

	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	CONTROL PANEL PARTS DATA SHEET/LICENCE LIST/ CERTIFICATES						شماره صفحه : 1 از 4	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	HY	120	IN	DS	0005	V05

طرح نگهداشت و افزایش تولید 27 مخزن

CONTROL PANEL PARTS DATA SHEET/LICENCE LIST/ CERTIFICATES

نگهداشت و افزایش تولید میدان نفتی بینک

V05	Nov. 2024	AFC	Havayar Co.	M.Fakharian	M.SADEGHIAN	
V04	May. 2024	AFC	Havayar Co.	M.Fakharian	S. Faramarzpour	
V03	Feb. 2024	IFR	Havayar Co.	M.Fakharian	S. Faramarzpour	
V02	Oct. 2023	IFR	Havayar Co.	M.Fakharian	S. Faramarzpour	
V01	Aug. 2023	IFR	Havayar Co.	M.Fakharian	M.Mehrshad	
V00	Jun. 2023	IFR	Havayar Co.	M.Fakharian	M.Mehrshad	
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



NISOC

شماره پیمان:

053 - 073 - 9184

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)

CONTROL PANEL PARTS DATA SHEET/LICENCE LIST/
CERTIFICATES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	پسته کاری	پروژه
V05	0005	DS	IN	120	HY	GCS	BK

شماره صفحه: 2 از 4

Tabulation Of Revised Pages

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BOM of parts and spare parts with Model No. to be added for both hardware and software parts. List of certificates shall be added.

HY reply:Part list is in CONTROL
SYSTEM CABINETS AND CONSOLES
LAYOUT DRAWING. Spare is not related
to document. refer to spare part list
document.

Parts Data sheets and \model No. to be added.

HY reply:Part list is in CONTROL SYSTEM CABINETS
AND CONSOLES LAYOUT DRAWING.
Reference doc.

سازمان تامین و پشتیبانی تجهیزات نفتی پارس سطح اراض و ابنیه تحت الارض خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (قرارداد 03-GCS-CO-0008-BK-FD)								HAVAYAR INDUSTRIAL GROUP			
CONTROL PANEL PARTS DATA SHEET/LICENCE LIST/ CERTIFICATES											
Project	Package	Issuer	Facility	Dicipline	Doc.	Sequence	Rev				
BK	GCS	HY	120	IN	DS	0005	V05	شماره صفحه: 3 از 4			
☒ IPS ☐ RITAL											
☐ Rittal brand ☐ Plug-in design ☐ Fixed ☒ Indoor (Client control room) ☐ RAL 7032			☒ Rittal type(Made in Iran) ☐ Wall/skid Mounted ☒ Free Standing ☐ Outdoor under shelter ☒ RAL 7035			☐ Rack mounted ☐ Outdoor unsheltered ☐ Other					
Width		As per Drawing		mm	Height	2100	mm	Depth	800mm		
Material		Sheet Steel		-	Thickness	2	mm				
Material		Sheet Steel		-	Thickness	2	mm				
☒ Bottom		☐ Top									
☐ 0-10% ☐ 25°C ☐ + 1 °C ☐ sea level ☐ IP31 ☐ Ventilated ☒ Heater & Thermostat ☐ Florsant ☒ Instrument Earth (IS & NIS)		☐ 10-30% ☐ 30°C ☒ 0 °C ☒ ≤1500m ☐ IP40 ☐ Unventilated ☒ Microswitch ☒ Electrical Earth		☐ 30-50% ☐ 35°C ☐ -20 °C ☐ >1000m ☐ IP41 ☐ Unventilated ☒ Fan & Filter ☒ Microswitch ☒ Electrical Earth		☐ 50-60% ☒ 43°C ☐ >2000m ☐ TP177B ☐ MP-277 # 19"		☒ 60-70% ☐ 44°C ☐ Critical I/O (I/O in ET200M) ☐ TP1500 (15")		☐ 70-80% ☐ 50°C	
PLC data											
☒ Siemens ☐ S7 - 1200 ☐ No Redundancy ☐ None ☒ Yes		☐ S7-300 ☒ CPU ☐ TP177A ☐ NO		☒ S7- 400FH ☒ Communication ☐ TP177B		☐ Other ☒ Powersupply ☐ MP-277 # 19"		☐ Other ☒ Critical I/O (I/O in ET200M) ☐ TP1500 (15")			
e & high reliability. ed in PLC panel.											
Monitoring of machinery sensor will be done by PLC.											
V05											
ER PHOENIX 1290774		Digital Signal TS-PS		RELAY COUPLE PHOENIX 2986957		Note: Trip Relay Center is back up of PLC.If PLC to be fail , trip relay					
ER PHOENIX 2865654		Original software		Yes ☒ No ☐		Logic source		Yes ☒ No ☐		One Laptop(EWS)One IPC(OWS)	
Used Instruments											
Description		Communication		Other							
☐ None		☐ PRO-FI Bus module For DCS		☒ Modbus RTU module For DCS		☒ Control relay					
☒ PLC communication (with hard wire To DCS)		☒ Hard wire for field		☒ Ethernet (WIRE) to IPC		☒ Annunciator		☒ Selectors (UCP/DCS Selector mode & Load Selector switch)			
☐ Some Signals between UCP and DCS are hard wire.		☐ Push button (Compressor Start & Stop)		☐ Indicator light		☐ Terminal		☐ MCB			
☐ Emergency stop											
UPS (Redundant divered by client)		☒ Normal (Fan & Lighting)		☐ Other							
110V AC		☒ 230V AC		☐ Other							
60 Hz		☐ 230V AC		☐ Other							
☒ 24V DC											
☒ Label		☒ Name plate		☒ Wiring tag							
☐ Persian		☒ English		☐ Other							
☒ PVC		☐ Flame retardant									
☒ Brass nickel plated		☐ Brass		☐ thermoplastic		☐ S.S		☐ other			
☐ EExe		☒ IP54		☐ IP66		☐ IP68		☐ other			
☐ Armoured		☐ un-Armoured									

Drawing No.?

HY reply: Dimension will be specified.

Model No.?

Part list is in CONTROL SYSTEM CABINETS AND CONSOLES LAYOUT DRAWING. Reference doc.

PEDCO INS:
Emergency stop
PB?

HY:

Communication between UCP and ESD to be added.

		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنيه تحت الارض								 		
		خريد پکيج های کمپرسور گاز (رفت و برگشتی) بینک (قرارداد BK-HD-GCS-CO-0008_03)										
		CONTROL PANEL PARTS DATA SHEET/LICENCE LIST/ CERTIFICATES										
شماره پیمان: 053 - 073 – 9184		Project	Package	Issuer	Facility	Dicipline	Doc.	Sequence	Rev	شماره صفحه: 4 از 4		
		BK	GCS	HY	120	IN	DS	0005	V05			
PART LIST												
ROW	ITEM	ORDER NO.			DESCRIPTION				MANUFATUTRE	OWS (IPC) EWS (LAPTOP)	UNIT	Total
1	license	6ES7658-5AX68-0YA5			SIMATIC PCS 7, software, AS/OS Engineering V9.1 Floating License for 1 user E-SW, withoutSW, without docu. license key on USB flash drive, class A, 5 languages (de, en, fr, it, sp),executable in WIN 10 LTSC 2019 WIN Server 2019 for further information, see PCS 7 V9.1Readme reference HW: PCS 7 IPC bundle***** content: 1xUSB				SIEMENS	EWS	PCS	1
2	license	6ES7658-2AA68-0YA0			SIMATIC PCS 7, software, OS Software Single Station V9.1 (PO 100) Single License for 1 installation R-SW, without SW, without docu. license key on USB flash drive, class A, 5 languages (de, en, fr, it, sp), executable in WIN 10 LTSC 2019 for further information, see PCS 7 V9.1 Readme reference HW: PCS 7 IPC bundle***** content: 1x USB				SIEMENS	OWS	PCS	1
3	license	6ES7833-1CC46-0YA5			SIMATIC S7, software, F Systems V6.4, Floating License for 1 user, E-SW, without software,without documentation, license key on USB flash drive, class A, 2 languages (de, en),executable in Windows 10 Enterprise 2015 LTSB, Windows 10 Enterprise 2019 LTSC, Server2016 / Server 2019, reference hardware: PC/PG *****content: 1x USB				SIEMENS	EWS	PCS	1
4	license	6ES7658-2XB00-0XB0			SIMATIC PCS 7, software Runtime License OS (PO 1000) Single license for 1 installation R-SW, without SW, without documentation License Key on USB stick, Class A, Reference HW: PCS 7 IPC Bundle, PCS 7 Box Bundle ***** Content: 1x USB				SIEMENS	OWS	PCS	1
5	license	6GK1716-0HB16-0AA0			HARDNET IE S7 REDCONNECT V16 including OPC server and HARDNET IE-S7 software for fail-safe S7 communication; floating license; R-SW, software + electrical manual on DVD, license key on USB stick, class A 2 languages (de, en); for Windows 7 SP1 Professional/Enterprise/Ultimat e (64 bit); Windows* 10 Professional/Enterprise (all 64 bit) version 1809, 1903; Windows* Server 2012 R2 Update (Standard Edition); Windows* Server 2016 (Standard Edition, Datacenter); Windows* Server 2019 (Standard Edition, Enterprise) .				SIEMENS	OWS	PCS	1
6	SOFTWARE	6ES7833-4CC46-0YT8			SIMATIC S7, software, F Systems V6.4 Update 1, Software Media Package, data storage medium without license, use only in connection with a valid license, E-SW/R-SW, software on USB flash drive, 2 languages (de, en), executable in Windows 10 Enterprise 2015 LTSB, Windows 10 Enterprise 2019 LTSC, Server 2016 / Server 2019, reference hardware: PC/PG, ***** content: 1x USB				SIEMENS	EWS	PCS	1
7	SOFTWARE	6ES7658-4XX68-0YT8			SIMATIC PCS 7, software, Software Media Package V9.1 SP2 data storage medium without license use only in connection with valid license Trial License for 14 days, without liability and warranty with restricted functionality (see product info) R-SW, software on USB without documentation 5 languages (de, en, fr, it, es), executable in Windows 10 LTSC 2019 Windows Server 2019 for more information, see PCS 7 V9.1 SP2 Readme reference hardware: PCS 7 IPC Bundle ***** content: 1x USB				SIEMENS	EWS & OWS	PCS	1
8	license	6AV2101-0AA08-0AA5			SIMATIC WinCC Comfort V18, engineering software in the TIA Portal; floating license; software and documentation on DVD; license key on USB flash drive; class A; 9 languages: de,en,zh included, fr,es,it,ru,jap,ko as download; for configuration of SIMATIC Panels. please observe product release: support.industry.siemens.com entry ID: 109813587 -- content: set (2x DVD + 1x USB)				SIEMENS	EWS	PCS	1