

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک							
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شماره پیمان:	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
053 - 073 - 9184	BK	GCS	PEDCO	120	IN	LI	0001	D02
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طرح نگهداشت و افزایش تولید 27 مخزن

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نگهداشت و افزایش تولید میدان نفتی بینک

D02	FEB.2023	IFA	P.Hajisadeghi	M.Fakharian	M.Mehrshad	
D01	SEP.2022	IFA	P.Hajisadeghi	M.Fakharian	M.Mehrshad	
D00	APR.2022	IFC	P.Hajisadeghi	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class:1	CLIENT Doc. Number: F0Z-708967
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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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NISOC

نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



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شماره پیمان:

053 - 073 - 9184

پروژه

BK

بسته کاری

GCS

صادرکننده

PEDCO

تسهیلات

120

رشته

IN

نوع مدرک

LI

سریال

0001

نسخه

D02

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 NISOC	تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک								
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شماره پیمان: 053 - 073 - 9184	پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 3 از 19
	BK	GCS	PEDCO	120	IN	LI	0001	D02	

REFERENCES:

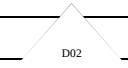
Symbol & Legend For PFD and P&ID	BK-GCS-PEDCO-120-PR-PI-0001_D03
Specification For Instrumentation	BK-GNRAL-PEDCO-000-IN-SP-0001_D04
Control/ESD/F&G System Block Diagram Configuration	BK-GCS-PEDCO-120-IN-BD-0001_D05
P&ID - Gas Compression Inlet Gas Pipeline (Binak)	BK-GCS-PEDCO-120-PR-PI-0002_D05
P&ID - Gas Compression Inlet Gas Pipeline (Golghari)	BK-GCS-PEDCO-120-PR-PI-0003_D05
P&ID - Slug Catcher System	BK-GCS-PEDCO-120-PR-PI-0004_D05
P&ID - Gas Compression Inlet Knock Out Drum	BK-GCS-PEDCO-120-PR-PI-0005_D05
P&ID - 1st Stage Gas Compression Suction Drums	BK-GCS-PEDCO-120-PR-PI-0006_D05
P&ID - 1st Stage Gas Compression Compressors	BK-GCS-PEDCO-120-PR-PI-0007_D05
P&ID - 1st Stage Gas Compression Air Coolers	BK-GCS-PEDCO-120-PR-PI-0008_D05
P&ID - 2nd Stage Gas Compression Suction Drums	BK-GCS-PEDCO-120-PR-PI-0009_D05
P&ID - 2nd Stage Gas Compression Compressors	BK-GCS-PEDCO-120-PR-PI-0010_D05
P&ID - 2nd Stage Gas Compression Air Coolers	BK-GCS-PEDCO-120-PR-PI-0011_D05
P&ID - 2nd Stage Gas Compression Discharge Drum	BK-GCS-PEDCO-120-PR-PI-0012_D05
P&ID - Gas Compression Dehydration Package	BK-GCS-PEDCO-120-PR-PI-0013_D05
P&ID - Lean Glycol Storage Tank	BK-GCS-PEDCO-120-PR-PI-0014_D05
P&ID - Instrument & Plant Air System	BK-GCS-PEDCO-120-PR-PI-0015_D05
P&ID - Nitrogen Generation System	BK-GCS-PEDCO-120-PR-PI-0016_D05
P&ID - Close Drain System	BK-GCS-PEDCO-120-PR-PI-0017_D05
P&ID - Corrosion Inhibitor Package	BK-GCS-PEDCO-120-PR-PI-0018_D05
P&ID - Methanol Injection Package	BK-GCS-PEDCO-120-PR-PI-0019_D05
P&ID - LP Flare System	BK-GCS-PEDCO-120-PR-PI-0020_D05
P&ID - Oily Water Sewer	BK-GCS-PEDCO-120-PR-PI-0021_D05
P&ID - Fuel Gas System	BK-GCS-PEDCO-120-PR-PI-0022_D05
P&ID - Diesel Oil System	BK-GCS-PEDCO-120-PR-PI-0023_D05
P&ID - Potable Water System	BK-GCS-PEDCO-120-PR-PI-0024_D05
P&ID - Glycol Sump Drum	BK-GCS-PEDCO-120-PR-PI-0025_D05
P&ID - Fire Water Network	BK-GCS-PEDCO-120-SA-PI-0001_D01
P&ID - Total Flooding System For Extension of Existing Elect. Building	BK-GCS-PEDCO-120-SA-PI-0002_D02
P&ID - Gas Pipeline (to Siahmakan G.I. Station)	BK-PPL-PEDCO-320-PR-PI-0001_D04

ABBREVIATIONS:

CC	CORROSION COUPON
CP/T	CORROSION PROBE/ TRANSMITTER
LSLL	LEVEL SWITCH LOW LOW LEVEL SHUTDOWN
LG/LIT	LEVEL GAUGE/LEVEL INDICATOR TRANSMITTER
PRV/PSV	PRESSURE RILIEF VALVE/SAFTEY VALVE
TRV	TEMPERATURE RILIEF VALVE
PG/PT/PIT	PRESSURE GAUGE/PRESSURE TRANSMITTER/PRESSURE INDICATOR TRANSMITTER
TG/TIT	TEMPERATURE GAUGE/TEMPERATURE INDICATOR TRANSMITTER
ESDV	EMERGENCY SHUTDOWN VALVE
XV	ON/OFF VALVE
BDV	BLOWDOWN VALVE
FE	FLOW ELEMENT
FT	FLOW TRANSMITTER
FCV/LCV/TCV	FLOW CONTROL VALVE/LEVEL CONTROL VALVE/TEMPERATURE CONTROL VALVE
IS	INTRINSICALLY SAFE
R	REDUNDANT
AO/AI	ANALOG OUTPUT/ANALOG INPUT
DO/DI	DIGITAL OUTPUT/DIGITAL INPUT

NOTE.1 : DESIGN PRESSURE BY VENDOR

NOTE.2 : ALL OF TEMPERATURE GAUGES & TEMPERATURE TRANSMITTERS SHALL BE SUPPLIED WITH THERMOWELL.

 NISOC				تجهداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
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053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D00												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
Instrument Index for GCS																							
1	General		Hand held calibrator	-																			
2	General		Corrosion Portable Meter	-																			
3	Gas Compression Inlet Gas Pipeline (Binak)	PG-2101	Pressure Gauge (Bourdon)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	0-16 barg	-	Barg	-	-	-		D02 Modified
4	Gas Compression Inlet Gas Pipeline (Binak)	EZSC-2101	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
5	Gas Compression Inlet Gas Pipeline (Binak)	EZSO-2101	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
6	Gas Compression Inlet Gas Pipeline (Binak)	ESOV-2101	ESD Solenoid Valve	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
7	Gas Compression Inlet Gas Pipeline (Binak)	ESDV-2101	Emergency Shut Down Valve	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67								
8	Gas Compression Inlet Gas Pipeline (Binak)	PG-2102	Pressure Gauge (Bourdon)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	0-16 barg	-	Barg	-	-	-		D02 Modified
9	Gas Compression Inlet Gas Pipeline (Binak)	PIT-2102	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	VTA	0-15 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		
10	Gas Compression Inlet Gas Pipeline (Binak)	TIT-2102	Temperature Indicating Transmitter (RTD)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	0-100 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	
11	Gas Compression Inlet Gas Pipeline (Binak)	FE-2101	Flow Element (Orifice Plate)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-	-	-	-	-		
12	Gas Compression Inlet Gas Pipeline (Binak)	FIT-2101	Flow Indicating Transmitter (Diaphragm)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0012	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-		FIELD-DCS	AI-IS-R	4-20 mA		
13	Gas Compression Inlet Gas Pipeline (Binak)	FCV-2101	Flow Control Valve (Globe Valve)	GAS-111-0001-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
14	Gas Compression Inlet Gas Pipeline (Binak)	FG-2101	Rotameter	CHM-112-0001-AS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0002	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	13.9	7.7	85	AMB	-	-	-	-	-	-		
15	Gas Compression Inlet Gas Pipeline (Binak)	CP-2101	Corrosion Probe (LPR probes)	GAS-111-0101-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-	mm	-	-	-		D02 Modified
16	Gas Compression Inlet Gas Pipeline (Binak)	CC-2101	Corrosion Coupon (Strip Ladder)	GAS-111-0101-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0002	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	7.5	85	46.11/26.67	-	-	mm	-	-	-		D02 Modified
17	Gas Compression Inlet Gas Pipeline (Golkhari)	PG-2103	Pressure Gauge (Bourdon)	GAS-111-0010-FN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	0-16 barg	-	Barg	-	-	-		D02 Modified
18	Gas Compression Inlet Gas Pipeline (Golkhari)	EZSC-2102	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0010-FN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		D02 Modified
19	Gas Compression Inlet Gas Pipeline (Golkhari)	EZSO-2102	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0010-FN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		D02 Modified
20	Gas Compression Inlet Gas Pipeline (Golkhari)	ESOV-2102	ESD Solenoid Valve	GAS-111-0010-FN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		D02 Modified
21	Gas Compression Inlet Gas Pipeline (Binak)	ESDV-2102	Emergency Shut Down Valve (Ball Valve)	GAS-111-0010-FN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5								D02 Modified
22	Gas Compression Inlet Gas Pipeline (Golkhari)	PG-2104	Pressure Gauge (Bourdon)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	0-16 barg	-	Barg	-	-	-		D02 Modified
23	Gas Compression Inlet Gas Pipeline (Golkhari)	PIT-2104	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	VTA	0-15 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
24	Gas Compression Inlet Gas Pipeline (Golkhari)	TIT-2104	Temperature Indicating Transmitter (RTD)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	0-100 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	D02 Modified
25	Gas Compression Inlet Gas Pipeline (Golkhari)	FE-2102	Flow Element (Orifice Plate)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-	-	-	-	-		D02 Modified
26	Gas Compression Inlet Gas Pipeline (Golkhari)	FIT-2102	Flow Indicating Transmitter (Diaphragm)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0012	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-		FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
27	Gas Compression Inlet Gas Pipeline (Golkhari)	FCV-2102	Flow Control Valve (Globe Valve)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		D02 Modified
28	Gas Compression Inlet Gas Pipeline (Golkhari)	FG-2102	Rotameter	CHM-112-0002-AS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0003	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	13.9	7.7	85	AMB	-	-	-	-	-	-		
29	Gas Compression Inlet Gas Pipeline (Golkhari)	CP-2102	Corrosion Probe (LPR probes)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-	mm	-	-	-		D02 Modified
30	Gas Compression Inlet Gas Pipeline (Golkhari)	CC-2102	Corrosion Coupon (Strip Ladder)	GAS-111-0001-FN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0003	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	41.2	7.5	85	32/15.5	-	-	mm	-	-	-		D02 Modified
32	Slug Catcher System	PIT-2111	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0012-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	32/15.5	VTA	0-11 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
33	Slug Catcher System	PSV-2111	Pressure Safety Valve	GAS-111-0013-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	32/15.5	-	-	-	-	-	-		
34	Slug Catcher System	PSV-2112	Pressure Safety Valve	GAS-111-0014-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	32/15.5	-	-	Barg	-	-	-		
35	Slug Catcher System	LIT-2112	Level Indicating Transmitter (DP)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 3)	HC+WATER	V-2104	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	32/15.5	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified

 NISOC				تکداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																				
				INSTRUMENT INDEX																				
شماره پیمان: 053 - 073 – 9184				پرورده	GCS	PEDCO	تسهیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 5 از 19												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.	
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)									
36	Slug Catcher System	PIT-2112	Pressure Indicating Transmitter (Diaphragm)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	HC+WATER	V-2104	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	32/15.5	VTA	0-11 barg	Barg	FIELD-DCS	AI-IS-NR	4-20 mA		D02 Modified	
37	Slug Catcher System	TG-2111	Temperature Gauge (Bimetal)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	HC+WATER	V-2104	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	32/15.5	0-100 °C	-	°C	-	-	-	Note 2	D02 Modified	
38	Slug Catcher System	PG-2111	Pressure Gauge (Bourdon)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	HC+WATER	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	32/15.5	0-10 barg	-	Barg	-	-	-		D02 Modified	
39	Slug Catcher System	PDIT-2111	Differential Pressure Indicating Transmitter (Diaphragm)	GAS-111-0019-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	HC+WATER	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	31.86/15.35	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-NR	4-20 mA		D02 Modified	
40	Slug Catcher System	CP-2111	Corrosion Probe (LPR probes)	GAS-111-0019-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	31.86/15.35	-	-	mm	-	-	-		D02 Modified	
41	Slug Catcher System	CC-2111	Corrosion Coupon (Strip Ladder)	GAS-111-0019-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	31.86/15.35	-	-	mm	-	-	-	-	D02 Modified	
42	Slug Catcher System	LG-2111A	Level Gauge (Reflex)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	LIQUID	V-2104	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	31.86/15.35	VTA		-	-	-	-		D02 Modified	
43	Slug Catcher System	LG-2111B	Level Gauge (Reflex)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	LIQUID	V-2104	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	31.86/15.35								D02 Modified	
44	Slug Catcher System	LIT-2111	Level Indicating Transmitter (DP)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	LIQUID	V-2104	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	31.86/15.35	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA			
61	Slug Catcher System	PG-2114A	Pressure Gauge (Bourdon)	CDH-111-0010-AS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	23.22/8.82	0-60 barg	-	Barg	-	-	-			
62	Slug Catcher System	PIT-2114A	Pressure Indicating Transmitter (Diaphragm)	CDH-111-0010-AS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	23.22/8.82	VTA	0-11 barg	Barg	FIELD-ESD	AI-IS-R				
63	Slug Catcher System	PDG-2114A	Differential Pressure Gauge (Diaphragm)	CDH-111-0010-AS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	23.22/8.82	VTA	0-1 bara	Bara	-	-	-			
64	Slug Catcher System	TG-2112A	Temperature Gauge (Bimetal)	CDH-112-0012-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	23.3	19.5	85	23.22/8.82	0-100 °C	-	°C	-	-	-	Note 2	D02 Modified	
65	Slug Catcher System	PG-2113A	Pressure Gauge (Bourdon)	CDH-112-0012-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	23.3	19.5	85	23.22/8.82	0-60 barg	-	Barg	-	-	-		D02 Modified	
66	Slug Catcher System	PIT-2116A	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0012-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	23.3	19.5	85	23.22/8.82		0-39 barg		FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified	
67	Slug Catcher System	FE-2111	Flow Element (Orifice Plate)	CDH-112-0012-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	23.3	19.5	85	23.22/8.82	-	-	-	-	-	-	-	D02 Modified	
68	Slug Catcher System	FIT-2111	Flow Indicating Transmitter (Diaphragm)	CDH-112-0012-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0012	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	23.3	19.5	85	23.22/8.82	-	-	-	FIELD-DCS	AI-IS-R	4-20 mA	-	D02 Modified	
69	Slug Catcher System	FCV-2111	Flow Control Valve (Globe Valve)	CDH-112-0012-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	23.3	19.5	85	23.22/8.82	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		D02 Modified	
70	Slug Catcher System	PIT-2114	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0015-CN07-4"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	23.3	16.5	85	24.22	VTA	0-36 barg	Barg	FIELD-DCS	AI-IS-NR	4-20 mA		D02 Modified	
71	Slug Catcher System	EZSC-2112	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0015-CN07-4"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	23.3	16.5	85	24.22	-	-	-	FIELD-ESD	DI-NIS-R	24 VDC		D02 Modified	
72	Slug Catcher System	EZSO-2112	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0015-CN07-4"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	23.3	16.5	85	24.22	-	-	-	FIELD-ESD	DI-NIS-R	24 VDC		D02 Modified	
73	Slug Catcher System	ESOV-2112	ESD Solenoid Valve	CDH-112-0015-CN07-4"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	23.3	16.5	85	24.22	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		D02 Modified	
74	Slug Catcher System	XV-2112	ON/OFF VAVLE (Ball Valve)	CDH-112-0015-CN07-4"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	23.3	16.5	85	24.22	-	-	-					D02 Modified	
75	Slug Catcher System	PIT-2115	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0015-CN07-4"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	23.3	16.5	85	24.22	VTA	0-36 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified	
76	Slug Catcher System	TG-2112B	Temperature Gauge (Bimetal)	CDH-112-0013-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	23.3	19.5	85	23.22/8.82	0-100 °C	-	°C	-	-	-	Note 2	D02 Modified	
77	Slug Catcher System	PG-2113B	Pressure Gauge (Bourdon)	CDH-112-0013-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	4.67	1.26	85	23.22/8.82	0-2 barg	-	Barg	-	-	-			
78	Slug Catcher System	PIT-2116B	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0013-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	24.1	19.5	85	AMB	VTA	0-39 barg	Barg	FIELD-DCS	AI-IS-NR	4-20 mA			
79	Slug Catcher System	PG-2114B	Pressure Gauge (Bourdon)	CDH-111-0011-AS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	23.22/8.82	0-2 barg	-	Barg	-	-	-			
80	Slug Catcher System	PIT-2114B	Pressure Indicating Transmitter (Diaphragm)	CDH-111-0011-AS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	23.22/8.82	VTA	0-11 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA			
81	Slug Catcher System	PDG-2114B	Differential Pressure Gauge (Diaphragm)	CDH-111-0011-AS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0004 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.5	85	23.22/8.82	VTA	0-1 bara	Bara	-	-	-			
82	Gas Compression Inlet Knock Out Drum	FG-2111	Rotameter	CHM-112-0003-AS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	ATM	55	AMB	VTA	-	-	-	-	-	-		
83	Gas Compression Inlet Knock Out Drum	TIT-2112	Temperature Indicating Transmitter (RTD)	GAS-111-0005-AN07-10"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	0-100 °C	-	°C	FIELD-DCS	AI-IS-NR	4-20 mA	Note 2		
84	Gas Compression Inlet Knock Out Drum	PIT-2116	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0005-AN07-10"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	VTA	0-11 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA			
85	Gas Compression Inlet Knock Out Drum	LIT-2117	Level Indicating Transmitter (DISPLACER)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	GAS	V-2105	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA			
86	Gas Compression Inlet Knock Out Drum	PIT-2117	Pressure Indicating Transmitter (Diaphragm)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	GAS	V-2105	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	VTA	0-11 barg	Barg	FIELD-DCS	AI-IS-NR	4-20 mA			

 NISOC				تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																					
				INSTRUMENT INDEX																					
شماره پیمان: 053 - 073 – 9184				پروژه	BK	GCS	PEDCO	120	IN	LI	0001	D00		شماره صفحه: 6 از 19											
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.		
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)										
87	Gas Compression Inlet Knock Out Drum	TG-2113	Temperature Gauge (Bimetal)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	GAS	V-2105	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	0-100 °C	-	°C	-	-	-	Note 2			
88	Gas Compression Inlet Knock Out Drum	PG-2114	Pressure Gauge (Bourdon)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	GAS	V-2105	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	0-10 barg	-	Barg	-	-	-				
89	Gas Compression Inlet Knock Out Drum	PDIT-2112	Differential Pressure Indicating Transmitter (Diaphragm)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	GAS	V-2105	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-NR	4-20 mA				
92	Gas Compression Inlet Knock Out Drum	LG-2116	Level Gauge (Reflex)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	V-2105	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	VTA	-	-	-	-	-				
93	Gas Compression Inlet Knock Out Drum	LIT-2119	Level Indicating Transmitter (DP)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	V-2105	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA				
94	Gas Compression Inlet Knock Out Drum	LCV-2114	Level Control Valve (Globe Valve)	CDH-111-0019-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA				
95	Gas Compression Inlet Knock Out Drum	LIT-2118	Level Indicating Transmitter (DISPLACER)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	V-2105	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA				
96	Gas Compression Inlet Knock Out Drum	EZSC-2113	Limit Switch Close (Included in ON-OFF Valve)	CDH-111-0019-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC				
97	Gas Compression Inlet Knock Out Drum	EZSO-2113	Limit Switch Open (Included in ON-OFF Valve)	CDH-111-0019-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC				
98	Gas Compression Inlet Knock Out Drum	ESOV-2113	ESD Solenoid Valve	CDH-111-0019-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER				
99	Gas Compression Inlet Knock Out Drum	ESDV-2113	Emergency Shut Down Valve (Ball Valve)	CDH-111-0019-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-							
100	Gas Compression Inlet Knock Out Drum	PSV-2113	Pressure Safety Valve	GAS-111-0021-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-				
101	Gas Compression Inlet Knock Out Drum	PSV-2114	Pressure Safety Valve	GAS-111-0022-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	Barg	-	-	-	-			
102	Gas Compression Inlet Knock Out Drum	CP-2112	Corrosion Probe (LPR probes)	GAS-111-0025-AN07-10"-PT	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	mm	-	-	-	-			
103	Gas Compression Inlet Knock Out Drum	CC-2112	Corrosion Coupon (Strip Ladder)	GAS-111-0025-AN07-10"-PT	BK-GCS-PEDCO-120-PR-PI-0005	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	mm	-	-	-	-			
104	Gas Compression Inlet Knock Out Drum	TG-2114	Temperature Gauge (Bimetal)	GAS-111-0025-AN07-10"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	0-100 °C	-	°C	-	-	-	Note 2			
105	Gas Compression Inlet Knock Out Drum	PG-2115	Pressure Gauge (Bourdon)	GAS-111-0025-AN07-10"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	0-10 barg	-	Barg	-	-	-				
106	Gas Compression Inlet Knock Out Drum	XZSC-2110	Limit Switch Close (Included in ON-OFF Valve)	FL-112-0017-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	By Vendor			
107	Gas Compression Inlet Knock Out Drum	XZSO-2110	Limit Switch Open (Included in ON-OFF Valve)	FL-112-0017-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	By Vendor			
108	Gas Compression Inlet Knock Out Drum	XV-2110	ON/OFF VAVLE (Ball Valve)	FL-112-0017-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-	-			
109	Gas Compression Inlet Knock Out Drum	PSOV-2110	Process Solenoid Valve	FL-112-0017-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-				
110	Gas Compression Inlet Knock Out Drum	RO-2112	Restriction Orifice	FL-112-0017-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0005	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-				
111	1st Stage Gas Compression Suction Drums	PIT-2121A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031A-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	VTA	0-10 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA				
112	1st Stage Gas Compression Suction Drums	PCV-2123A (By Compressor Vendor)	Pressure Control Valve (Globe Valve)	GAS-111-0045A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	UCP	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA				
113	1st Stage Gas Compression Suction Drums	CZSC-2123A (By Compressor Vendor)	Limit Switch Close (Included in Control Valve)	GAS-111-0045A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	-	-	-				
114	1st Stage Gas Compression Suction Drums	CZSO-2123A (By Compressor Vendor)	Limit Switch Open (Included in Control Valve)	GAS-111-0045A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	-	-	-				
115	1st Stage Gas Compression Suction Drums	PSV-2121A	Pressure Safety Valve	GAS-111-0029A-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	-	-	-				
116	1st Stage Gas Compression Suction Drums	LIT-2122A	Level Indicating Transmitter	V-2101-A	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	V-2101-A	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA				
117	1st Stage Gas Compression Suction Drums	TG-2121A	Temperature Gauge (Bimetal)	V-2101-A	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	V-2101-A	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	0-100 °C	-	°C	-	-	-	Note 2			
118	1st Stage Gas Compression Suction Drums	PG-2121A	Pressure Gauge (Bourdon)	V-2101-A	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	0-10 barg	-	Barg	-	-	-				
119	1st Stage Gas Compression Suction Drums	PDIT-2121A	Differential Pressure Indicating Transmitter (Diaphragm)	V-2101-A	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	V-2101-A	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-NR	4-20 mA				
120	1st Stage Gas Compression Suction Drums	LG-2121A	Level Gauge (Reflex)	V-2101-A	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	V-2101-A	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	-	-	-				
121	1st Stage Gas Compression Suction Drums	LIT-2121A	Level Indicating Transmitter (DISPLACER)	V-2101-A	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	V-2101-A	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified		

 NISOC				تجهاداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
				INSTRUMENT INDEX																			
شماره پیمان:				پروژه		بسته کاری		صادرکننده		تجهیزات		رشته		نوع مدرک		سریال		نسخه					
053 - 073 – 9184				BK		GCS		PEDCO		120		IN		LI		0001		D00	شماره صفحه: 7 از 19				
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
122	1st Stage Gas Compression Suction Drums	XZSC-2122A	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0021A-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
123	1st Stage Gas Compression Suction Drums	XZSO-2122A	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0021A-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
124	1st Stage Gas Compression Suction Drums	XV-2122A	ON/OFF VAVLE (Ball Valve)	CDH-112-0021A-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
125	1st Stage Gas Compression Suction Drums	PSOV-2122A	Process Solenoid Valve	CDH-112-0021A-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER		
126	1st Stage Gas Compression Suction Drums	ESOV-2122A	ESD Solenoid Valve	CDH-112-0021A-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
127	1st Stage Gas Compression Suction Drums	XZSC-2121A	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0026A-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-			-	
128	1st Stage Gas Compression Suction Drums	XZSO-2121A	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0026A-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-			-	
129	1st Stage Gas Compression Suction Drums	PSOV-2121A	Process Solenoid Valve	GAS-111-0026A-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	UCP-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
130	1st Stage Gas Compression Suction Drums	ESOV-2121A	ESD Solenoid Valve	GAS-111-0026A-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
131	1st Stage Gas Compression Suction Drums	XV-2121A	ON/OFF VAVLE (Ball Valve)	GAS-111-0026A-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-	-	
132	1st Stage Gas Compression Suction Drums	PIT-2121B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031B-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	VTA	0-10 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		
133	1st Stage Gas Compression Suction Drums	PCV-2123B	Pressure Control Valve (Globe Valve)	GAS-111-0045B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	UCP	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
134	1st Stage Gas Compression Suction Drums	CZSC-2123B (By Compressor Vendor)	Limit Switch Close (Included in Control Valve)	GAS-111-0045A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	-	-	-		
135	1st Stage Gas Compression Suction Drums	CZSO-2123B (By Compressor Vendor)	Limit Switch Open (Included in Control Valve)	GAS-111-0045A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	-	-	-		
136	1st Stage Gas Compression Suction Drums	PSV-2121B	Pressure Safety Valve	GAS-111-0029B-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	-	-	-		
137	1st Stage Gas Compression Suction Drums	LIT-2122B	Level Indicating Transmitter (DISPLACER)	V-2101-B	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	LIQUID	V-2101-B	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
138	1st Stage Gas Compression Suction Drums	TG-2121B	Temperature Gauge (Bimetal)	V-2101-B	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	V-2101-B	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	0-100 °C	-	°C	-	-	-	Note 2	
139	1st Stage Gas Compression Suction Drums	PG-2121B	Pressure Gauge (Bourdon)	V-2101-B	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	0-10 barg	-	Barg	-	-	-		
140	1st Stage Gas Compression Suction Drums	PDIT-2121B	Differential Pressure Indicating Transmitter (Diaphragm)	V-2101-B	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	V-2101-B	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-NR	4-20 mA		
141	1st Stage Gas Compression Suction Drums	LG-2121B	Level Gauge (Reflex)	V-2101-B	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	LIQUID	V-2101-B	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	-	-	-		
142	1st Stage Gas Compression Suction Drums	LIT-2121B	Level Indicating Transmitter (DISPLACER)	V-2101-B	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	LIQUID	V-2101-B	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
143	1st Stage Gas Compression Suction Drums	XZSC-2122B	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0021B-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
144	1st Stage Gas Compression Suction Drums	XZSO-2122B	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0021B-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
145	1st Stage Gas Compression Suction Drums	XV-2122B	ON/OFF VAVLE (Ball Valve)	CDH-112-0021B-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
146	1st Stage Gas Compression Suction Drums	PSOV-2122B	Process Solenoid Valve	CDH-112-0021B-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER		
147	1st Stage Gas Compression Suction Drums	ESOV-2122B	ESD Solenoid Valve	CDH-112-0021B-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
148	1st Stage Gas Compression Suction Drums	XZSC-2121B	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0026B-AN27-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-	-	
149	1st Stage Gas Compression Suction Drums	XZSO-2121B	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0026B-AN27-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-	-	
150	1st Stage Gas Compression Suction Drums	PSOV-2121B	Process Solenoid Valve	GAS-111-0026B-AN27-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	UCP-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
151	1st Stage Gas Compression Suction Drums	ESOV-2121B	ESD Solenoid Valve	GAS-111-0026B-AN27-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
152	1st Stage Gas Compression Suction Drums	XV-2121B	ON/OFF VAVLE (Ball Valve)	GAS-111-0026B-AN27-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.3	85	37.17/19.23	-	-	-	-	-	-	-	
153	1st Stage Gas Compression Suction Drums	PIT-2121C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031C-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	VTA	0-10 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		
154	1st Stage Gas Compression Suction Drums	PCV-2123C	Pressure Control Valve (Globe Valve)	GAS-111-0045C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	UCP	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
155	1st Stage Gas Compression Suction Drums	CZSC-2123C (By Compressor Vendor)	Limit Switch Close (Included in Control Valve)	GAS-111-0045C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	-	-	-		
156	1st Stage Gas Compression Suction Drums	CZSO-2123C (By Compressor Vendor)	Limit Switch Open (Included in Control Valve)	GAS-111-0045C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	By Compressor Vendor	62	54.1	175	60	-	-	-	-	-	-		

 NISOC				تنگداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 8 از 19											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D00												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION/ PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCATION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
157	1st Stage Gas Compression Suction Drums	PSV-2121C	Pressure Safety Valve	GAS-111-0029C-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	-	-	-		
158	1st Stage Gas Compression Suction Drums	LIT-2122C	Level Indicating Transmitter (DISPLACER)	V-2101-C	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	V-2101-C	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
159	1st Stage Gas Compression Suction Drums	TG-2121C	Temperature Gauge (Bimetal)	V-2101-C	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	V-2101-C	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	0-100 °C	-	°C	-	-	-	Note 2	
160	1st Stage Gas Compression Suction Drums	PG-2121C	Pressure Gauge (Bourdon)	V-2101-C	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	0-10 barg	-	Barg	-	-	-		
161	1st Stage Gas Compression Suction Drums	PDIT-2121C	Differential Pressure Indicating Transmitter (Diaphragm)	V-2101-C	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	V-2101-C	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-NR	4-20 mA		
162	1st Stage Gas Compression Suction Drums	LG-2121C	Level Gauge (Reflex)	V-2101-C	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	V-2101-C	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	-	-	-		
163	1st Stage Gas Compression Suction Drums	LIT-2121C	Level Indicating Transmitter (DISPLACER)	V-2101-C	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	V-2101-C	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.92	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
164	1st Stage Gas Compression Suction Drums	XZSC-2122C	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0021C-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
165	1st Stage Gas Compression Suction Drums	XZSO-2122C	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0021C-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
166	1st Stage Gas Compression Suction Drums	XV-2122C	ON/OFF VAVLE (Ball Valve)	CDH-112-0021C-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
167	1st Stage Gas Compression Suction Drums	PSOV-2122C	Process Solenoid Valve	CDH-112-0021C-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER		
168	1st Stage Gas Compression Suction Drums	ESOV-2122C	ESD Solenoid Valve	CDH-112-0021C-AS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
169	1st Stage Gas Compression Suction Drums	XZSC-2121C	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0026C-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.1	85	36.9/19.0	-	-	-	-	-	-	-	
170	1st Stage Gas Compression Suction Drums	XZSO-2121C	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0026C-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.1	85	36.9/19.0	-	-	-	-	-	-	-	
171	1st Stage Gas Compression Suction Drums	PSOV-2121C	Process Solenoid Valve	GAS-111-0026C-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	9	5.1	85	36.9/19.0	-	-	-	UCP-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
172	1st Stage Gas Compression Suction Drums	ESOV-2121C	ESD Solenoid Valve	GAS-111-0026C-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	9	5.1	85	36.9/19.0	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
173	1st Stage Gas Compression Suction Drums	XV-2121C	ON/OFF VAVLE (Ball Valve)	GAS-111-0026C-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0006 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	5.1	85	36.9/19.0	-	-	-	-	-	-	-	
174	1st Stage Gas Compression Compressors	TG-2122A	Temperature Gauge (Bimetal)	GAS-111-0031A-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	0-100 °C	-	°C	-	-	-	Note 2	
175	1st Stage Gas Compression Compressors	TIT-2121A	Temperature Indicating Transmitter (RTD)	GAS-111-0031A-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	0-100 °C	-	°C	FIELD-DCS	AI-IS-NR	4-20 mA	Note 2	
176	1st Stage Gas Compression Compressors	PIT-2122A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031A-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	VTA	0-10 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
177	1st Stage Gas Compression Compressors	PG-2122A	Pressure Gauge (Bourdon)	GAS-111-0031A-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	0-10 barg	-	Barg	-	-	-		
178	1st Stage Gas Compression Compressors	PSV-2122A	Pressure Safety Valve	GAS-111-0032A-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	-	-	-	-	-	-		
179	1st Stage Gas Compression Compressors	PSV-2123A	Pressure Safety Valve	GAS-111-0033A-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	-	-	-	-	-	-		
180	1st Stage Gas Compression Compressors	PIT-2125A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0036A-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	VTA	0-38 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
181	1st Stage Gas Compression Compressors	TIT-2124A	Temperature Indicating Transmitter (RTD)	GAS-111-0036A-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	0-250 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	
182	1st Stage Gas Compression Compressors	TG-2123A	Temperature Gauge (Bimetal)	GAS-111-0036A-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	0-250 °C	-	°C	-	-	-	Note 2	
183	1st Stage Gas Compression Compressors	PG-2123A	Pressure Gauge (Bourdon)	GAS-111-0036A-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	0-40 barg	-	Barg	-	-	-		
184	1st Stage Gas Compression Compressors	TG-2122B	Temperature Gauge (Bimetal)	GAS-111-0031B-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	0-100 °C	-	°C</					

 NISOC				تجهاداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
				INSTRUMENT INDEX																			
شماره پیمان: 053 - 073 – 9184				پرورده	GCS	PEDCO	120	IN	LI	0001	D00	شماره صفحه: 9 از 19											
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
193	1st Stage Gas Compression Compressors	PG-2123B	Pressure Gauge (Bourdon)	GAS-111-0036B-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	0-40 barg	-	Barg	-	-	-		
194	1st Stage Gas Compression Compressors	TG-2122C	Temperature Gauge (Bimetal)	GAS-111-0031C-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	0-100 °C	-	°C	-	-	-	Note 2	
195	1st Stage Gas Compression Compressors	TIT-2121C	Temperature Indicating Transmitter (RTD)	GAS-111-0031C-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	0-100 °C	-	°C	FIELD-DCS	AI-IS-NR	4-20 mA	Note 2	
196	1st Stage Gas Compression Compressors	PIT-2122C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031C-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	VTA	0-10 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
197	1st Stage Gas Compression Compressors	PG-2122C	Pressure Gauge (Bourdon)	GAS-111-0031C-AN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.78/18.88	0-10 barg	-	Barg	-	-	-		
198	1st Stage Gas Compression Compressors	PSV-2122C	Pressure Safety Valve	GAS-111-0032C-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	-	-	-	-	-	-		
199	1st Stage Gas Compression Compressors	PSV-2123C	Pressure Safety Valve	GAS-111-0033C-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	-	-	-	-	-	-		
200	1st Stage Gas Compression Compressors	PIT-2125C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0036C-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	VTA	0-38 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
201	1st Stage Gas Compression Compressors	TIT-2124C	Temperature Indicating Transmitter (RTD)	GAS-111-0036C-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	0-250 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	
202	1st Stage Gas Compression Compressors	TG-2123C	Temperature Gauge (Bimetal)	GAS-111-0036C-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	0-250 °C	-	°C	-	-	-	Note 2	
203	1st Stage Gas Compression Compressors	PG-2123C	Pressure Gauge (Bourdon)	GAS-111-0036C-CN05-6"-NP	BK-GCS-PEDCO-120-PR-PI-0007 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	19	155	124.8/113.1	0-40 barg	-	Barg	-	-	-		
204	1st Stage Gas Compression Air Coolers	TIT-2126A	Temperature Indicating Transmitter (RTD)	GAS-111-0037A-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	D02 Modified
205	1st Stage Gas Compression Air Coolers	TIT-2125A	Temperature Indicating Transmitter (RTD)	GAS-111-0037A-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	D02 Modified
206	1st Stage Gas Compression Air Coolers	TG-2124A	Temperature Gauge (Bimetal)	GAS-111-0037A-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	-	-	-	Note 2	D02 Modified
207	1st Stage Gas Compression Air Coolers	PG-2124A	Pressure Gauge (Bourdon)	GAS-111-0037A-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-40 barg	-	Barg	-	-	-		D02 Modified
208	1st Stage Gas Compression Air Coolers	TIT-2126B	Temperature Indicating Transmitter (RTD)	GAS-111-0037B-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	D02 Modified
209	1st Stage Gas Compression Air Coolers	TIT-2125B	Temperature Indicating Transmitter (RTD)	GAS-111-0037B-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	D02 Modified
210	1st Stage Gas Compression Air Coolers	TG-2124B	Temperature Gauge (Bimetal)	GAS-111-0037B-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	-	-	-	Note 2	D02 Modified
211	1st Stage Gas Compression Air Coolers	PG-2124B	Pressure Gauge (Bourdon)	GAS-111-0037B-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-40 barg	-	Barg	-	-	-		D02 Modified
212	1st Stage Gas Compression Air Coolers	TIT-2126C	Temperature Indicating Transmitter (RTD)	GAS-111-0037C-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	D02 Modified
213	1st Stage Gas Compression Air Coolers	TIT-2125C	Temperature Indicating Transmitter (RTD)	GAS-111-0037C-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	D02 Modified
214	1st Stage Gas Compression Air Coolers	TG-2124C	Temperature Gauge (Bimetal)	GAS-111-0037C-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-160 °C	-	°C	-	-	-	Note 2	D02 Modified
215	1st Stage Gas Compression Air Coolers	PG-2124C	Pressure Gauge (Bourdon)	GAS-111-0037C-CS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0008 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	22	18.3	150	60	0-40 barg	-	Barg	-	-	-		D02 Modified
216	2nd Stage Gas Compression Suction Drums	PSV-2131A	Pressure Safety Valve	GAS-111-0042A-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	
217	2nd Stage Gas Compression Suction Drums	LIT-2132A	Level Indicating Transmitter(DISPLACER)	V-2102-A	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	V-2102-A	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA	-	D02 Modified
218	2nd Stage Gas Compression Suction Drums	TG-2131A	Temperature Gauge (Bimetal)	V-2102-A	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	V-2102-A	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	0-160 °C	-	°C	-	-	-	Note 2	
219	2nd Stage Gas Compression Suction Drums	PG-2131A	Pressure Gauge (Bourdon)	V-2102-A	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	0-40 barg	-	Barg	-	-	-		
220	2nd Stage Gas Compression Suction Drums	PDIT-2131A	Differential Pressure Indicating Transmitter (Diaphragm)	V-2102-A	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	V-2102-A	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	0-1 bara	Bara	DCS	AI-IS-NR	4-20 mA	-	
221	2nd Stage Gas Compression Suction Drums	LG-2131A	Level Gauge (Reflex)	V-2102-A	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	V-2102-A	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	-	-	-	-	
222	2nd Stage Gas Compression Suction Drums	LIT-2131A	Level Indicating Transmitter(DISPLACER)	V-2102-A	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	V-2102-A	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA	-	D02 Modified
223	2nd Stage Gas Compression Suction Drums	XZSC-2131A	Limit Switch Close (Included in ON-OFF Valve)	CDH-111-0023A-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
224	2nd Stage Gas Compression Suction Drums	XZSO-2131A	Limit Switch Open (Included in ON-OFF Valve)	CDH-111-0023A-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
225	2nd Stage Gas Compression Suction Drums	PSOV-2131A	Process Solenoid Valve	CDH-111-0023A-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
226	2nd Stage Gas Compression Suction Drums	ESOV-2131A	ESD Solenoid Valve	CDH-111-0023A-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
227	2nd Stage Gas Compression Suction Drums	XV-2131A	ON/OFF VAVLE (Ball Valve)	CDH-111-0023A-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	-	-	-	-	

 NISOC				تجهاداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
				INSTRUMENT INDEX																			
شماره پیمان: 053 - 073 – 9184				پروژه	BK	بسته کاری	GCS	صادرکننده	PEDCO	تجهیزات	120	رشته	IN	نوع مدرک	LI	سریال	0001	نسخه	D00	شماره صفحه: 10 از 19			
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
228	2nd Stage Gas Compression Suction Drums	RO-2131A	Restriction Orifice	CDH-111-0023A-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	-	-	-	-	-
229	2nd Stage Gas Compression Suction Drums	RO-2134A	Restriction Orifice	GAS-111-0160A-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	-
230	2nd Stage Gas Compression Suction Drums	BZSC-2134A	Limit Switch Close (Included in blowdown Valve)	FL-112-0119A-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
231	2nd Stage Gas Compression Suction Drums	BZSO-2134A	Limit Switch Open (Included in blowdown Valve)	FL-112-0119A-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
232	2nd Stage Gas Compression Suction Drums	BSOV-2134A	BDV Solenoid Valve	FL-112-0119A-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
233	2nd Stage Gas Compression Suction Drums	PSOV-2134A	Process Solenoid Valve	FL-112-0119A-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
234	2nd Stage Gas Compression Suction Drums	BDV-2134A	Blowdown valve	FL-112-0119A-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	-
235	2nd Stage Gas Compression Suction Drums	PSV-2131B	Pressure Safety Valve	GAS-111-0042B-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	-
236	2nd Stage Gas Compression Suction Drums	LIT-2132B	Level Indicating Transmitter(DISPLACER)	V-2102-B	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	V-2102-B	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA	-	D02 Modified
237	2nd Stage Gas Compression Suction Drums	TG-2131B	Temperature Gauge (Bimetal)	V-2102-B	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	V-2102-B	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	0-160 °C	-	°C	-	-	-	Note 2	-
238	2nd Stage Gas Compression Suction Drums	PG-2131B	Pressure Gauge (Bourdon)	V-2102-B	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	0-40 barg	-	Barg	-	-	-	-	-
239	2nd Stage Gas Compression Suction Drums	PDIT-2131B	Differential Pressure Indicating Transmitter (Dianphraam)	V-2102-B	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	V-2102-B	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-NR	4-20 mA	-	-
240	2nd Stage Gas Compression Suction Drums	LG-2131B	Level Gauge (Reflex)	V-2102-B	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	V-2102-B	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	-	-	-	-	-
241	2nd Stage Gas Compression Suction Drums	LIT-2131B	Level Indicating Transmitter(DISPLACER)	V-2102-B	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	V-2102-B	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA	-	D02 Modified
242	2nd Stage Gas Compression Suction Drums	XZSC-2131B	Limit Switch Close (Included in ON-OFF Valve)	CDH-111-0023B-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
243	2nd Stage Gas Compression Suction Drums	XZSO-2131B	Limit Switch Open (Included in ON-OFF Valve)	CDH-111-0023B-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
244	2nd Stage Gas Compression Suction Drums	PSOV-2131B	Process Solenoid Valve	CDH-111-0023B-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
245	2nd Stage Gas Compression Suction Drums	ESOV-2131B	ESD Solenoid Valve	CDH-111-0023B-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
246	2nd Stage Gas Compression Suction Drums	XV-2131B	ON/OFF VAVLE (Ball Valve)	CDH-111-0023B-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	-	-	-	-	-
247	2nd Stage Gas Compression Suction Drums	RO-2131B	Restriction Orifice	CDH-111-0023B-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	-	-	-	-	-
248	2nd Stage Gas Compression Suction Drums	RO-2134B	Restriction Orifice	GAS-111-0160B-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	-
249	2nd Stage Gas Compression Suction Drums	BZSC-2131B	Limit Switch Close (Included in blowdown Valve)	FL-112-0119B-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
250	2nd Stage Gas Compression Suction Drums	BZSO-2131B	Limit Switch Open (Included in blowdown Valve)	FL-112-0119B-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
251	2nd Stage Gas Compression Suction Drums	BSOV-2131B	BDV Solenoid Valve	FL-112-0119B-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
252	2nd Stage Gas Compression Suction Drums	PSOV-2131B	Process Solenoid Valve	FL-112-0119B-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
253	2nd Stage Gas Compression Suction Drums	BDV-2131B	Blowdown valve	FL-112-0119B-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	-
254	2nd Stage Gas Compression Suction Drums	PSV-2131C	Pressure Safety Valve	GAS-111-0042C-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	-
255	2nd Stage Gas Compression Suction Drums	LIT-2132C	Level Indicating Transmitter(DISPLACER)	V-2102-C	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	V-2102-C	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA	-	D02 Modified
256	2nd Stage Gas Compression Suction Drums	TG-2131C	Temperature Gauge (Bimetal)	V-2102-C	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	V-2102-C	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	0-160 °C	-	°C	-	-	-	Note 2	-
257	2nd Stage Gas Compression Suction Drums	PG-2131C	Pressure Gauge (Bourdon)	V-2102-C	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	0-40 barg	-	Barg	-	-	-	-	-
258	2nd Stage Gas Compression Suction Drums	PDIT-2131C	Differential Pressure Indicating Transmitter (Dianphraam)	V-2102-C	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	V-2102-C	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-NR	4-20 mA	-	-
259	2nd Stage Gas Compression Suction Drums	LG-2131C	Level Gauge (Reflex)	V-2102-C	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	V-2102-C	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	-	-	-	-	-
260	2nd Stage Gas Compression Suction Drums	LIT-2131C	Level Indicating Transmitter(DISPLACER)	V-2102-C	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	V-2102-C	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA	-	D02 Modified
261	2nd Stage Gas Compression Suction Drums	XZSC-2131C	Limit Switch Close (Included in ON-OFF Valve)	CDH-111-0023C-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
262	2nd Stage Gas Compression Suction Drums	XZSO-2131C	Limit Switch Open (Included in ON-OFF Valve)	CDH-111-0023C-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
263	2nd Stage Gas Compression Suction Drums	PSOV-2131C	Process Solenoid Valve	CDH-111-0023C-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-

 NISOC				تجهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تجهیزات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 11 از 19											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D00												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION/ PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCATION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
264	2nd Stage Gas Compression Suction Drums	ESOV-2131C	ESD Solenoid Valve	CDH-111-0023C-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
265	2nd Stage Gas Compression Suction Drums	XV-2131C	ON/OFF VAVLE (Ball Valve)	CDH-111-0023C-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	-	-	-	-	
266	2nd Stage Gas Compression Suction Drums	RO-2131C	Restriction Orifice	CDH-111-0023C-CS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	-	-	-	-	-	-	-	
267	2nd Stage Gas Compression Suction Drums	RO-2134C	Restriction Orifice	GAS-111-0160C-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	
268	2nd Stage Gas Compression Suction Drums	BZSC-2131C	Limit Switch Close (Included in blowdown Valve)	FL-112-0119C-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
269	2nd Stage Gas Compression Suction Drums	BZSO-2131C	Limit Switch Open (Included in blowdown Valve)	FL-112-0119C-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
270	2nd Stage Gas Compression Suction Drums	BSOV-2131C	BDV Solenoid Valve	FL-112-0119C-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
271	2nd Stage Gas Compression Suction Drums	PSOV-2131C	Process Solenoid Valve	FL-112-0119C-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
272	2nd Stage Gas Compression Suction Drums	BDV-2131C	Blowdown valve	FL-112-0119C-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0009 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.3	115.5	60	-	-	-	-	-	-	-	
273	2nd Stage Gas Compression Compressors	TG-2132A	Temperature Gauge (Bimetal)	GAS-111-0044A-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	0-160 °C	-	°C	-	-	-	Note 2	
274	2nd Stage Gas Compression Compressors	TIT-2131A	Temperature Indicating Transmitter (RTD)	GAS-111-0044A-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	0-160 °C	-	°C	FIELD-DCS	AI-IS-NR	4-20 mA	Note 2	
275	2nd Stage Gas Compression Compressors	PIT-2131A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0044A-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	VTA	0-37 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
276	2nd Stage Gas Compression Compressors	PG-2132A	Pressure Gauge (Bourdon)	GAS-111-0044A-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	0-40 barg	-	Barg	-	-	-		
277	2nd Stage Gas Compression Compressors	PSV-2132A	Pressure Safety Valve	GAS-111-0047A-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	-	-	-	-	-	-		
278	2nd Stage Gas Compression Compressors	PSV-2133A	Pressure Safety Valve	GAS-111-0048A-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	-	-	-	-	-	-		
279	2nd Stage Gas Compression Compressors	PIT-2134A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0051A-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	VTA	0-109 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
280	2nd Stage Gas Compression Compressors	TIT-2134A	Temperature Indicating Transmitter (RTD)	GAS-111-0051A-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-400 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	
281	2nd Stage Gas Compression Compressors	TG-2133A	Temperature Gauge (Bimetal)	GAS-111-0051A-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-400 °C	-	°C	-	-	-	Note 2	
282	2nd Stage Gas Compression Compressors	PG-2133A	Pressure Gauge (Bourdon)	GAS-111-0051A-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-100 barg	-	Barg	-	-	-		
283	2nd Stage Gas Compression Compressors	TG-2132B	Temperature Gauge (Bimetal)	GAS-111-0044B-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	0-160 °C	-	°C	-	-	-	Note 2	
284	2nd Stage Gas Compression Compressors	TIT-2131B	Temperature Indicating Transmitter (RTD)	GAS-111-0044B-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	0-160 °C	-	°C	FIELD-DCS	AI-IS-NR	4-20 mA	Note 2	
285	2nd Stage Gas Compression Compressors	PIT-2131B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0044B-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	VTA	0-37 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
286	2nd Stage Gas Compression Compressors	PG-2132B	Pressure Gauge (Bourdon)	GAS-111-0044B-CN05-6"-ET	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/22	18.1	115.5	59.88	0-40 barg	-	Barg	-	-	-		
287	2nd Stage Gas Compression Compressors	PSV-2132B	Pressure Safety Valve	GAS-111-0047B-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	-	-	-	-	-	-		
288	2nd Stage Gas Compression Compressors	PSV-2133B	Pressure Safety Valve	GAS-111-0048B-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	-	-	-	-	-	-		
289	2nd Stage Gas Compression Compressors	PIT-2134B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0051B-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	VTA	0-109 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
290	2nd Stage Gas Compression Compressors	TIT-2134B	Temperature Indicating Transmitter (RTD)	GAS-111-0051B-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-400 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	
291	2nd Stage Gas Compression Compressors	TG-2133B	Temperature Gauge (Bimetal)	GAS-111-0051B-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-400 °C	-	°C	-	-	-	Note 2	
292	2nd Stage Gas Compression Compressors	PG-2133B	Pressure Gauge (Bourdon)	GAS-111-0051B-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-100 barg	-	Barg	-	-	-		

 NISOC				تجهاداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
				احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
				INSTRUMENT INDEX																			
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تسمیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 12 از 19											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D00												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION / PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCATION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
299	2nd Stage Gas Compression Compressors	PIT-2134C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0051C-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	VTA	0-109 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
300	2nd Stage Gas Compression Compressors	TIT-2134C	Temperature Indicating Transmitter (RTD)	GAS-111-0051C-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-400 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	
301	2nd Stage Gas Compression Compressors	TG-2133C	Temperature Gauge (Bimetal)	GAS-111-0051C-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-400 °C	-	°C	-	-	-	Note 2	
302	2nd Stage Gas Compression Compressors	PG-2133C	Pressure Gauge (Bourdon)	GAS-111-0051C-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0010 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.8	175	149.5/142.3	0-100 barg	-	Barg	-	-	-		
303	2nd Stage Gas Compression Air Coolers	TIT-2135A	Temperature Indicating Transmitter (RTD)	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	
304	2nd Stage Gas Compression Air Coolers	TIT-2136A	Temperature Indicating Transmitter (RTD)	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	
305	2nd Stage Gas Compression Air Coolers	TG-2134A	Temperature Gauge (Bimetal)	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	-	-	-	Note 2	
306	2nd Stage Gas Compression Air Coolers	PG-2134A	Pressure Gauge (Bourdon)	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-100 barg	-	Barg	-	-	-		
307	2nd Stage Gas Compression Air Coolers	FG-2132A	Rotameter	CHM-112-0005A-FS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	ATM	55	AMB	-	-	-	-	-	-	-	
308	2nd Stage Gas Compression Air Coolers	PIT-2135A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0057A-FS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	VTA	0-109 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA	-	
309	2nd Stage Gas Compression Air Coolers	PCV-2135	Pressure Control Valve (Globe Valve)	GAS-111-0057A-FS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	
310	2nd Stage Gas Compression Air Coolers	RO-2133A	Restriction Orifice	FL-112-0023A-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	-	-	-	-	
311	2nd Stage Gas Compression Air Coolers	BZSC-2132A	Limit Switch Close (Included in blowdown Valve)	GAS-111-0054A-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
312	2nd Stage Gas Compression Air Coolers	BZSO-2132A	Limit Switch Open (Included in blowdown Valve)	GAS-111-0054A-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
313	2nd Stage Gas Compression Air Coolers	PSOV-2132A	Process Solenoid Valve	GAS-111-0054A-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
314	2nd Stage Gas Compression Air Coolers	BSOV-2132A	BDV Solenoid Valve	GAS-111-0054A-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
315	2nd Stage Gas Compression Air Coolers	BDV-2132A	Blowdown valve	GAS-111-0054B-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	-	-	-	-	
316	2nd Stage Gas Compression Air Coolers	XZSC-2133A	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
317	2nd Stage Gas Compression Air Coolers	XZSO-2133A	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
318	2nd Stage Gas Compression Air Coolers	PSOV-2133A	Process Solenoid Valve	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
319	2nd Stage Gas Compression Air Coolers	ESOV-2133A	ESD Solenoid Valve	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
320	2nd Stage Gas Compression Air Coolers	XV-2133A	ON/OFF VAVLE (Ball Valve)	GAS-111-0058A-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	-	-	-	-	
321	2nd Stage Gas Compression Air Coolers	TIT-2135B	Temperature Indicating Transmitter (RTD)	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	
322	2nd Stage Gas Compression Air Coolers	TIT-2136B	Temperature Indicating Transmitter (RTD)	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2	
323	2nd Stage Gas Compression Air Coolers	TG-2134B	Temperature Gauge (Bimetal)	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	-	-	-	Note 2	
324	2nd Stage Gas Compression Air Coolers	PG-2134B	Pressure Gauge (Bourdon)	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-100 barg	-	Barg	-	-	-		
325	2nd Stage Gas Compression Air Coolers	FG-2132B	Rotameter	CHM-112-0005B-FS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	ATM	55	AMB	-	-	-	-	-	-	-	
326	2nd Stage Gas Compression Air Coolers	PIT-2135B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0057B-FS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	VTA	0-109 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA	-	
327	2nd Stage Gas Compression Air Coolers	PCV-2134B	Pressure Control Valve (Globe Valve)	GAS-111-0057B-FS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	
328	2nd Stage Gas Compression Air Coolers	RO-2133B	Restriction Orifice	FL-112-0023B-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-001															

 NISOC				تجهاداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																				
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تمییدلات	رشته	نوع مدرک	سریال	نسخه		شماره صفحه: 13 از 19											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001		D00												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.	
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION/ PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCATION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)									
334	2nd Stage Gas Compression Air Coolers	XZSC-2133B	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-		
335	2nd Stage Gas Compression Air Coolers	XZSO-2133B	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-		
336	2nd Stage Gas Compression Air Coolers	PSOV-2133B	Process Solenoid Valve	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-		
337	2nd Stage Gas Compression Air Coolers	ESOV-2133B	ESD Solenoid Valve	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-		
338	2nd Stage Gas Compression Air Coolers	XV-2133B	ON/OFF VAVLE (Ball Valve)	GAS-111-0058B-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (2 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	-	-	-	-	-	
339	2nd Stage Gas Compression Air Coolers	TIT-2135C	Temperature Indicating Transmitter (RTD)	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2		
340	2nd Stage Gas Compression Air Coolers	TIT-2136C	Temperature Indicating Transmitter (RTD)	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	FIELD-ESD	AI-IS-R	4-20 mA	Note 2		
341	2nd Stage Gas Compression Air Coolers	TG-2134C	Temperature Gauge (Bimetal)	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-160 °C	-	°C	-	-	-	Note 2		
342	2nd Stage Gas Compression Air Coolers	PG-2134C	Pressure Gauge (Bourdon)	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	0-100 barg	-	Barg	-	-	-			
343	2nd Stage Gas Compression Air Coolers	FG-2132C	Rotameter	CHM-112-0005C-FS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	ATM	55	AMB	-	-	-	-	-	-	-	-	
344	2nd Stage Gas Compression Air Coolers	PIT-2135C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0057C-FS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	VTA	0-109 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA	-		
345	2nd Stage Gas Compression Air Coolers	PCV-2134C	Pressure Control Valve (Globe Valve)	GAS-111-0057C-FS00-4"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-		
346	2nd Stage Gas Compression Air Coolers	RO-2133C	Restriction Orifice	FL-112-0023C-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	-	-	-	-	-	
347	2nd Stage Gas Compression Air Coolers	BZSC-2132C	Limit Switch Close (Included in blowdown Valve)	GAS-111-0054C-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-		
348	2nd Stage Gas Compression Air Coolers	BZSO-2132C	Limit Switch Open (Included in blowdown Valve)	GAS-111-0054C-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-		
349	2nd Stage Gas Compression Air Coolers	PSOV-2132C	Process Solenoid Valve	GAS-111-0054C-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-		
350	2nd Stage Gas Compression Air Coolers	BSOV-2132C	BDV Solenoid Valve	GAS-111-0054C-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-		
351	2nd Stage Gas Compression Air Coolers	BDV-2132C	Blowdown valve	GAS-111-0054C-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	-	-	-	-	-	
352	2nd Stage Gas Compression Air Coolers	XZSC-2133C	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-		
353	2nd Stage Gas Compression Air Coolers	XZSO-2133C	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-		
354	2nd Stage Gas Compression Air Coolers	PSOV-2133C	Process Solenoid Valve	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-		
355	2nd Stage Gas Compression Air Coolers	ESOV-2133C	ESD Solenoid Valve	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-		
356	2nd Stage Gas Compression Air Coolers	XV-2133C	ON/OFF VAVLE (Ball Valve)	GAS-111-0058C-FS00-6"-NP	BK-GCS-PEDCO-120-PR-PI-0011 (3 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	54.1	175	60	-	-	-	-	-	-	-	-	
357	2nd Stage Gas Compression Discharge Drum	FG-2142	Rotameter	CHM-112-0006-FS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	ATM	55	AMB	-	-	-	-	-	-	-	-	
358	2nd Stage Gas Compression Discharge Drum	FG-2141	Rotameter	CHM-112-0010-FS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	ATM	55	AMB	-	-	-	-	-	-	-	-	D02 Modified
359	2nd Stage Gas Compression Discharge Drum	PSV-2141	Pressure Safety Valve	GAS-111-0060-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	-	-	-	-	-	D02 Modified
360	2nd Stage Gas Compression Discharge Drum	PSV-2142	Pressure Safety Valve	GAS-111-0062-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	-	-	-	-	-	D02 Modified
361	2nd Stage Gas Compression Discharge Drum	BZSC-2141	Limit Switch Close (Included in blowdown Valve)	GAS-111-0065-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89									

 NISOC				تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
				INSTRUMENT INDEX																			
شماره پیمان:				پروژه		بسته کاری		صادرکننده		تسهیلات		رشته		نوع مدرک		سریال		نسخه					
053 - 073 – 9184				BK		GCS		PEDCO		120		IN		LI		0001		D00	شماره صفحه: 14 از 19				
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
371	2nd Stage Gas Compression Discharge Drum	XZSO-2142	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0066-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	D02 Modified
372	2nd Stage Gas Compression Discharge Drum	ESOV-2142	ESD Solenoid Valve	GAS-111-0066-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	D02 Modified
373	2nd Stage Gas Compression Discharge Drum	PSOV-2142	Process Solenoid Valve	GAS-111-0066-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	D02 Modified
374	2nd Stage Gas Compression Discharge Drum	XV-2142	ON/OFF VAVLE (Ball Valve)	GAS-111-0065-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	-	-	-	-	D02 Modified
375	2nd Stage Gas Compression Discharge Drum	XZSC-2143	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0366-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	D02 Modified
376	2nd Stage Gas Compression Discharge Drum	XZSO-2143	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0366-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	D02 Modified
377	2nd Stage Gas Compression Discharge Drum	ESOV-2143	ESD Solenoid Valve	GAS-111-0366-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	D02 Modified
378	2nd Stage Gas Compression Discharge Drum	PSOV-2143	Process Solenoid Valve	GAS-111-0366-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	D02 Modified
379	2nd Stage Gas Compression Discharge Drum	XV-2143	ON/OFF VAVLE (Ball Valve)	GAS-111-0366-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	-	-	-	-	D02 Modified
380	2nd Stage Gas Compression Discharge Drum	PDIT-2143	Differential Pressure Indicating Transmitter (Diaphragm)	GAS-111-0366-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	VTA	0-1 bara	Bara	FIELD-DCS	AI-IS-R	4-20 mA	-	D02 Modified
381	2nd Stage Gas Compression Discharge Drum	LIT-2142	Level Indicating Transmitter (DISPLACER)	V-2103	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	V-2103	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA	-	D02 Modified
382	2nd Stage Gas Compression Discharge Drum	TG-2141	Temperature Gauge (Bimetal)	V-2103	BK-GCS-PEDCO-120-PR-PI-0012	GAS	V-2103	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	0-160 °C	-	°C	-	-	-	Note 2	D02 Modified
383	2nd Stage Gas Compression Discharge Drum	PG-2141	Pressure Gauge (Bourdon)	V-2103	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	0-100 barg	-	Barg	-	-	-	-	D02 Modified
384	2nd Stage Gas Compression Discharge Drum	PDIT-2141	Differential Pressure Indicating Transmitter (Diaphragm)	V-2103	BK-GCS-PEDCO-120-PR-PI-0012	GAS	V-2103	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	VTA	0-1 bara	Barg	FIELD-DCS	AI-IS-NR	4-20 mA	-	D02 Modified
385	2nd Stage Gas Compression Discharge Drum	LG-2141	Level Gauge (Reflex)	V-2103	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	V-2103	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	VTA	-	-	-	-	-	-	D02 Modified
386	2nd Stage Gas Compression Discharge Drum	LIT-2141	Level Indicating Transmitter (DISPLACER)	V-2103	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	V-2103	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA	-	D02 Modified
388	2nd Stage Gas Compression Discharge Drum	RO-2144	Restriction Orifice	CDH-112-0025-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	-	-	-	-	D02 Modified
389	2nd Stage Gas Compression Discharge Drum	XZSC-2144	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0025-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-R	24 VDC	-	D02 Modified
390	2nd Stage Gas Compression Discharge Drum	XZSO-2144	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0025-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-R	24 VDC	-	D02 Modified
391	2nd Stage Gas Compression Discharge Drum	ESOV-2144	ESD Solenoid Valve	CDH-112-0025-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	D02 Modified
392	2nd Stage Gas Compression Discharge Drum	PSOV-2144	Process Solenoid Valve	CDH-112-0025-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	D02 Modified
393	2nd Stage Gas Compression Discharge Drum	XV-2144	ON/OFF VAVLE (Ball Valve)	CDH-112-0025-FS00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0012	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/62	53.9	130	59.89	-	-	-	-	-	-	-	D02 Modified
394	Gas Compression Dehydration Package	FG-2151	Rotameter	CHM-112-0011-FS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	ATM	55	AMB	-	-	-	-	-	-	-	
395	Gas Compression Dehydration Package	BZSC-2151	Limit Switch Close (Included in blowdown Valve)	FL-112-0002-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
396	Gas Compression Dehydration Package	BZSO-2151	Limit Switch Open (Included in blowdown Valve)	FL-112-0002-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
397	Gas Compression Dehydration Package	BSOV-2151	BDV Solenoid Valve	FL-112-0002-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
398	Gas Compression Dehydration Package	BDV-2151	Blowdown valve	FL-112-0002-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	-	-	-	-	-	
399	Gas Compression Dehydration Package	RO-2151	Restriction Orifice	FL-112-0002-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	-	-	-	-	-	
400	Gas Compression Dehydration Package	PIT-2151	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0072-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	VTA	0-105 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA	-	
401	Gas Compression Dehydration Package	PCV-2151	Pressure Control Valve (Globe Valve)	FL-112-0029-AN07-6"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	
402	Gas Compression Dehydration Package	PCV-2152	Pressure Control Valve (Globe Valve)	GAS-111-0072-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	
403	Gas Compression Dehydration Package	CP-2151	Corrosion Probe (LPR probes)	GAS-111-0072-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	mm	-	-	-	-	D02 Modified
404	Gas Compression Dehydration Package	CC-2151	Corrosion Coupon (Strip Ladder)	GAS-111-0072-FN05-6"-PT	BK-GCS-PEDCO-120-PR-PI-0013 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	62	52.9	85	59.40/59.36	-	-	mm	-	-	-	-	D02 Modified
405	Lean Glycol Storage Tank	TG-2161	Temperature Gauge (Bimetal)	TEG-111-0001-AN04-2"-PT	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	1.9	1.5	85	50	0-100 °C	-	°C	-	-	-	Note 2	D02 Modified

 NISOC				تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
				INSTRUMENT INDEX																			
شماره پیمان:				پروژه		بسته کاری		صادرکننده		تسهیلات		رشته		نوع مدرک		سریال		نسخه					
053 - 073 – 9184				BK		GCS		PEDCO		120		IN		LI		0001		D00	شماره صفحه: 15 از 19				
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION / PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
406	Lean Glycol Storage Tank	PG-2161	Pressure Gauge (Diaphragm)	NIT-112-0010-AN01-1"-PT	BK-GCS-PEDCO-120-PR-PI-0014	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	1.9	1.5	85	50	0-1 barg	-	Barg	-	-	-		D02 Modified
407	Lean Glycol Storage Tank	PVSV-2161	Pressure Vacation Safety Valve	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	GAS	TK-2102	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.1	85	AMB	VTA	-	-	-	-	-	1	
408	Lean Glycol Storage Tank	PVSV-2162	Pressure Vacation Safety Valve	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	GAS	TK-2102	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.1	85	AMB	VTA	-	-	-	-	-		
409	Lean Glycol Storage Tank	PRV-2161	Pressure Relief Valve	NIT-112-0010-AN01-1"-PT	BK-GCS-PEDCO-120-PR-PI-0014	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.5	85	AMB	VTA	-	-	-	-	-		
410	Lean Glycol Storage Tank	PRV-2162	Pressure Relief Valve	NIT-112-0010-AN01-1"-PT	BK-GCS-PEDCO-120-PR-PI-0014	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.1	85	AMB	VTA	-	-	-	-	-		
412	Lean Glycol Storage Tank	PG-2162	Pressure Gauge (Diaphragm)	TEG-111-0007-AN04-2"-PT	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	1.9	1.5	85	50	0-2.5 barg	-	Barg	-	-	-		
413	Lean Glycol Storage Tank	LG-2162A	Level Gauge (Reflex)	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	TK-2102	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	1.9	1.5	85	50	VTA	-	-	-	-	-		D02 Modified
414	Lean Glycol Storage Tank	LG-2162B	Level Gauge (Reflex)	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	TK-2102	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	1.9	1.5	85	50	VTA	-	-	-	-	-		D02 Modified
415	Lean Glycol Storage Tank	LG-2162C	Level Gauge (Reflex)	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	TK-2102	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	1.9	1.5	85	50	VTA	-	-	-	-	-		D02 Modified
416	Lean Glycol Storage Tank	LIT-2162	Level Indicating Transmitter (DP)	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	TK-2102	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.1	85	AMB	VTA	-	-	FIELD-DCS	AI-IS-NR	4-20 mA		D02 Modified
417	Lean Glycol Storage Tank	LIT-2161	Level Indicating Transmitter (DP)	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	TK-2102	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.1	85	AMB	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
418	Lean Glycol Storage Tank	PIT-2161	Pressure Indicating Transmitter (Diaphragm)	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.1	85	AMB	VTA	-	Barg	FIELD-DCS	AI-IS-R	4-20 mA		
419	Lean Glycol Storage Tank	CC-2162	Corrosion Coupon (Strip Ladder)	TK-2102	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER+160 mbarg/-7mbarg	0.1	85	AMB	-	-	-	-	-	-		
420	Lean Glycol Storage Tank	PG-2298	Pressure Gauge (Bourdon)	TEG-111-0004-AN04-2"-PT	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	4	0.5	85	50	0-1 barg	-	Barg	-	-	-		
421	Lean Glycol Storage Tank	PG-2163A	Pressure Gauge (Bourdon)	TEG-111-0002-AN04-2"-PT	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.1	2.07	85	50	0-4 barg	-	Barg	-	-	-		D02 Modified
422	Lean Glycol Storage Tank	PG-2163B	Pressure Gauge (Bourdon)	TEG-111-0006-AN04-2"-PT	BK-GCS-PEDCO-120-PR-PI-0014	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.1	2.07	85	50	0-4 barg	-	Barg	-	-	-		D02 Modified
423	Instrument & Plant Air System	PIT-2202	Pressure Indicating Transmitter (Diaphragm)	PLA-112-0010-AN04-1 1/2"-PT	BK-GCS-PEDCO-120-PR-PI-0015 (1 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	90	65	VTA	0-18 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
424	Instrument & Plant Air System	PIT-2201	Pressure Indicating Transmitter (Diaphragm)	PLA-112-0010-AN04-1 1/2"-PT	BK-GCS-PEDCO-120-PR-PI-0015 (1 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	90	65	VTA	0-18 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
425	Instrument & Plant Air System	PCV-2201	Pressure Control Valve (Globe Valve)	PLA-112-0010-AN04-1 1/2"-PT	BK-GCS-PEDCO-120-PR-PI-0015 (1 of 2)	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	90	65	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
426	Instrument & Plant Air System	ESOV-2201	ESD Solenoid Valve	PLA-112-0010-AN04-1 1/2"-PT	BK-GCS-PEDCO-120-PR-PI-0015 (1 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	90	65	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	D02 Modified
430	Instrument & Plant Air System	PIT-2203	Pressure Indicating Transmitter (Diaphragm)	ISA-112-0012-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	85	65	VTA	0-16 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
431	Instrument & Plant Air System	PG-2201	Pressure Gauge (Bourdon)	ISA-112-0012-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	85	65	0-16 barg	-	Barg	-	-	-		D02 Modified
432	Instrument & Plant Air System	PRV-2201	Pressure Relief Valve	ISA-112-0012-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	85	65	VTA	-	-	-	-	-		D02 Modified
433	Instrument & Plant Air System	PIT-2201A	Pressure Indicating Transmitter (Diaphragm)	ISA-112-0012-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	12.5	4.5	85	65	VTA	0-16 barg	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
434	Instrument & Plant Air System	PIT-2201B	Pressure Indicating Transmitter (Diaphragm)	ISA-112-0012-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	12.5	4.5	85	65	VTA	0-16 barg	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
435	Instrument & Plant Air System	PIT-2201C	Pressure Indicating Transmitter (Diaphragm)	ISA-112-0012-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	12.5	4.5	85	65	VTA	0-16 barg	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
436	Instrument & Plant Air System	PSV-2201	Pressure Safety Valve	ISA-112-0008-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	4.5	85	65	-	-	-	-	-	-	-	D02 Modified
438	Instrument & Plant Air System	PG-2202	Pressure Gauge (Bourdon)	V-2203	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	85	65	0-16 barg	-	Barg	-	-	-		D02 Modified
439	Instrument & Plant Air System	LG-2201	Level Gauge (Reflex)	V-2203	BK-GCS-PEDCO-120-PR-PI-0015 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	9	85	65	VTA	-	-	-	-	-	-	D02 Modified
443	Nitrogen Generation System	PG-2211	Pressure Gauge (Bourdon)	NIT-112-0024-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	0-16 barg	-	Barg	-	-	-		
444	Nitrogen Generation System	PSV-2211A	Pressure Safety Valve	NIT-112-0022-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	-	-	-	-	-	-		
446	Nitrogen Generation System	PG-2212	Pressure Gauge (Bourdon)	V-2204	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	0-16 barg	-	Barg	-	-	-		
447	Nitrogen Generation System	LG-2211	Level Gauge (Reflex)	V-2204	BK-GCS-PEDCO-120-PR-PI-0016	LIQUID	V-2204	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	VTA	-	-	-	-	-		
448	Nitrogen Generation System	PIT-2213	Pressure Indicating Transmitter (Diaphragm)	NIT-112-0021-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	VTA	0-16 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		

 NISOC				تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
				INSTRUMENT INDEX																			
شماره پیمان: 053 - 073 – 9184				پروژه	GCS	PEDCO	تجهیزات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 16 از 19											
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATIO N/ PACKAG E NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCAION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
449	Nitrogen Generation System	PCV-2211	Pressure Control Valve (Globe Valve)	NIT-112-0021-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
450	Nitrogen Generation System	FIT-2211	Flow Indicating Transmitter (Diaphragm)	NIT-112-0021-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0012	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	-	-	-	FIELD-DCS	AI-IS-R	4-20 mA		
451	Nitrogen Generation System	FE-2211	Flow Element (Orifice Plate)	NIT-112-0021-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	-	-	-	-	-	-	-	
452	Nitrogen Generation System	TT-2211	Temperature Transmitter	NIT-112-0021-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	0-160 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	
453	Nitrogen Generation System	PIT-2214	Pressure Indicating Transmitter (Diaphragm)	NIT-112-0021-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	VTA	0-16 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		
454	Nitrogen Generation System	PIT-2211	Pressure Indicating Transmitter (Diaphragm)	NIT-112-0024-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0016	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	VTA	0-16 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
455	Close Drain System	TG-2221	Temperature Gauge (Bimetal)	V-2202	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	GAS	V-2202	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	60	0-160 °C	-	°C	-	-	-	Note 2	
456	Close Drain System	PG-2221	Pressure Gauge (Bourdon)	V-2202	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	60	0-1 barg	-	Barg	-	-	-		
458	Close Drain System	LG-2221A	Level Gauge (Reflex)	V-2202	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	LIQUID	V-2202	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	60	VTA	-	-	-	-	-		D02 Modified
459	Close Drain System	LG-2221B	Level Gauge (Reflex)	V-2202	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	LIQUID	V-2202	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	60	VTA	-	-	-	-	-		D02 Modified
460	Close Drain System	LIT-2221	Level Indicating Transmitter (DP)	V-2202	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	LIQUID	V-2202	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	60	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
461	Close Drain System	PIT-2222A	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0032-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.8	85	5		0-2 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
462	Close Drain System	PIT-2222B	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0033-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.8	85	5		0-2 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
463	Close Drain System	PG-2232A	Pressure Gauge (Bourdon)	CDH-112-0033-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	14.5	7	85	5	0-16 barg	-	Barg	-	-	-		D02 Modified
464	Close Drain System	PG-2232B	Pressure Gauge (Bourdon)	CDH-112-0032-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	14.5	7	85	5	0-16 barg	-	Barg	-	-	-		D02 Modified
465	Close Drain System	PG-2222A	Pressure Gauge (Bourdon)	OWA-112-0003-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	2.5	2	85	50	0-1.6 barg	-	Barg	-	-	-		D02 Modified
466	Close Drain System	PG-2222B	Pressure Gauge (Bourdon)	OWA-112-0004-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	2.5	2	85	50	0-1.6 barg	-	Barg	-	-	-		D02 Modified
467	Close Drain System	LIT-2223	Level Indicating Transmitter (FLOAT)	SU-2201	BK-GCS-PEDCO-120-PR-PI-0017 (2 of 2)	LIQUID	P-2203-A	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	3.5	ATM	85	AMB	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
469	LP Flare System	LIT-2253	Level Indicating Transmitter (DISPLACER)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	V-2201	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
470	LP Flare System	LIT-2252A	Level Indicating Transmitter (DISPLACER)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	V-2201	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
471	LP Flare System	LIT-2252B	Level Indicating Transmitter (DISPLACER)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	V-2201	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
472	LP Flare System	LIT-2252C	Level Indicating Transmitter (DISPLACER)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	V-2201	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA		D02 Modified
473	LP Flare System	TG-2251	Temperature Gauge (Bimetal)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	GAS	V-2201	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	0-100 °C	-	°C	-	-	-	Note 2	
474	LP Flare System	PG-2251	Pressure Gauge (Bourdon)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	GAS	V-2201	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	0-1 barg	-	Barg	-	-	-		
475	LP Flare System	LG-2251	Level Gauge (Reflex)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	V-2201	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	VTA	-	-	-	-	-		
476	LP Flare System	LIT-2251	Level Indicating Transmitter (DP)	V-2201	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	V-2201	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
477	LP Flare System	PIT-2252	Pressure Indicating Transmitter (Diaphragm)	FL-112-0004-AN07-10"-PT	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.5	85	32	0-10 barg	0-1 barg	Barg	-	-	-		
478	LP Flare System	PIT-2251A	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0038-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.6	85	32		0-2 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
479	LP Flare System	PIT-2251B	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0036-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/7.5	0.6	85	32		0-2 barg	Barg	FIELD-ESD	AI-IS-R	4-20 mA		
480	LP Flare System	PG-2251A	Pressure Gauge (Bourdon)	CDH-112-0038-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	GAS	P-2201 A	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	1.6	85	32	0-4 barg	-	Barg	-	-	-		D02 Modified
481	LP Flare System	PG-2251B	Pressure Gauge (Bourdon)	CDH-112-0037-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0020 (2 of 2)	GAS	P-2201 B	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	1.6	85	32	0-4 barg	-	Barg	-	-	-		D02 Modified
482	Oily Water Sewer	LIT-2273	Level Indicating Transmitter (FLOAT)	SU-2202	BK-GCS-PEDCO-120-PR-PI-0021	LIQUID	SU-2202	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	3.5	ATM	85	AMB	VTA	-	-	FIELD-DCS	AI-IS-NR	4-20 mA		D02 Modified
483	Fuel Gas System	PG-2271	Pressure Gauge (Bourdon)	GAS-112-0010-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	48	0-10 barg	-	Barg	-	-	-		D02 Modified
484	Fuel Gas System	TG-2271	Temperature Gauge (Bimetal)	FLG-112-0010-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	48	0-100 °C	-	°C	-	-	-	Note 2	D02 Modified
485	Fuel Gas System	CP-2271	Corrosion Probe (LPR probes)	FLG-112-0010-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	48	-	-	mm	-	-	-		D02 Modified

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض								 شرکت توسعه و پالایش انرژی  											
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053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D00												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION / PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCATION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
486	Fuel Gas System	CC-2271	Corrosion Coupon (Strip Ladder)	FLG-112-0010-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-DG-0003	F.V/9	4.9	85	48	-	-	mm	-	-	-	D02 Modified	
487	Fuel Gas System	FG-2272	Rotameter	FL-112-0040-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-DG-0003	F.V/9	ATM	85	AMB	-	-	-	-	-	-	D02 Modified	
488	Fuel Gas System	PG-2274	Pressure Gauge (Bourdon)	FL-112-0040-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	48	0-10 barg	-	Barg	-	-	-	D02 Modified	
489	Fuel Gas System	EZSC-2272	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0004-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.9	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
490	Fuel Gas System	EZSO-2272	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0004-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.9	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
491	Fuel Gas System	ESOV-2272	ESD Solenoid Valve	GAS-111-0004-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.9	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
492	Fuel Gas System	ESDV-2272	Emergency Shut Down Valve (Ball Valve)	GAS-111-0004-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.9	-	-	-	-	-	-	-	
493	Fuel Gas System	PIT-2272	Pressure Indicating Transmitter (Diaphragm)	FLG-112-0006-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	VTA	0-10 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		
494	Fuel Gas System	PCV-2272	Pressure Control Valve (Globe Valve)	FLG-112-0006-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	DCS	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.9	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
495	Fuel Gas System	PG-2272	Pressure Gauge (Bourdon)	GAS-111-0004-AN07-3"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.1	85	36.9	0-10 barg	-	Barg	-	-	-		
496	Fuel Gas System	PDG-2271	Differential Pressure Gauge (Diaphragm)	V-2205	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	VTA	0-1 bara	Bar	-	-	-		
497	Fuel Gas System	LIT-2272	Level Indicating Transmitter (DISPLACER)	V-2205	BK-GCS-PEDCO-120-PR-PI-0022	GAS	V-2205	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	VTA	-	-	FIELD-ESD	AI-IS-R	4-20 mA	D02 MODIFIED	
498	Fuel Gas System	LG-2271	Level Gauge (Reflex)	V-2205	BK-GCS-PEDCO-120-PR-PI-0022	GAS	V-2205	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	VTA	-	-	-	-	-		
499	Fuel Gas System	LIT-2271	Level Indicating Transmitter (DISPLACER)	V-2205	BK-GCS-PEDCO-120-PR-PI-0022	GAS	V-2205	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA	D02 MODIFIED	
500	Fuel Gas System	PG-2273	Pressure Gauge (Bourdon)	V-2205	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	0-10 barg	-	Barg	-	-	-		
501	Fuel Gas System	XZSC-2271	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0039-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
502	Fuel Gas System	XZSO-2271	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0039-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
503	Fuel Gas System	PSOV-2271	Process Solenoid Valve	CDH-112-0039-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	-	-	-	DCS-FIELD	DO-NIS-NR	24 VDC		
504	Fuel Gas System	ESOV-2271	ESD Solenoid Valve	CDH-112-0039-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
505	Fuel Gas System	XV-2271	ON/OFF VAVLE (Ball Valve)	CDH-112-0039-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	36.7	-	-	-	-	-	-	-	
506	Fuel Gas System	FG-2271	Rotameter	CHM-112-0020-AS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	9	ATM	55	AMB	-	-	-	-	-	-		
507	Fuel Gas System	PIT-2271	Pressure Indicating Transmitter (Diaphragm)	FLG-112-0106-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	33.6	VTA	0-10 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		
508	Fuel Gas System	TIT-2271	Temperature Indicating Transmitter (RTD)	FLG-112-0106-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0005	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	33.6	0-100 °C	-	°C	FIELD-DCS	AI-IS-R	4-20 mA	Note 2	
509	Fuel Gas System	FE-2271	Flow Element (Orifice Plate)	FLG-112-0106-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	33.6	-	-	-	-	-	-		
510	Fuel Gas System	FIT-2271	Flow Indicating Transmitter (Diaphragm)	FLG-112-0106-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0012	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	33.6	-	-	-	FIELD-DCS	AI-IS-R	4-20 mA		
511	Fuel Gas System	PSV-2271	Pressure Safety Valve	FLG-111-0011-AN07-2"-PT	BK-GCS-PEDCO-120-PR-PI-0022	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	4.9	85	33.6	-	-	-	-	-	-		
514	DIESEL OIL SYSTEM	PG-2281	Pressure Gauge (Bourdon)	V-2206A	BK-GCS-PEDCO-120-PR-PI-0023 (1 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER	ATM	85	AMB	0-1 barg	-	Barg	-	-	-		
515	Fire Water Diesel Oil Drum	LIT-2281	Level Indicating Transmitter (DP)	V-2206A	BK-GCS-PEDCO-120-PR-PI-0023 (1 of 2)	LIQUID	V-2206	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER	ATM	85	AMB	VTA	-	-	FIELD-DCS	AI-IS-NR	4-20 mA	D02 Modified	
516	Fire Water Diesel Oil Drum	LG-2281	Level Gauge (Reflex)	V-2206A	BK-GCS-PEDCO-120-PR-PI-0023 (1 of 2)	LIQUID	V-2206	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER	ATM	85	AMB	VTA	-	-	-	-	-	D02 Modified	
517	Fire Water Diesel Oil Drum	PG-2282	Pressure Gauge (Diaphragm)	Discharge P-2206A	BK-GCS-PEDCO-120-PR-PI-0023 (1 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	2.1	0.95	85	50	0-1.6 barg	-	Barg	-	-	-	D02 Modified	
518	Fire Water Diesel Oil Drum	PG-2283	Pressure Gauge (Bourdon)	Charge P-2206A	BK-GCS-PEDCO-120-PR-PI-0023 (1 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.6	0.11	85	50	0-1 barg	-	Barg	-	-	-	D02 Modified	
519	Fire Water Diesel Oil Drum	TSV-2281	Temperature Safety Valve	DO-112-0005A-AN01-1"-PT DO-112-0006A-AN01-1"-PT	BK-GCS-PEDCO-120-PR-PI-0023 (1 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	2.1	0.95	85	AMB	-	-	-	-	-	-	D02 Modified	

 NISOC				تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک								  											
				INSTRUMENT INDEX																			
شماره پیمان: 053 - 073 – 9184				پرورده	GCS	PEDCO	تسهیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: 18 از 19											
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION / PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCATION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
520	Diesel Generator Diesel Oil Drum	PG-2281B	Pressure Gauge (Bourdon)	V-2206B	BK-GCS-PEDCO-120-PR-PI-0023-(2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL-OF-WATER	ATM	85	AMB	0-1 barg	-	Barg	-	-	-		D02 Modified
521	Diesel Generator Diesel Oil Drum	LIT-2281B	Level Indicating Transmitter	V-2206B	BK-GCS-PEDCO-120-PR-PI-0023-(2 of 2)	LIQUID	V-2206	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL-OF-WATER	ATM	85	AMB	VTA	-	-	FIELD-DCS	AI-IS-NR	4-20 mA		D02 Modified
522	Diesel Generator Diesel Oil Drum	LG-2281B	Level Gauge (Reflex)	V-2206B	BK-GCS-PEDCO-120-PR-PI-0023-(2 of 2)	LIQUID	V-2206	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL-OF-WATER	ATM	85	AMB	VTA	-	-	-	-	-		D02 Modified
523	Diesel Generator Diesel Oil Drum	PG-2282B	Pressure Gauge (Diaphragm)	Discharge P-2206B	BK-GCS-PEDCO-120-PR-PI-0023-(2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	2.1	0.95	85	50	0-1.6 barg	-	Barg	-	-	-		D02 Modified
524	Diesel Generator Diesel Oil Drum	PG-2283B	Pressure Gauge (Bourdon)	Charge P-2206B	BK-GCS-PEDCO-120-PR-PI-0023-(2 of 2)	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-DG-0003	3.6	0.11	85	50	0-1 barg	-	Barg	-	-	-		D02 Modified
525	Diesel Generator Diesel Oil Drum	TSV-2261B	Temperature Safety Valve	DO-112-0005B-AN01-1"-PT. DO-112-0006B-AN01-1"-PT.	BK-GCS-PEDCO-120-PR-PI-0023-(2 of 2)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.5	ATM	85	AMB	-	-	-	-	-	-		D02 Modified
526	Potable Water System	LIT-2291	Level Indicating Transmitter (DP)	TK-2209	BK-GCS-PEDCO-120-PR-PI-0024	LIQUID	TK-2209	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	ATM+FULL OF WATER	ATM	85	AMB	VTA	-	-	FIELD-DCS	AI-IS-NR	4-20 mA		D02 Modified
527	Potable Water System	PG-2291	Pressure Gauge (Bourdon)	PTW-112-0003-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0024	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-DG-0003	3.8	1.95	85	AMB	0-4 barg	-	Barg	-	-	-		D02 Modified
528	Potable Water System	PG-2292	Pressure Gauge (Diaphragm)	PTW-112-0001-AZ00-2"-NP	BK-GCS-PEDCO-120-PR-PI-0024	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.65	0.15	85	AMB	0-1 barg	-	Barg	-	-	-		
529	Glycol Sump Drum	PRV-2291	Pressure Relief Valve	NIT-112-0005-AN01-1"-PT	BK-GCS-PEDCO-120-PR-PI-0025	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	12.5	8	85	60	VTA	-	-	-	-	-		
530	Glycol Sump Drum	PG-2295	Pressure Gauge (Bourdon)	NIT-111-0009-AN04-1"-PT	BK-GCS-PEDCO-120-PR-PI-0025	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	4	0.5	85	AMB	0-1 barg	-	Barg	-	-	-		
531	Glycol Sump Drum	PRV-2292	Pressure Relief Valve	NIT-111-0009-AN04-1"-PT	BK-GCS-PEDCO-120-PR-PI-0025	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.6	0.1	85	AMB	VTA	-	-	-	-	-		
532	Glycol Sump Drum	PSV-2293	Pressure Saftey Valve	TEG-111-0113-AN04-2"-PT	BK-GCS-PEDCO-120-PR-PI-0025	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0009	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.5	0.1	85	AMB	VTA	-	-	-	-	-		
533	Glycol Sump Drum	PG-2293	Pressure Gauge (Bourdon)	TEG-111-0011-AN04-2"-PT	BK-GCS-PEDCO-120-PR-PI-0025	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	2.6	2.1	85	AMB	0-4 barg	-	Barg	-	-	-		
534	Glycol Sump Drum	PIT-2191	Pressure Indicating Transmitter (Diaphragm)	V-2107	BK-GCS-PEDCO-120-PR-PI-0025	LIQUID	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	3.6	0.1	85	AMB		0-0.2 barg	Barg	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
535	Glycol Sump Drum	LIT-2293	Level Indicating Transmitter (DP)	V-2107	BK-GCS-PEDCO-120-PR-PI-0025	LIQUID	V-2205	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	3.6	0.1	85	AMB	VTA	-	-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
536	Glycol Sump Drum	PG-2294	Pressure Gauge (Bourdon)	V-2107	BK-GCS-PEDCO-120-PR-PI-0025	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	3.6	0.1	85	AMB	0-1 barg	-	Barg	-	-	-		
537	Fire Water System	PG-2301	Pressure Gauge (Bourdon)	FWA-113-0001-AN04-3"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
538	Fire Water System	ZSC-2301	Limit Switch Close (Included in ON-OFF Valve)	FWA-112-0007-AN04-3"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	1.5	1	85	5-55	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
539	Fire Water System	ZSO-2301	Limit Switch Open (Included in ON-OFF Valve)	FWA-112-0007-AN04-3"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	1.5	1	85	5-55	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
540	Fire Water System	XV-2301	ON/OFF VAVLE (Ball Valve)	FWA-112-0007-AN04-3"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS-PEDCO-120-IN-DG-0003	-	BK-GCS-PEDCO-120-IN-PY-0004	1.5	1	85	5-55								
541	Fire Water System	LG-2301	Level Gauge (Float)	TK-2301-A	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM	ATM	85	5-55	VTA		-	-	-	-		
542	Fire Water System	LIT-2301	Level Indicating Transmitter (DP)	TK-2301-A	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	TK-2301-A	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	ATM	ATM	85	5-55	VTA		-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
543	Fire Water System	LSLL-2301	Level Switch Low Low (Float)	TK-2301-A	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	BK-GCS-PEDCO-120-IN-PY-0003	ATM	ATM	85	5-55	-	-	-	F&G	DI-NIS-R	24 VDC		
544	Fire Water System	LG-2302	Level Gauge (Float)	TK-2301-B	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	ATM	ATM	85	5-55	VTA		-	-	-	-		
545	Fire Water System	LIT-2302	Level Indicating Transmitter (DP)	TK-2301-B	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	TK-2301-A	BK-GCS-PEDCO-120-IN-DT-0006	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0005	BK-GCS-PEDCO-120-IN-PY-0003	ATM	ATM	85	5-55	VTA		-	FIELD-DCS	AI-IS-R	4-20 mA		D02 Modified
546	Fire Water System	LSLL-2302	Level Switch Low Low (Float)	TK-2301-B	BK-GCS-PEDCO-120-SA-PI-0001 (1 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003	ATM	ATM	85	5-55	-	-	-	F&G	DI-NIS-R	24 VDC		
547	Fire Water System	PT-2301	Pressure Transmitter	FWA-113-0025-AN04-12"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0004	BK-GCS-PEDCO-120-IN-DG-0002	BK-GCS-PEDCO-120-IN-DG-0004	BK-GCS-PEDCO-120-IN-PY-0003					-	-	-	F&G	DI-NIS-R	24 VDC		
548	Fire Water System	PG-2303A	Pressure Gauge (Bourdon)	FWA-113-0026-AN04-2"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2302A	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
549	Fire Water System	PG-2304A	Pressure Gauge (Bourdon)	Discharge P-2302A	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2302A	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
550	Fire Water System	PG-2303B	Pressure Gauge (Bourdon)	FWA-113-0027-AN04-2"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2302B	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
551	Fire Water System	PG-2304B	Pressure Gauge (Bourdon)	Discharge P-2302B	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2302B	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
552	Fire Water System	PG-2304	Pressure Gauge (Bourdon)	FWA-113-0018-AN04-12"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2302B	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg							
553	Fire Water System	PG-2305	Pressure Gauge (Bourdon)	FWA-113-0025-AN04-12"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg							D02 Modified
554	Fire Water System	FG-2301	Rotameter	FWA-113-0007-AN04-12"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	LOCAL	BK-GCS-PEDCO-120-IN-DT-0018	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55				-	-	-		

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک												  							
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شماره پیمان:				پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه												
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D00												
IDENTIFICATION				REFERENCE								PRESSURE		TEMPERATURE		INSTRUMENT RANGE	CALIBRATION RANGE	INSTRUMENT UNIT	CONTROL SYSTEM (FROM/TO)	I/O TYPE	SIGNAL TYPE	NOTE	REV.
ITEM	PROJECT PART	TAG NAME	DESCRIPTION	LINE/ EQUIPMENT	P&ID NO.	SERVICE	LOCATION / PACKAGE NAME	DATA SHEET NO.	HOOK UP DWG. NO.	LOOP DWG NO.	LOCATION LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
555	Fire Water System	PG-2301A	Pressure Gauge (Bourdon)	FWA-113-0020-AN04-12"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2301A	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
556	Fire Water System	PG-2302A	Pressure Gauge (Bourdon)	Discharge P-2301A	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2301A	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
557	Fire Water System	PG-2301B	Pressure Gauge (Bourdon)	FWA-113-0019-AN04-12"-PT	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2301A	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		
558	Fire Water System	PG-2302B	Pressure Gauge (Bourdon)	Discharge P-2301A	BK-GCS-PEDCO-120-SA-PI-0001 (2 of 2)	Fire Water	P-2301A	BK-GCS-PEDCO-120-IN-DT-0001	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	16.5	11	85	5-55	0-25 barg		Barg	-	-	-		