











OWNER:  شرکت سست و سویی ژوسه ایران (سهامی خاص)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	<b>INSTRUMENT CABLE LIST &amp; SHEDULE FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>							 Netherlands	
MC :  شرکت سست و سویی ژوسه ایران (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No: 52-98/445	
Owner Document Number: 17811-53B	BU	20	VD	303	EL	LST	0088	Rev.:	Page
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## INSTRUMENT CABLE LIST & SHEDULE FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 شرکت سست و سویی ژوسه ایران (سهامی خاص)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>
<b>Document Review</b>		
Issue Purpose:	IFA	
Result Code: AP,AN,CM,RE,NC	CM	
Next Status : IFC,IFA,IFI,AFC,AB	IFA	
Responsible Department	MECHANICAL	
Commented Date	Nov/04/2021	
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>		

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

<b>OWNER:</b>  شرکت مست و سوبی نوسا ایرانیا (سهامی خاص)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						<b>EPC CONTRACTOR</b>  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	<b>INSTRUMENT CABLE LIST &amp; SHEDULE FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>						 Netherlands		
<b>MC :</b>  شرکت مست و سوبی نوسا ایرانیا (سهامی خاص)	<b>Project</b>	<b>Area</b>	<b>Phase</b>	<b>Unit</b>	<b>Dis.</b>	<b>Doc.</b>	<b>Seq.</b>	<b>Contract No: 52-98/445</b>	
<b>Owner Document Number: 17811-53B</b>	BU	20	VD	303	EL	LST	0088	<b>Rev.:</b>	<b>Page</b>
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Please refer to comments on BU-20-VD-303-IN-LST-0038-01 unless comment specified

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	5Px0.75	ARMOUR	Gray	NIS	DN05	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-,2SCR	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-,3SCR	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-,5SCR	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-,6SCR	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-,7SCR	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