



نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض
احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

053 - 073 - 9184

DATA SHEETS FOR IRP PANEL

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D00	0021	DT	IN	120	PEDCO	GCS	BK

شماره صفحه: 1 از 4

طرح نگهداشت و افزایش تولید 27 مخزن

DATA SHEETS FOR IRP PANEL

نگهداشت و افزایش تولید میدان نفتی بینک

D00	Jun. 2022	IFC	H.Shakiba	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue/Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class: CLIENT Doc. Number: F9Z-708941

Status:

IDC: Inter-Discipline Check
IFC: Issued For Comment
IFA: Issued For Approval
AFD: Approved For Design
AFC: Approved For Construction
AFP: Approved For Purchase
AFQ: Approved For Quotation
IFI: Issued For Information
AB-R: As-Built for CLIENT Review
AB-A: As-Built -Approved



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D00	0021	DT	IN	120	PEDCO	GCS	BK

شماره صفحه: 2 از 4

REVISION RECORD SHEET

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 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																									
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DATA SHEETS FOR IRP PANEL																										
نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه																			
D00	0021	DT	IN	120	PEDCO	GCS	BK																			

Technical Data Sheets For Interposing Relay Panel (IRP)			
ITEM	DESCRIPTION	REQUIREMENT	SUPPLIER DATA
1	Environmental Conditions (Process Basis Design, BK-GNRAL-PEDCO-000-PR-DB-0001)		
1.1	Location	Binak Oilfield in Bushehr Province	
1.2	Max. Outdoor Ambient Temperature	50°C	
1.3	Min. Outdoor Ambient Temperature	5°C	
1.4	Direct Sunlight Temperature	85°C	
1.5	Maximum Relative Outdoor Humidity	100%	
1.6	Altitude	12.5 m Above Sea Level	
2	GENERAL INFORMATION		
2.1	Tag Numbers	IRP-02 (Indoor Safe)	
2.2	Quantity	1 Set	
2.3	Application Standard	IPS-E-EL-100 IPS-M-EL-161 IPS-M-EL-143(3)	
2.4	Manufacturer	By Vendor	
2.5	Related Document	Wiring Diagram for Interposing Relay Panel (IRP) "BK-GCS-PEDCO-120-EL-DG-0011"	
3	ELECTRICAL DATA		
3.1	Maximum Voltage	600 V	
3.2	Service Access	Front	
3.3	Related Insulation Voltage	As Per IEC 60439-1	
3.4	Dielectric Test Voltage	As Per IEC 60439-1	
3.5	Number of Cells	By Vendor	
3.6	Enclosure Type	Free Standing (Flore Mounted)	
3.7	Anti Condensation Heaters	Required, 230 VAC (Power Demand: By Vendor)	
3.8	Auxiliary Relay Type & Manufacturer	By Vendor	
3.9	Number of Auxiliary Relay Normally Close Contacts	By Vendor	
3.10	Number of Auxiliary Relay Open Close Contacts	By Vendor	
3.11	Auxiliary Relay Opening Voltage	120 VAC	
3.12	Maximum Resistance of Auxiliary Relay Coil (Ω)	By Vendor	
3.13	Inrush/Holding Current of Auxiliary Relay (A)	By Vendor	
3.14	Maximum Number of Auxiliary Relay Making Operation	By Vendor	

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شماره پیمان: 053 - 073 - 9184	DATA SHEETS FOR IRP PANEL							شماره صفحه : 4 از 4	
	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال		نسخه
	BK	GCS	PEDCO	120	IN	DT	0021		D00

Technical Data Sheets For Interposing Relay Panel (IRP)			
ITEM	DESCRIPTION	REQUIREMENT	SUPPLIER DATA
3.15	Maximum Number of Auxiliary Relay Breaking Operation	By Vendor	
3.16	Maximum Power Consumption of Auxiliary Relay	By Vendor	
3.17	Rating of Auxiliary Relay Contacts	220 VAC-Min 5A 110 VDC-Min 2A	
3.18	Auxiliary Relay Switching Time	<10 msec	
3.19	Auxiliary Relay Maximum Switched Current	By Vendor	
3.20	Terminal Type & Manufacturer	By Vendor	
3.21	Type of Terminal	By Vendor	
3.22	Type of Terminal Arrangement	According to "BK-GCS-PEDCO-120-EL-DG-0011"	
3.23	Type of Interface to the System Cabinets	By Vendor	
3.24	Auxiliary Supply for Heating & Lighting	230 VAC	
3.25	Interior Lighting (One per Cell)	Required	
3.26	Type of Interior Lighting	230 VAC. Fluorescent	
3.27	Spare Space	At Least 20% as Per "BK-GCS-PEDCO-120-EL-DG-0011"	
3.28	Type & Thickness of Enclosure	Sheet Steel 20 mm	
3.29	Degree of Protection	IP 42	
3.30	Type of Door	Lockable-Hinged Door	
3.31	Wire Duct	Required	
3.32	Lifting Lug	Required	
3.33	Gland Plate	Removable Undrilled Plate	
3.34	Grounding Terminal	Required	
3.35	Size of Ground Cable	16 mm ²	
3.36	Painting	RAL 7032	

Note 1: All required accessories shall be considered by vendor.