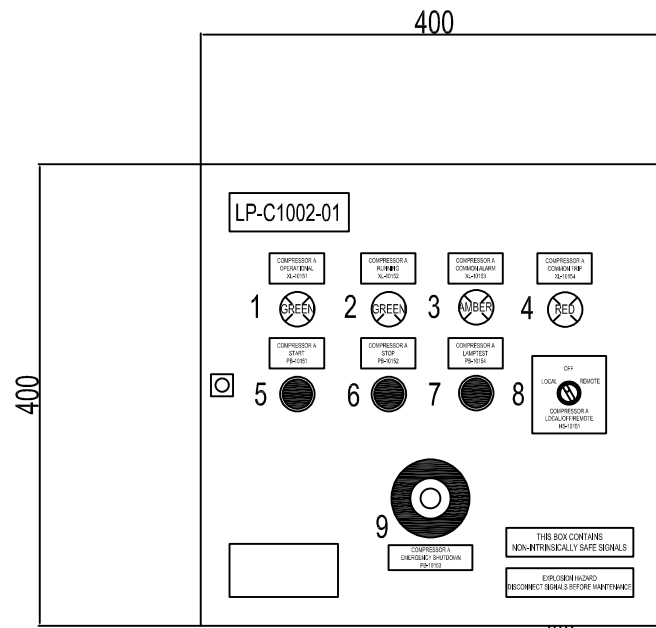


LP-C1002-01

FRONT SIDE (OUTSIDE) VIEW

FRONT SIDE (INSIDE) VIEW

SIDE (OUTSIDE) VIEW

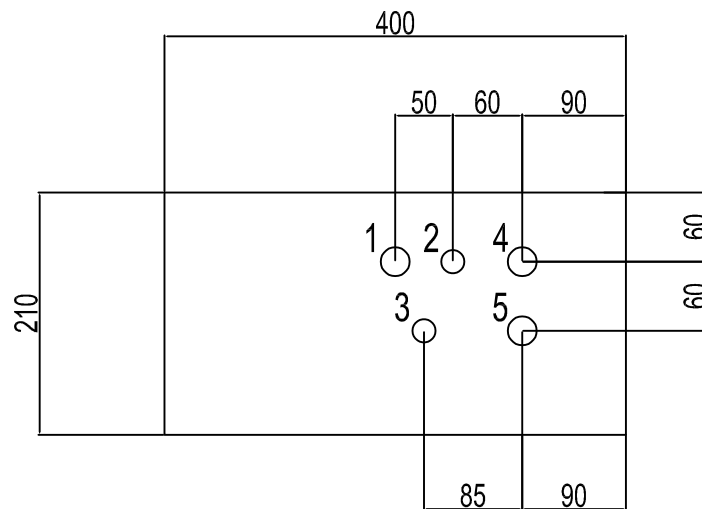


EARTHING BOSS M10

EARTHING BOSS M10

EARTHING BOSS M10

BOTTOM VIEW

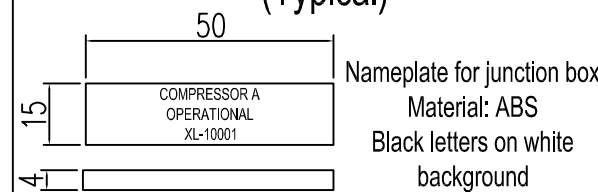


- 1 = ESD multicore cable - M25
- 2 = Spare plug - M20
- 3 = Breather / Drain - M20
- 4 = Pushbutton / Lamps multicore cable - M25
- 5 = Spare plug - M25

GLAND ENTRY DETAILS

- M20: 1x (Breather)
- M20: 1x
- M25: 3x

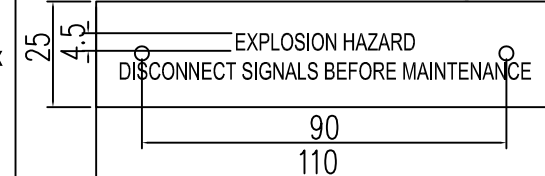
Nameplate for components on JB door (Typical)



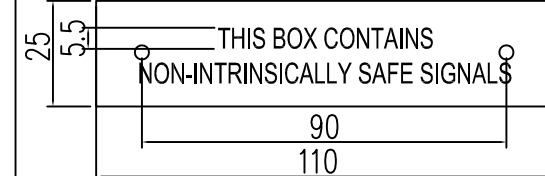
Nameplate for junction box  
Material: ABS  
Black letters on white background

Terminal strip: X5 & X9  
Make: Weidmuller  
Qty: 24 & 8

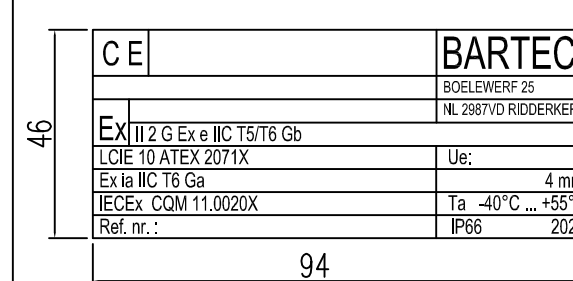
Nameplate for junction box, ABS  
White letters on red background



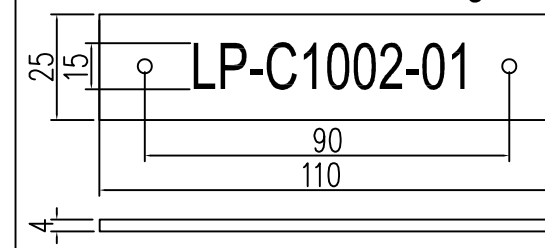
Nameplate for junction box, ABS  
White letters on red background



NAMEPLATE, 3:1, SS316 (typical)



Label, 3:1, ABS  
Black letters on white background



GENERAL NOTES

1. Panel material: SS316
2. Ingress protection: IP-65
3. Panel dimensions: 400x400x210 mm
4. Area classification: Eex 'e' (RAL 6021) Green
5. All spare holes are plugged with certified plugs
6. Additional information provided on the nameplate:
  - Protection degree panel
  - Permissible withstanding short circuit current
  - Total weight panel
  - Insulation voltage panel
  - Manufacturer date
  - Panel tag

REFERENCE DRAWINGS	DWG.No.
WIRING DIAGRAM	BU-20-VD-303-IN-DG-0043

REV.	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
08	19/12/22	As Built	RT	RB	RB	-
07	25/11/22	Approved for Construction	RT	RB	RB	-
06	10/11/22	Approved for Construction	RT	RB	RB	-
05	26/08/22	For approval	RT	RB	RB	-
04	04/08/22	For approval	HT	RB	RB	-
03	15/06/22	For approval	HT	RB	RB	-
02	14/12/21	For approval	HT	RB	RB	-

OWNER:

CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY  
MEG PLANT

DRAWING TITLE: 17811-07A  
UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCLUDING BILL OF MATERIALS

CONTRACT NO.	SCALE	SIZE	CLASS	PHASE					
52-98/445	XX	A0	1	P					
DOCUMENT NO.	PROJECT	AREA	PHASE	MRO No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.
								6 OF 6	08

OWNER DOC. NO.: BU-20-VD-303-IN-DWG-0039 6 OF 6 08