



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض و ابنیه تحت الارض

خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک
(قرارداد BK-HD-GCS-CO-0008_03)



شماره پیمان:

053 - 073 - 9184

INSTRUMENT CABLE LIST

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
V01	0003	LI	IN	120	HY	GCS	BK

شماره صفحه: 1 از 8

طرح نگهداشت و افزایش تولید ۲۷ مخزن

INSTRUMENT CABLE LIST

نگهداشت و افزایش تولید میدان نفتی بینک

V01	OCT.2023	AFC	Havayar Co.	M.Fakharian	S.Faramarzpour	
V00	SEP.2023	IFR	Havayar Co.	M.Fakharian	A.M.Mohseni	
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

status:

IFA: Issued For Approval

IFR: Issued For Review

IFI: Issued For Information

AFC: Approved For Construction



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض و ابنیه تحت الارض

خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک
(قرارداد 03_0008-GCS-BK-HD)



شماره پیمان:

INSTRUMENT CABLE LIST

شماره صفحه: 2 از 8

053 - 073 - 9184

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
V01	0003	LI	IN	120	HY	GCS	BK

REVISION RECORD SHEET

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 NISOC		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض						 HAVAYAR INDUSTRIAL GROUP							
		خرید پکیج های کمپرسور گاز (رقت و برگشتی) بینک (BK-HD-GCS-CO-0008_03 قرارداد)													
شماره پیمان:		INSTRUMENT CABLE LIST								شماره صفحه:3 از 8					
		پرورده	پسته کاری	صادرکننده	تسهیلات		رشته	نوع مدرک					سریال	نسخه	
053 - 073 – 9184		BK	GCS	HY	120		IN		LI		0003	V01			
Item No.	Cable Tag No.	From	To	Cable size		Description		Color	Cable Length (m)	Gland	IS/NIS	Remark			
1	IC-SV-2201A	JB-D-2200A	SV-2201A	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
2	IC-SV-2202A		SV-2202A	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
3	IC-SV-2203A		SV-2203A	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
5	IC-PY-2123A		PY-2123A	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar Loose Item			
6	MC-JB-D-2200A	UCP-2101A	JB-D-2200A	7x2x2.5mm ³		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
7	IC-CZSO-2123A	CZSO-2123A	JB-D-2201A	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar Loose Item			
8	IC-CZSC-2123A	CZSC-2123A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar Loose Item			
9	MC-JB-D-2201A	JB-D-2201A	UCP-2101A	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
10	IC-TS-2191A	TS-2191A	JB-D-2203A	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
11	IC-TS-2194A	TS-2194A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
12	IC-PS-2195A	PS-2195A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
13	IC-PS-2204A	PS-2204A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
14	IC-PS-2220A	PS-2220A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar			
15	MC-JB-D-2203A	JB-D-2203A	UCP-2101A	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
16	IC-FT-2121A	FT-2121A	JB-A-2200A	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
17	IC-TT-2122A	TT-2122A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
18	IC-PDT-2122A	PDT-2122A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
19	IC-PT-2123A	PT-2123A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
20	MC-JB-A-2200A	JB-A-2200A	UCP-2101A	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M32	IS	Supply by Client Gland size final by client			
21	IC-PT-2201A	PT-2201A	JB-A-2201A	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
22	IC-PT-2210A	PT-2210A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
23	IC-PT-2211A	PT-2211A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
24	IC-TT-2191A	TT-2191A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
25	IC-TT-2123A	TT-2123A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
26	IC-PT-2124A	PT-2124A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
27	MC-JB-A-2201A	JB-A-2201A	UCP-2101A	12x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M40	IS	Supply by Client Gland size final by client			
28	IC-FT-2197A	FT-2197A	JB-A-2202A	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
29	IC-PT-2197A	PT-2197A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
30	IC-TT-2197A	TT-2197A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
31	IC-PDT-2197A	PDT-2197A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
32	MC-JB-A-2202A	JB-A-2202A	UCP-2101A	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M32	IS	Supply by Client Gland size final by client			
33	IC-PT-2133A	PT-2133A	JB-A-2203A	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
34	IC-TT-2133A	TT-2133A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
35	IC-TT-2194A	TT-2194A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose Item			
36	IC-PCVY-2197A	PCVY-2197A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
37	IC-PCYZ-2123A	PCYZ-2123A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
38	MC-JB-A-2203A	JB-A-2203A	UCP-2101A	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M32	IS	Supply by Client Gland size final by client			
39	IC-PT-2204A	PT-2204A	JB-A-2204A	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
40	IC-TT-2204A	TT-2204A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
41	IC-PDT-2204A	PDT-2204A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
42	IC-PT-2200A	PT-2200A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Client			
43	IC-LT-2200A	LT-2200A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
44	IC-TT-2203A	TT-2203A		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar			
45	MC-JB-A-2204A	JB-A-2204A	UCP-2101A	12x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M40	IS	Supply by Client Gland size final by client			

 NISOC		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض							 HAVAYAR INDUSTRIAL GROUP				
		خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (فراردا 03-BK-HD-GCS-CO-0008_03)											
		INSTRUMENT CABLE LIST											
شماره پیمان:		پروژه	بسته کاری	صادرکننده	تسمیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه 4 از 8			
053 - 073 – 9184		BK	GCS	HY	120	IN	LI	0003	V01				
Item No.	Cable Tag No.	From	To	Cable size	Description	Color	Cable Length (m)	Gland	IS/NIS	Remark			
46	IC-PT-2220A	PT-2220A	JB-A-2205A	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
47	IC-PT-2221A	PT-2221A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
48	IC-LT-2213A	LT-2213A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
49	IC-TT-2213A	TT-2213A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
50	IC-FT-2206A	FT-2206A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
51	MC-JB-A-2205A	JB-A-2205A	UCP-2101A	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M32	IS	Supply by Client Gland size final by client			
52	IC-TE-2214A	TE-2214A	TT-2214A	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
53	IC-TE-2215A	TE-2215A	TT-2214A	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
54	IC-TE-2216A	TE-2216A	TT-2216A	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
55	IC-TE-2217A	TE-2217A	TT-2217A	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar			
56	IC-TE-2218A	TE-2218A	TT-2218A	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar			
57	IC-TE-2219A	TE-2219A	TT-2219A	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar			
58	IC-TT-2214A	TT-2214A	JB-A-2206A	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
59	IC-TT-2215A	TT-2215A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
60	IC-TT-2216A	TT-2216A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
61	IC-TT-2217A	TT-2217A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
62	IC-TT-2218A	TT-2218A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
63	IC-TT-2219A	TT-2219A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
64	MC-JB-A-2206A	JB-A-2206A	UCP-2101A	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M32	IS	Supply by Client Gland size final by client			
65	IC-VT-2201A	VT-2201A	JB-A-2207A	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
66	IC-VT-2202A	VT-2202A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar			
67	IC-ZT-2200A	ZT-2200A		Special cable	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	N/A	8	M20	N/A	Supply by Havayar			
68	IC-ZT-2201A	ZT-2201A		Special cable	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	N/A	8	M20	N/A	Supply by Havayar			
69	IC-XT-2201A	XT-2201A		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	8	M20	IS	Supply by Havayar			
70	MC-JB-A-2207A	JB-A-2207A	UCP-2101A	12x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M50	IS	Supply by Client Gland size final by client			
71	IC-MO-2201A	Motor- RTD JB	UCP-2101A	12x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M50	NIS	Supply by Client Gland size final by client			
72	MC-LCP-2101A1	LCP-2101A	UCP-2101A	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client			
73	MC-LCP-2101A2	LCP-2101A	UCP-2101A	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
74	MC-LCP-2101A3	LCP-2101A	UCP-2101A	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client			
75	MC-LCP-2101A4	LCP-2101A	UCP-2101A	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client			
76	MC-LCP-2101A5	LCP-2101A	UCP-2101A	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client			
77	MC-LCP-2101A6	LCP-2101A	UCP-2101A	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client			
78	MC-LCP-2101A7	LCP-2101A	UCP-2101A	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
79	MC-LCP-2101A8	LCP-2101A	UCP-2101A	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
80	MC-MCC-2101A1	UCP-2101A	OIL HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
81	MC-MCC-2101A2	UCP-2101A	AUX OIL PUMP MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
82	MC-MCC-2101A3	UCP-2101A	LUBRICATOR HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
83	MC-MCC-2101A4	UCP-2101A	LUBRICATOR MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
84	MC-MCC-2101A5	UCP-2101A	MAIN MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
85	MC-MCC-2101A6	UCP-2101A	OIL COOLER MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
86	MC-MCC-2101A7	UCP-2101A	MAIN WATER PUMP MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
87	MC-MCC-2101A8	UCP-2101A	AUX WATER PUMP MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
88	MC-MCC-2101A9	UCP-2101A	WATER HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar			
89	MC-MCC-2101A10	UCP-2101A	WATER COOLER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar			
90	MC-MCC-2101A11	UCP-2101A	BARRING MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar			
91	MC-ESD-2101A	ESD	UCP-2101A	7x2x1mm ²	CU,PVC,OSC,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client			
92	MC-DCS-2101A	DCS	UCP-2101A	4x2x1mm ²	CU,PVC,OSC,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Modbus RTU			

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 NISOC		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض						 HAVAYAR INDUSTRIAL GROUP			
		خرید پکیج های کمپرسور گاز (رقت و برگشتی) بینک (فراراداد BK-HD-GCS-CO-0008_03)									
		INSTRUMENT CABLE LIST									
شماره پیمان:		پروژه	بسته کاری	صادرکننده	تسمیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 6 از 8	
053 - 073 – 9184		BK	GCS	HY	I20	IN	LI	0003	V01		
Item No.	Cable Tag No.	From	To	Cable size	Description	Color	Cable Length (m)	Gland	IS/NIS	Remark	
46	IC-PT-2220B	PT-2220B	JB-A-2205B	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
47	IC-PT-2221B	PT-2221B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
48	IC-LT-2213B	LT-2213B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
49	IC-TT-2213B	TT-2213B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
50	IC-FT-2206B	FT-2206B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
51	MC-JB-A-2205B	JB-A-2205B	UCP-2101B	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M32	IS	Supply by Client Gland size final by client	
52	IC-TE-2214B	TE-2214B	TT-2214B	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
53	IC-TE-2215B	TE-2215B	TT-2214B	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
54	IC-TE-2216B	TE-2216B	TT-2216B	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
55	IC-TE-2217B	TE-2217B	TT-22117B	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar	
56	IC-TE-2218B	TE-2218B	TT-2218B	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar	
57	IC-TE-2219B	TE-2219B	TT-2219B	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar	
58	IC-TT-2214B	TT-2214B	JB-A-2206B	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
59	IC-TT-2215B	TT-2215B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
60	IC-TT-2216B	TT-2216B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
61	IC-TT-2217B	TT-2217B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
62	IC-TT-2218B	TT-2218B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
63	IC-TT-2219B	TT-2219B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
64	MC-JB-A-2206B	JB-A-2206B	UCP-2101B	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M32	IS	Supply by Client Gland size final by client	
65	IC-VT-2201B	VT-2201B	JB-A-2207B	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
66	IC-VT-2202B	VT-2202B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
67	IC-ZT-2200B	ZT-2200B		Special cable	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	N/A	8	M20	N/A	Supply by Havayar	
68	IC-ZT-2201B	ZT-2201B		Special cable	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	N/A	8	M20	N/A	Supply by Havayar	
69	IC-XT-2201B	XT-2201B		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	8	M20	IS	Supply by Havayar	
70	MC-JB-A-2207B	JB-A-2207B	UCP-2101B	12x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M50	IS	Supply by Client Gland size final by client	
71	IC-MO-2201B	Motor- RTD JB	UCP-2101B	12x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M50	NIS	Supply by Client Gland size final by client	
72	MC-LCP-2101B1	LCP-2101B	UCP-2101B	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
73	MC-LCP-2101B2	LCP-2101B	UCP-2101B	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
74	MC-LCP-2101B3	LCP-2101B	UCP-2101B	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
75	MC-LCP-2101B4	LCP-2101B	UCP-2101B	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
76	MC-LCP-2101B5	LCP-2101B	UCP-2101B	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
77	MC-LCP-2101B6	LCP-2101B	UCP-2101B	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
78	MC-LCP-2101B7	LCP-2101B	UCP-2101B	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
79	MC-LCP-2101B8	LCP-2101B	UCP-2101B	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
80	MC-MCC-2101B1	UCP-2101B	OIL HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
81	MC-MCC-2101B2	UCP-2101B	AUX OIL PUMP MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
82	MC-MCC-2101B3	UCP-2101B	LUBRICATOR HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
83	MC-MCC-2101B4	UCP-2101B	LUBRICATOR MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
84	MC-MCC-2101B5	UCP-2101B	MAIN MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
85	MC-MCC-2101B6	UCP-2101B	OIL COOLER MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
86	MC-MCC-2101B7	UCP-2101B	MAIN WATER PUMP MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
87	MC-MCC-2101B8	UCP-2101B	AUX WATER PUMP MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
88	MC-MCC-2101B9	UCP-2101B	WATER HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar	
89	MC-MCC-2101B10	UCP-2101B	WATER COOLER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar	
90	MC-MCC-2101B11	UCP-2101B	BARRING MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar	
91	MC-ESD-2101B	ESD	UCP-2101B	7x2x1mm ²	CU,PVC,OSC,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
92	MC-DCS-2101B	DCS	UCP-2101B	4x2x1mm ²	CU,PVC,OSC,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Modbus RTU	

 NISOC		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و آبنیه تحت الارض							 HAVAYAR INDUSTRIAL GROUP			
		خرید پکیج های کمپرسور گاز (رقت و برگشتی) بینک (فرارداد BK-HD-GCS-CO-0008_03)										
شماره پیمان:		INSTRUMENT CABLE LIST							شماره صفحه: 7 از 8			
		پروژه	پسته کاری	صادرکننده	تسهیلات		رشته	نوع مدرک				سریال
053 - 073 - 9184		BK	GCS	HY	I20		IN	LI	0003	V01		
Item No.	Cable Tag No.	From	To	Cable size		Description		Color	Cable Length (m)	Gland	IS/NIS	Remark
1	IC-SV-2201C	JB-D-2200C	SV-2201C	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
2	IC-SV-2202C		SV-2202C	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
3	IC-SV-2203C		SV-2203C	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
5	IC-PY-2123C		PY-2123C	1x2x2.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar Loose Item
6	MC-JB-D-2200C	UCP-2101C	JB-D-2200C	7x2x2.5mm ³		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	By Client	M32	NIS	Supply by Client Gland size final by client
7	IC-CZ50-2123C	CZ50-2123C	JB-D-2201C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar Loose Item
8	IC-CZ5C-2123C	CZ5C-2123C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar Loose Item
9	MC-JB-D-2201C	JB-D-2201C	UCP-2101C	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	By Client	M32	NIS	Supply by Client Gland size final by client
10	IC-TS-2191C	TS-2191C	JB-D-2203C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
11	IC-TS-2194C	TS-2194C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
12	IC-PS-2195C	PS-2195C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
13	IC-PS-2204C	PS-2204C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
14	IC-PS-2220C	PS-2220C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	10	M20	NIS	Supply by Havayar
15	MC-JB-D-2203C	JB-D-2203C	UCP-2101C	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Gray	By Client	M32	NIS	Supply by Client Gland size final by client
16	IC-FT-2121C	FT-2121C	JB-A-2200C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
17	IC-TT-2122C	TT-2122C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
18	IC-PDT-2122C	PDT-2122C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
19	IC-PT-2123C	PT-2123C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
20	MC-JB-A-2200C	JB-A-2200C	UCP-2101C	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M32	IS	Supply by Client Gland size final by client
21	IC-PT-2201C	PT-2201C	JB-A-2201C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
22	IC-PT-2210C	PT-2210C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
23	IC-PT-2211C	PT-2211C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
24	IC-TT-2191C	TT-2191C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
25	IC-TT-2123C	TT-2123C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
26	IC-PT-2124C	PT-2124C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
27	MC-JB-A-2201C	JB-A-2201C	UCP-2101C	12x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M40	IS	Supply by Client Gland size final by client
28	IC-FT-2197C	FT-2197C	JB-A-2202C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
29	IC-PT-2197C	PT-2197C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
30	IC-TT-2197C	TT-2197C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
31	IC-PDT-2197C	PDT-2197C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
32	MC-JB-A-2202C	JB-A-2202C	UCP-2101C	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M32	IS	Supply by Client Gland size final by client
33	IC-PT-2133C	PT-2133C	JB-A-2203C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
34	IC-TT-2133C	TT-2133C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
35	IC-TT-2194C	TT-2194C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	20	M20	IS	Supply by Havayar Loose item
36	IC-PCVY-2197C	PCVY-2197C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
37	IC-PCYZ-2123C	PCYZ-2123C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
38	MC-JB-A-2203C	JB-A-2203C	UCP-2101C	7x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M32	IS	Supply by Client Gland size final by client
39	IC-PT-2204C	PT-2204C	JB-A-2204C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
40	IC-TT-2204C	TT-2204C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
41	IC-PDT-2204C	PDT-2204C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
42	IC-PT-2200C	PT-2200C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Client
43	IC-LT-2200C	LT-2200C		1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
44	IC-TT-2203C	TT-2203C	UCP-2101C	1x2x1.5mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	10	M20	IS	Supply by Havayar
45	MC-JB-A-2204C	JB-A-2204C		12x2x1mm ²		CU,PVC,OSC,SWA,PVC,FLAME RETARDANT		Blue	By Client	M40	IS	Supply by Client Gland size final by client

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض							 HAVAYAR INDUSTRIAL GROUP			
	خرید پکیج های کمپرسور گاز (رقت و برگشتی) بینک (فراردا BK-HD-GCS-CO-0008_03)										
	INSTRUMENT CABLE LIST										
شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 8 از 8		
053 - 073 – 9184	BK	GCS	HY	120	IN	LI	0003	V01			
Item No.	Cable Tag No.	From	To	Cable size	Description	Color	Cable Length (m)	Gland	IS/NIS	Remark	
46	IC-PT-2220C	PT-2220C	JB-A-2205C	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
47	IC-PT-2221C	PT-2221C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
48	IC-LT-2213C	LT-2213C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
49	IC-TT-2213C	TT-2213C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
50	IC-FT-2206C	FT-2206C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
51	MC-JB-A-2205C	JB-A-2205C	UCP-2101C	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M32	IS	Supply by Client Gland size final by client	
52	IC-TE-2214C	TE-2214C	TT-2214C	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
53	IC-TE-2215C	TE-2215C	TT-2214C	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
54	IC-TE-2216C	TE-2216C	TT-2216C	1x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
55	IC-TE-2217C	TE-2217C	TT-2217C	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar	
56	IC-TE-2218C	TE-2218C	TT-2218C	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar	
57	IC-TE-2219C	TE-2219C	TT-2219C	1x3x0.5mm ²	Special Cable-RTD cable 3x0.5mm ²	N/A	10	M20	N/A	Supply by Havayar	
58	IC-TT-2214C	TT-2214C	JB-A-2206C	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
59	IC-TT-2215C	TT-2215C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
60	IC-TT-2216C	TT-2216C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
61	IC-TT-2217C	TT-2217C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
62	IC-TT-2218C	TT-2218C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
63	IC-TT-2219C	TT-2219C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
64	MC-JB-A-2206C	JB-A-2206C	UCP-2101C	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M32	IS	Supply by Client Gland size final by client	
65	IC-VT-2201C	VT-2201C	JB-A-2207C	1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
66	IC-VT-2202C	VT-2202C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	10	M20	IS	Supply by Havayar	
67	IC-ZT-2200C	ZT-2200C		Special cable	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	N/A	8	M20	N/A	Supply by Havayar	
68	IC-ZT-2201C	ZT-2201C		Special cable	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	N/A	8	M20	N/A	Supply by Havayar	
69	IC-XT-2201C	XT-2201C		1x2x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	8	M20	IS	Supply by Havayar	
70	MC-JB-A-2207C	JB-A-2207C	UCP-2101C	12x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Blue	By Client	M50	IS	Supply by Client Gland size final by client	
71	IC-MO-2201C	Motor- RTD JB	UCP-2101C	12x3x1.5mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M50	NIS	Supply by Client Gland size final by client	
72	MC-LCP-2101C1	LCP-2101C	UCP-2101C	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
73	MC-LCP-2101C2	LCP-2101C	UCP-2101C	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
74	MC-LCP-2101C3	LCP-2101C	UCP-2101C	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
75	MC-LCP-2101C4	LCP-2101C	UCP-2101C	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
76	MC-LCP-2101C5	LCP-2101C	UCP-2101C	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
77	MC-LCP-2101C6	LCP-2101C	UCP-2101C	12x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M40	NIS	Supply by Client Gland size final by client	
78	MC-LCP-2101C7	LCP-2101C	UCP-2101C	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
79	MC-LCP-2101C8	LCP-2101C	UCP-2101C	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
80	MC-MCC-2101C1	UCP-2101C	OIL HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
81	MC-MCC-2101C2	UCP-2101C	AUX OIL PUMP MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
82	MC-MCC-2101C3	UCP-2101C	LUBRICATOR HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
83	MC-MCC-2101C4	UCP-2101C	LUBRICATOR MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
84	MC-MCC-2101C5	UCP-2101C	MAIN MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
85	MC-MCC-2101C6	UCP-2101C	OIL COOLER MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
86	MC-MCC-2101C7	UCP-2101C	MAIN WATER PUMP MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
87	MC-MCC-2101C8	UCP-2101C	AUX WATER PUMP MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
88	MC-MCC-2101C9	UCP-2101C	WATER HEATER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar	
89	MC-MCC-2101C10	UCP-2101C	WATER COOLER MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar	
90	MC-MCC-2101C11	UCP-2101C	BARRING MOTOR MCC	7x2x1mm ²	CU,PVC,OSC,SWA,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Havayar	
91	MC-ESD-2101C	ESD	UCP-2101C	7x2x1mm ²	CU,PVC,OSC,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Gland size final by client	
92	MC-DCS-2101C	DCS	UCP-2101C	4x2x1mm ²	CU,PVC,OSC,PVC,FLAME RETARDANT	Gray	By Client	M32	NIS	Supply by Client Modbus RTU	