











OWNER:  شرکت سست و پوی آوند ایران (سهایی نام)	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	
MC :  شرکت سست و پوی آوند ایران (سهایی نام)	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 پوی آوند ایران (سهایی نام)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	AFC	
Result Code: AP,AN,CM,RE,NC	AP	
Next Status : IFC,IFA,IFI,AFC,AB	-	
Responsible Department	MECHANICAL	
Commented Date	Feb/22/2022	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
03	10/02/2022	Approved for Construction	KP	RB	KP	
02	06/01/2022	Approved for Construction	AS	RB	KP	
01	10/12/2021	For approval	AS	RB	KP	
00	20/10/2021	For approval	WZ	RB	KP	
				Class: 1		Phase: P

OWNER:  شرکت ست دوسوی توسه ایرانیان (سامی ناس)	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	
MC :  شرکت ست دوسوی توسه ایرانیان (سامی ناس)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No: 52-98/445	
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SI	FROM	TO	GLAND SIZE	CABLE NAME	TO BOARD / INSTRUMENT	TERM . STRIP	TERMINAL	GLAND SIZE	LOCATION	CABLE mm2	ARM/UNARM.	SHEATH COLOR	PROTECTION	CABLE TYPE	FUNCTION	SCOPE
COMPRESSOR 20-C-7080 UCP-C7080-01																
2	LP-C7080-01	UCP-C7080-01	M25-B	FCNDX-C7080-LCP01	UCP-C7080-01	X9	1..4	M25-B	FIELD	5Px0,75	ARMOUR	Gray, Red strip	NIS	DN05AS	COMPRESSOR B EMERGENCY SHUTDOWN	CUSTOMER
3	CUSTOMER (ESD SYSTEM)	UCP-C7080-01	N/A	ICNDE-C7080-01	UCP-C7080-01	X9	5..9	N/A	FIELD	5Px0,75	UNARMOUR	Gray, Red strip	NIS	DN05S	EMERGENCY SHUTDOWN FROM CUSTOMER	CUSTOMER
4	JNDX-C7080-01	UCP-C7080-01	M25-B	FCNDX-C7080-01	UCP-C7080-01	X1	1..10	M25-B	FIELD	5Px2,5	ARMOUR	Gray	NIS	VN05A	SOLENOIDS CONNECTION	CUSTOMER
5	FCS	UCP-C7080-01	N/A	ICNLX-C7080-01	UCP-C7080-01	X4	1..8	N/A	FIELD	4Px23AWG	ARMOUR	Gray	NIS	LN04A	SERIAL COMMUNICATION TO CUSTOMER MODBUS TCP/IP	CUSTOMER
6	FCS	UCP-C7080-01	N/A	ICNLX-C7080-02	UCP-C7080-01	X4	9..16	N/A	FIELD	4Px23AWG	ARMOUR	Gray	NIS	LN04A	SERIAL COMMUNICATION TO CUSTOMER MODBUS TCP/IP	CUSTOMER
7	LP-C7080-01	UCP-C7080-01	M25-B	FCNDX-C7080-LCP02	UCP-C7080-01	X5	1..26	M25-B	FIELD	10Px0,75	ARMOUR	Gray	NIS	DN10A	DIGITAL INPUTS CONNECTION	CUSTOMER
8	JIAX-C7080-01	UCP-C7080-01	M32-C	FCIAX-C7080-01	UCP-C7080-01	X2	1..20	M32-C	FIELD	10Px0,75	ARMOUR	Light Blue	IS	AI10A	ANALOG INPUTS CONNECTION	CUSTOMER
9	PD-C-7080-01	UCP-C7080-01	M25-B	ICNDX-C7080-PDP	UCP-C7080-01	X8	1..20	M25-B	FIELD	10Px0,75	ARMOUR	Gray	NIS	DN10A	SIGNALS FROM/TO DISTRIBUTION BOARD	CUSTOMER
10	FCS	UCP-C7080-01	N/A	ICNDF-C7080-01	UCP-C7080-01	X11	1..4	N/A	FIELD	10Px0,75	UNARMOUR	Gray	NIS	DN10	SIGNALS FROM/TO FCS	CUSTOMER
COMPRESSOR 20-C-7080 JNDX-C7080-01																
12	JNDX-C7080-01	XY-71101	M20-A	XY-71101	JNDX-C7080-01	X1	1-2	M20-A	FIELD	1Px2,5	ARMOUR	Gray	NIS	VN01A	COMPRESSOR B INLET SOLENOID VALVE XY-71101	AIRPACK
13	JNDX-C7080-01	XY-71102	M20-A	XY-71102	JNDX-C7080-01	X1	3-4	M20-A	FIELD	1Px2,5	ARMOUR	Gray	NIS	VN01A	COMPRESSOR B COOLING WATER INLET SOLENOID VALVE XY-71102	AIRPACK
COMPRESSOR 20-C-7080 JIAX-C7080-01																
15	JIAX-C7080-01	PIT-71103	M20-O	PIT-71103	JIAX-C7080-01	X2	1+1..15SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A INLET PRESSURE PIT-71103	AIRPACK
16	JIAX-C7080-01	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	JIAX-C7080-01	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	JIAX-C7080-01	TIT-71101	M20-O	TIT-71101	JIAX-C7080-01	X2	4+4..45SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A INLET TEMPERATURE TIT-71101	AIRPACK
19	JIAX-C7080-01	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	JIAX-C7080-01	FT-71101	M20-O	FT-71101	JIAX-C7080-01	X2	6+6..55SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A COOLING WATER OUTLET FLOW FT-71101	AIRPACK
21	JIAX-C7080-01	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	JIAX-C7080-01	PV-71101	M20-O	PV-71101	JIAX-C7080-01	X3	+1..1, 15SCR	M20-O	FIELD	1Px1,5	ARMOUR	Light Blue	IS	AI01A	COMPRESSOR A BEARING VIBRATION VT-71101	AIRPACK
COMPRESSOR 20-C-7080 PD-C-7080-01																
24	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

Notes: Document according to "BU-20-D-000-IN-DSH-62&04 DATA SHEET FOR INSTRUMENT CABLES". The cable tag numbers are according to the wiring diagram for internal cables.