

OWNER:



**BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT**

EPC CONTRACTOR:



MC :







**INSTRUMENT CABLE LIST & SHEDULE
FOR EMERGENCY INSTRUMENT AIR
COMPRESSOR**



Owner Document Number: 17811-53B	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No: 52-98/445	
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**INSTRUMENT CABLE LIST & SHEDULE FOR
EMERGENCY INSTRUMENT AIR COMPRESSOR**

00	20/10/2021	For approval		WZ	RB	KP	
Rev.	Date	Purpose of Issue		Prepared	Checked	Approved	AC Code
						Class: 1	Phase: P

OWNER:  شرکت سست و سویی ژنوس ایران (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	INSTRUMENT CABLE LIST & SHEDULE FOR EMERGENCY INSTRUMENT AIR COMPRESSOR						 Netherlands		
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SI	LOCATION	FROM BOARD / INSTRUMENT	GLAND SIZE	CABLE NAME	TO BOARD / INSTRUMENT	TERM . STRIP	TERMINAL	GLAND SIZE	LOCATION	CABLE mm2	ARM/UNARM.	SHEATH COLOR	PROTECTION	CABLE TYPE	FUNCTION	SCOPE
1	COMPRESSOR 20-C-7080 UCP-C7080-01															
2	FIELD	LP-C7080-01	M20-O	ESD_LCP_B	UCP-C7080-01	X9	1-2	N/A	FIELD	4Cx1	ARMOUR	Gray	NIS	DN04CAS	COMPRESSOR A EMERGENCY SHUTDOWN	AIRPACK
3	CUSTOMER	CUSTOMER	N/A	ESD_COM	UCP-C7080-01	X9	3-7	N/A	FIELD	4Cx1	ARMOUR	Gray	NIS	DN04CAS	EMERGENCY SHUTDOWN FROM CUSTOMER	AIRPACK
4	FIELD	JNDX-C7080-01	M32-C	SOL_COMB	UCP-C7080-01	X1	1-10	N/A	FIELD	5Px2,5	ARMOUR	Gray	NIS	VN05A	SOLENOIDS CONNECTION	AIRPACK
5	CUSTOMER	CUSTOMER	N/A	SERA00	UCP-C7080-01	X4	1-8	N/A	FIELD	4Px23AWG	ARMOUR	Gray	NIS	LN04A	SERIAL COMMUNICATION TO CUSTOMER MODBUS TCP/IP	AIRPACK
6	CUSTOMER	CUSTOMER	N/A	SERA00	UCP-C7080-01	X4	9-16	N/A	FIELD	4Px23AWG	ARMOUR	Gray	NIS	LN04A	SERIAL COMMUNICATION TO CUSTOMER MODBUS TCP/IP	AIRPACK
7	FIELD	LP-C7080-01	M25-B	LCP_COMA	UCP-C7080-01	X5	1-26	N/A	FIELD	26Cx1	ARMOUR	Gray	NIS	DN26CA	DIGITAL INPUTS CONNECTION	AIRPACK
8	FIELD	JIAX-C7080-01	M32-C	TR_COMA	UCP-C7080-01	X2	1-20	N/A	FIELD	10Px0,75	ARMOUR	Gray	NIS	AN10A	ANALOG INPUTS CONNECTION	AIRPACK
9	FIELD	PD-C-7080-01	M20-O	DB_COMA	UCP-C7080-01	X8	1-20	N/A	FIELD	20Cx1	ARMOUR	Gray	NIS	DN20CA	SIGNALS FROM/TO DISTRIBUTION BOARD	AIRPACK
10	FIELD	DCS	M20-O	SIG_DCS	UCP-C7080-01	X11	1-8	N/A	FIELD	8Cx1	ARMOUR	Gray	NIS	DN08CA	SIGNALS FROM/TO DCS	AIRPACK
11	COMPRESSOR 20-C-7080 JNDX-C7080-01															
12	FIELD	XY-71101	M20-A	XY-71101	JNDX-C7080-01	X1	1-2	M20-A	FIELD	1Px2,5	ARMOUR	Gray	NIS	VN01A	COMPRESSOR A INLET SOLENOID VALVE XY-71101	AIRPACK
13	FIELD	XY-71102	M20-A	XY-71102	JNDX-C7080-01	X1	3-4	M20-A	FIELD	1Px2,5	ARMOUR	Gray	NIS	VN01A	COMPRESSOR A COOLING WATER INLET SOLENOID VALVE XY-71102	AIRPACK
14	COMPRESSOR 20-C-7080 JIAX-C7080-01															
15	FIELD	PIT-71103	M20-O	PIT-71103	JIAX-C7080-01	X2	1+,1-,1SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A INLET PRESSURE PIT-71103	AIRPACK
16	FIELD	PIT-71104	M20-O	PIT-71104	JIAX-C7080-01	X2	2+,2-,25SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A OIL SYSTEM PRESSURE PIT-71104	AIRPACK
17	FIELD	PIT-71107	M20-O	PIT-71107	JIAX-C7080-01	X2	3+,3-,35SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A OUTLET PRESSURE PIT-71107	AIRPACK
18	FIELD	TIT-71101	M20-O	TIT-71101	JIAX-C7080-01	X2	4+,4-,4SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A INLET TEMPERATURE TIT-71101	AIRPACK
19	FIELD	TIT-71102	M20-O	TIT-71102	JIAX-C7080-01	X2	5+,5-,55SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A UPSTREAM AFTER COOLER TEMPERATURE TIT-71102	AIRPACK
20	FIELD	FT-71101	M20-O	FT-71101	JIAX-C7080-01	X2	6+,6-,65SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A COOLING WATER OUTLET FLOW FT-71101	AIRPACK
21	FIELD	VT-71101	M20-O	VT-71101	JIAX-C7080-01	X2	7+,7-,75SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A BEARING VIBRATION VT-71101	AIRPACK
22	COMPRESSOR 20-C-7080 PD-C-7080-01															
23	FIELD	PT-100	M20-O	PT-100	PD-C-7080-01	X10	1-2	M20-O	FIELD	2Cx1	ARMOUR	Gray	NIS	RN02CA	COMPRESSOR A OIL SYSTEM PT-100	AIRPACK