



NISOC

نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



INSTRUMENT INDEX

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادر کننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

BK

GCS

PEDCO

120

IN

LI

0001

D03

شماره صفحه: ۱ از ۲۰

طرح نگهداشت و افزایش تولید 27 مخزن

INSTRUMENT INDEX

نگهداشت و افزایش تولید میدان نفتی بینک

D03	OCT.2023	AFC	P.Hajisadeghi	M.Fakharian	S.Faramarzpour	
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

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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INSTRUMENT INDEX

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D03	0001	LI	IN	120	PEDCO	GCS	BK

شماره صفحه: ۲ از ۲۰

REVISION RECORD SHEET

Page	D00	D01	D02	D03	D04	Page	D00	D01	D02	D03	D04
1	X	X	X	X		65					
2	X	X	X	X		66					
3	X	X	X	X		67					
4	X	X	X	X		68					
5	X	X	X	X		69					
6	X	X	X	X		70					
7	X	X	X	X		71					
8	X	X	X	X		72					
9	X	X	X	X		73					
10	X	X	X	X		74					
11	X	X	X	X		75					
12	X	X	X	X		76					
13	X	X	X	X		77					
14	X	X	X	X		78					
15	X	X	X	X		79					
16	X	X	X	X		80					
17	X	X	X	X		81					
18	X	X	X	X		82					
19		X	X	X		83					
20				X		84					
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61						125					
62						126					
63						127					
64						128					



NISOC

نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



INSTRUMENT INDEX

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تجهیزات	صادرکننده	بسته کاری	پروژه
D03	0001	LI	IN	120	PEDCO	GCS	BK

شماره صفحه: ۳ از ۲۰

REFERENCES:

Symbol & Legend For PFD and P&ID

Specification For Instrumentation

Control/ESD/F&G System Block Diagram Configuration

P&ID - Gas Compression Inlet Gas Pipeline (Binak)

P&ID - Gas Compression Inlet Gas Pipeline (Golkhari)

P&ID - Slug Catcher System

P&ID - Gas Compression Inlet Knock Out Drum

P&ID - 1st Stage Gas Compression Suction Drums

P&ID - 1st Stage Gas Compression Compressors

P&ID - 1st Stage Gas Compression Air Coolers

P&ID - 2nd Stage Gas Compression Suction Drums

P&ID - 2nd Stage Gas Compression Compressors

P&ID - 2nd Stage Gas Compression Air Coolers

P&ID - 2nd Stage Gas Compression Discharge Drum

P&ID - Gas Compression Dehydration Package

P&ID - Lean Glycol Storage Tank

P&ID - Instrument & Plant Air System

P&ID - Nitrogen Generation System

P&ID - Close Drain System

P&ID - Corrosion Inhibitor Package

P&ID - Methanol Injection Package

P&ID - LP Flare System

P&ID - Oily Water Sewer

P&ID - Fuel Gas System

P&ID - Diesel Oil System

P&ID - Potable Water System

P&ID - Glycol Sump Drum

P&ID - Fire Water Network

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 RELIEF VALVE/SAFETY VALVE
TRV	TEMPERATURE RELIEF 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.



BK-GCS-PEDCO-120-PR-PI-0001_D04
BK-GNRAL-PEDCO-000-IN-SP-0001_D04
BK-GCS-PEDCO-120-IN-BD-0001_D06
BK-GCS-PEDCO-120-PR-PI-0002_D07
BK-GCS-PEDCO-120-PR-PI-0003_D07
BK-GCS-PEDCO-120-PR-PI-0004_D07
BK-GCS-PEDCO-120-PR-PI-0005_D07
BK-GCS-PEDCO-120-PR-PI-0006_D07
BK-GCS-PEDCO-120-PR-PI-0007_D07
BK-GCS-PEDCO-120-PR-PI-0008_D07
BK-GCS-PEDCO-120-PR-PI-0009_D07
BK-GCS-PEDCO-120-PR-PI-0010_D05
BK-GCS-PEDCO-120-PR-PI-0011_D07
BK-GCS-PEDCO-120-PR-PI-0012_D07
BK-GCS-PEDCO-120-PR-PI-0013_D07
BK-GCS-PEDCO-120-PR-PI-0014_D07
BK-GCS-PEDCO-120-PR-PI-0015_D07
BK-GCS-PEDCO-120-PR-PI-0016_D07
BK-GCS-PEDCO-120-PR-PI-0017_D07
BK-GCS-PEDCO-120-PR-PI-0018_D07
BK-GCS-PEDCO-120-PR-PI-0019_D06
BK-GCS-PEDCO-120-PR-PI-0020_D07
BK-GCS-PEDCO-120-PR-PI-0021_D05
BK-GCS-PEDCO-120-PR-PI-0022_D07
BK-GCS-PEDCO-120-PR-PI-0023_D07
BK-GCS-PEDCO-120-PR-PI-0024_D06
BK-GCS-PEDCO-120-PR-PI-0025_D07
BK-GCS-PEDCO-120-SA-PI-0001_D04

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض																							
				INSTRUMENT INDEX																				شماره صفحه: ۴ از ۲۰			
نسخه				سوزان		نوع مدرک		رشته		تجهیزات		مشارکت‌کننده		بسته کاری		پروژه		شماره پیمان:									
D03				0001		LI		IN		120		PEDCO		GCS		BK		053 - 073 - 9184									
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 (BAR)	OPER. (BAR)	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	-	-	-					
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	-	-	-					
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	AHS-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	VTA	0-100 °C	°C	FIELD-DCS	AHS-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	0-250 mbarg	0-250 mbarg	barg	FIELD-DCS	AHS-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-A500-3/4"-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	9	85	55	0-0.5 Litr/hr (VTC)	-	Litr/hr	-	-	-					
15	Gas Compression Inlet Gas Pipeline (Binak)		CP-2101	Corrosion Probe (LPR probes)	GAS-111-0001-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	-	-	-					
16	Gas Compression Inlet Gas Pipeline (Binak)		CC-2101	Corrosion Coupon (Strip Ladder)	GAS-111-0001-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	-	-	-					
17	Gas Compression Inlet Gas Pipeline (Golshan)		PG-2103	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	90	7.5	85	32/15.5	0-16 barg	-	Barg	-	-	-					
18	Gas Compression Inlet Gas Pipeline (Golshan)		EZSC-2102	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0001-FN07-8"-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	90	7.5	85	32/15.5	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC					
19	Gas Compression Inlet Gas Pipeline (Golshan)		EZSO-2102	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0001-FN07-8"-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	90	7.5	85	32/15.5	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC					
20	Gas Compression Inlet Gas Pipeline (Golshan)		ESOV-2102	ESD Solenoid Valve	GAS-111-0001-FN07-8"-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	90	7.5	85	32/15.5	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER					
21	Gas Compression Inlet Gas Pipeline (Binak)		ESDV-2102	Emergency Shut Down Valve (Ball Valve)	GAS-111-0001-FN07-8"-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	90	7.5	85	32/15.5	-	-	-								
22	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	0-16 barg	-	Barg	-	-	-					
23	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	VTA	0-15 barg	Barg	FIELD-DCS	AHS-R	4-20 mA					
24	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	VTA	0-100 °C	°C	FIELD-DCS	AHS-R	4-20 mA	Note 2				
25	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	-	-	-	-	-	-					
26	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	0-250 mbarg	0-250 mbarg	barg	FIELD-DCS	AHS-R	4-20 mA					
27	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA					
28	Gas Compression Inlet Gas Pipeline (Golshan)		FG-2102	Rotameter	CHM-112-0002-A500-3/4"-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	9	85	55	0-0.5 Litr/hr (VTC)	-	Litr/hr	-	-	-					
29	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	-	-	mm	-	-	-					
30	Gas Compression Inlet Gas Pipeline (Golshan)		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	90	7.5	85	32/15.5	-	-	mm	-	-	-					
31	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	18.2	5.5	85	32/15.5	VTA	0-10 barg	Barg	FIELD-ESD	AHS-R	4-20 mA					
32	Slug Catcher System		PSV-2111	Pressure Safety Valve	GAS-111-0013-AN07-8"-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	18.2	5.5	85	32/15.5	-	-	-	-	-	-					

 NISOC				نگهداشت 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	سوزل	نسخه	شماره صفحه: ۵ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCIAON LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
33	Slug Catcher System	PSV-2112	Pressure Safety Valve	GAS-111-0014-AN07-8"-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	18.2	5.5	85	32/15.5	-	-	Barg	-	-	-		
34	Slug Catcher System	LIT-2112	Level Indicating Transmitter (DP)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	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	F.V/9	5.5	85	32/15.5	4000	-	mm	FIELD-ESD	AH-IS-R	4-20 mA		
35	Slug Catcher System	PIT-2112	Pressure Indicating Transmitter (Diaphragm)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	GAS	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	F.V/9	5.5	85	32/15.5	VTA	0-10 barg	Barg	FIELD-DCS	AH-IS-NR	4-20 mA		
36	Slug Catcher System	TG-2111	Temperature Gauge (Bimetal)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	GAS	V-2104	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.5	85	32/15.5	0-100 °C	-	°C	-	-	-	Note 2	
37	Slug Catcher System	PG-2111	Pressure Gauge (Bourdon)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 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/9	5.5	85	32/15.5	0-10 barg	-	Barg	-	-	-		
38	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)	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	9	5.3	85	32/15.5	VTA	0-500 mbarg	Bara	FIELD-DCS	AH-IS-NR	4-20 mA		
39	Slug Catcher System	CP-2111	Corosion Probe (LPR probes)	GAS-111-0019-AN07-8"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	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	5.3	85	32/15.5	-	-	mm	-	-	-		
40	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)	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	5.3	85	32/15.5	-	-	mm	-	-	-	-	
41	Slug Catcher System	FG-2112	Rotameter	CHM-112-0021-AS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	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	9	85	55	0-1 Lli/hr (VTC)	-	Lli/hr	-	-	-		
42	Slug Catcher System	LG-2111A	Level Gauge (Reflex)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	HC+WATER	V-2104	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.5	85	32/15.5	2500mm C-C LENGTH	-	mm	-	-	-		
43	Slug Catcher System	LG-2111B	Level Gauge (Reflex)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	HC+WATER	V-2104	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	F.V/9	5.5	85	32/15.5	2500mm C-C LENGTH	-	mm	-	-	-		
44	Slug Catcher System	LIT-2111	Level Indicating Transmitter (DP)	V-2104	BK-GCS-PEDCO-120-PR-PI-0004 (1 of 2)	HC+WATER	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	F.V/9	5.5	85	32/15.5	4000	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		
45	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	13.9	5.5	85	5/50	0-10 barg	-	Barg	-	-	-		
46	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	13.9	5.5	85	5/50	VTA	0-10 barg	Barg	FIELD-ESD	AH-IS-R			
47	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	13.9	5.5	85	5/50	0-0.5barg	-	Bara	-	-	-		
48	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	47.7	19.5	85	5/50	0-100 °C	-	°C	-	-	-	Note 2	
49	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	47.7	19.5	85	5/50	0-40 barg	-	Barg	-	-	-		
50	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	47.7	19.5	85	5/50	VTA	0-38 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
51	Slug Catcher System	FE-2111	Flow Element (Orifice Plate)	CDH-112-0014-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	47.7	19.5	85	5/50	-	-	-	-	-	-	-	
52	Slug Catcher System	FIT-2111	Flow Indicating Transmitter (Diaphragm)	CDH-112-0014-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	47.7	19.5	85	5/50	0-250 mbarg	0-250 mbarg	barg	FIELD-DCS	AH-IS-R	4-20 mA	-	
53	Slug Catcher System	FCV-2111	Flow Control Valve (Globe Valve)	CDH-112-0014-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	47.7	19.5	85	5/50	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
54	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	47.7	18.5	85	5/50	VTA	0-36 barg	Barg	FIELD-DCS	AH-IS-NR	4-20 mA		
55	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	47.7	18.5	85	5/50	-	-	-	FIELD-ESD	DI-NIS-R	24 VDC		
56	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	47.7	18.5	85	5/50	-	-	-	FIELD-ESD	DI-NIS-R	24 VDC		
57	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	47.7	18.5	85	5/50	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
58	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	47.7	18.5	85	5/50	-	-	-					
59	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	47.7	18.5	85	5/50	VTA	0-36 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
60	Slug Catcher System	TSV-2281A	Temperature Safety Valve	CDH-112-0116-CN07-1"-PT	BK-GCS-PEDCO-120-PR-PI-0004 (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	47.7	18.5	85	5/50	-	-	-	-	-	-		
61	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	47.7	19.5	85	5/50	0-100 °C	-	°C	-	-	-	Note 2	
62	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	47.7	19.5	85	5/50	0-40 barg	-	Barg	-	-	-		
63	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	47.7	19.5	85	5/50	VTA	0-38 barg	Barg	FIELD-DCS	AH-IS-NR	4-20 mA		
64	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	13.9	5.5	85	5/50	0-10 barg	-	Barg	-	-	-		

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
								INSTRUMENT INDEX															
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تجهیزات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه: ۶ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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)								
65	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	13.9	5.5	85	5/50	VTA	0-10 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
66	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	13.9	5.5	85	5/50	0-0.5barg	-	Bara	-	-	-		
67	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	13.9	9	85	55	0~2 Lli/hr (VTC)	-	Lli/hr	-	-	-		
68	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	18.2	5.3	85	37.17/19.23	VTA	0-100 °C	°C	FIELD-DCS	AH-IS-NR	4-20 mA	Note 2	
69	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	18.2	5.3	85	37.17/19.23	VTA	0-10 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
70	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	FV/9	5.3	85	37.17/19.23	813mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA		
71	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	FV/9	5.3	85	37.17/19.23	VTA	0-10 barg	Barg	FIELD-DCS	AH-IS-NR	4-20 mA		
72	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	FV/9	5.3	85	37.17/19.23	0-100 °C	-	°C	-	-	-	Note 2	
73	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	FV/9	5.3	85	37.17/19.23	0-10 barg	-	Barg	-	-	-		
74	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	FV/9	5.3	85	37.17/19.23	VTA	0-500 mbarg	Bara	FIELD-DCS	AH-IS-NR	4-20 mA		
75	Gas Compression Inlet Knock Out Drum	LG-2116	Level Gauge (Reflex)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	HC+WATER	V-2105	BK-GCS-PEDCO-120-IN-DT-0003	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	FV/9	5.3	85	37.17/19.23	30mm C-C LENGTH	-	mm	-	-	-		
76	Gas Compression Inlet Knock Out Drum	LIT-2119	Level Indicating Transmitter (DP)	V-2105	BK-GCS-PEDCO-120-PR-PI-0005	HC+WATER	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	FV/9	5.3	85	37.17/19.23	1200	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		
77	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	13.9	5.3	85	37.17/19.23	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
78	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	FV/9	5.3	85	37.17/19.23	356mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA		
79	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	13.9	5.3	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
80	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	13.9	5.3	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
81	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	13.9	5.3	85	37.17/19.23	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
82	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	13.9	5.3	85	37.17/19.23	-	-	-					
83	Gas Compression Inlet Knock Out Drum	PSV-2113	Pressure Safety Valve	GAS-111-0021-AN07-6"-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	18.2	5.1	85	37.17/19.23	-	-	-	-	-	-		
84	Gas Compression Inlet Knock Out Drum	PSV-2114	Pressure Safety Valve	GAS-111-0022-AN07-6"-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	18.2	5.1	85	37.17/19.23	-	-	Barg	-	-	-	-	
85	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	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	5.3	85	37.17/19.23	-	-	mm	-	-	-	-	
86	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	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	5.3	85	37.17/19.23	-	-	mm	-	-	-	-	
87	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	18.2	5.1	85	37.17/19.23	0-100 °C	-	°C	-	-	-	Note 2	
88	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	18.2	5.1	85	37.17/19.23	0-10 barg	-	Barg	-	-	-		
89	Gas Compression Inlet Knock Out Drum	BZSC-2110	Limit Switch Close (Included in ON-OFF Valve)	BDV-2110	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	18.2	5.1	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	By Vendor	
90	Gas Compression Inlet Knock Out Drum	BZSO-2110	Limit Switch Open (Included in ON-OFF Valve)	BDV-2110	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	18.2	5.1	85	37.17/19.23	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	By Vendor	
91	Gas Compression Inlet Knock Out Drum	BDV-2110	ON/OFF VAVLE (Ball Valve)	FL-112-0017-AN07-3"-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	18.2	5.1	85	37.17/19.23	-	-	-	-	-	-	-	
92	Gas Compression Inlet Knock Out Drum	BSOV-2110	Process Solenoid Valve	BDV-2110	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	18.2	5.1	85	37.17/19.23	-	-	-	-	-	-		
93	Gas Compression Inlet Knock Out Drum	PSOV-2110	ESD Solenoid Valve	BDV-2110	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	18.2	5.1	85	37.17/19.23	-	-	-	-	-	-		
94	Gas Compression Inlet Knock Out Drum	RO-2112	Restriction Orifice	FL-112-0017-AN07-3"-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	18.2	5.1	85	37.17/19.23	-	-	-	-	-	-		
95	1st Stage Gas Compression Suction Drums	PIT-2121A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031A-CN05-8"-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	47.7	4.9	85	36.78/18.88	VTA	0-9 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
96	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض								تجهیزات و افزایش تولید میدان نفتی بینک سطح الارض											
				شماره پیمان:				پروژه	بسته کاری	صادرکننده	تجهیزات	رشته	نوع مدرک	سوزل	نسخه	شماره صفحه: ۲۰ از ۷۰							
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCIAON LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
97	1st Stage Gas Compression Suction Drums	PSOV-2123A (By Compressor Vendor)	Process Solenoid 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	62.4	54.1	175	60	-	-	-	-	-	-		
98	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	62.4	54.1	175	60	-	-	-	-	-	-		
99	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	62.4	54.1	175	60	-	-	-	-	-	-		
100	1st Stage Gas Compression Suction Drums	PSV-2121A	Pressure Safety Valve	GAS-111-0029A-CN05-2"-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	47.7	4.9	85	36.78/18.88	-	-	-	-	-	-		
101	1st Stage Gas Compression Suction Drums	LIT-2122A	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/22	5.1	85	36.92/19.02	1219mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA		
102	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/22	5.1	85	36.92/19.02	0-100 °C	-	°C	-	-	-	Note 2	
103	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/22	5.1	85	36.92/19.02	0-10 barg	-	Barg	-	-	-		
104	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/22	5.1	85	36.92/19.02	VTA	0-500 mbarg	Bara	FIELD-DCS	AH-IS-NR	4-20 mA		
105	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/22	5.1	85	36.92/19.02	1300mm C-C LENGTH	-	mm	-	-	-		
106	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/22	5.1	85	36.92/19.02	813mm	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		
107	1st Stage Gas Compression Suction Drums	XZSC-2122A	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0021A-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC		
108	1st Stage Gas Compression Suction Drums	XZSO-2122A	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0021A-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
109	1st Stage Gas Compression Suction Drums	XV-2122A	ON/OFF VAVLE (Ball Valve)	CDH-112-0021A-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
110	1st Stage Gas Compression Suction Drums	PSOV-2122A	Process Solenoid Valve	CDH-112-0021A-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER		
111	1st Stage Gas Compression Suction Drums	ESOV-2122A	ESD Solenoid Valve	CDH-112-0021A-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
112	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	18.2	5.1	85	36.9/19	-	-	-	-		-		
113	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	18.2	5.1	85	36.9/19	-	-	-	-		-		
114	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	18.2	5.1	85	36.9/19	-	-	-	UCP-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
115	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	18.2	5.1	85	36.9/19	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
116	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	18.2	5.1	85	36.9/19	-	-	-	-	-	-	-	
117	1st Stage Gas Compression Suction Drums	PIT-2121B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031B-CN05-8"-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	47.7	4.9	85	36.78/18.88	VTA	0-9 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
118	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
119	1st Stage Gas Compression Suction Drums	PSOV-2123B (By Compressor Vendor)	Process Solenoid Valve	GAS-111-0045B-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	62.4	54.1	175	60	-	-	-	-	-	-		
120	1st Stage Gas Compression Suction Drums	CZSC-2123B (By Compressor Vendor)	Limit Switch Close (Included in Control Valve)	GAS-111-0045B-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	62.4	54.1	175	60	-	-	-	-	-	-		
121	1st Stage Gas Compression Suction Drums	CZSO-2123B (By Compressor Vendor)	Limit Switch Open (Included in Control Valve)	GAS-111-0045B-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	62.4	54.1	175	60	-	-	-	-	-	-		
122	1st Stage Gas Compression Suction Drums	PSV-2121B	Pressure Safety Valve	GAS-111-0029B-CN05-2"-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	47.7	4.9	85	36.78/18.88	-	-	-	-	-	-		
123	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/22	5.1	85	36.92/19.02	1219mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA		
124	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/22	5.1	85	36.92/19.02	0-100 °C	-	°C	-	-	-	Note 2	
125	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/22	5.1	85	36.92/19.02	0-10 barg	-	Barg	-	-	-		
126	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/22	5.1	85	36.92/19.02	VTA	0-500 mbarg	Bara	FIELD-DCS	AH-IS-NR	4-20 mA		
127	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/22	5.1	85	36.92/19.02	1300mm C-C LENGTH	-	mm	-	-	-		
128	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/22	5.1	85	36.92/19.02	813mm	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
																						INSTRUMENT INDEX	
				شماره صفحه: ۲۰ از ۲۰				نمونه		سربرگ													
053 - 073 – 9184				D03		LI		IN		120		PEDCO		GCS		BK							
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.	LOCIAON LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
129	1st Stage Gas Compression Suction Drums	XZSC-2122B	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0021B-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
130	1st Stage Gas Compression Suction Drums	XZSO-2122B	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0021B-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
131	1st Stage Gas Compression Suction Drums	XV-2122B	ON/OFF VAVLE (Ball Valve)	CDH-112-0021B-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
132	1st Stage Gas Compression Suction Drums	PSOV-2122B	Process Solenoid Valve	CDH-112-0021B-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER		
133	1st Stage Gas Compression Suction Drums	ESOV-2122B	ESD Solenoid Valve	CDH-112-0021B-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
134	1st Stage Gas Compression Suction Drums	XZSC-2121B	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0026B-AN07-8"-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	18.2	5.1	85	36.9/19	-	-	-	-	-	-	-	
135	1st Stage Gas Compression Suction Drums	XZSO-2121B	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0026B-AN07-8"-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	18.2	5.1	85	36.9/19	-	-	-	-	-	-	-	
136	1st Stage Gas Compression Suction Drums	PSOV-2121B	Process Solenoid Valve	GAS-111-0026B-AN07-8"-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	18.2	5.1	85	36.9/19	-	-	-	UCP-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
137	1st Stage Gas Compression Suction Drums	ESOV-2121B	ESD Solenoid Valve	GAS-111-0026B-AN07-8"-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	18.2	5.1	85	36.9/19	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
138	1st Stage Gas Compression Suction Drums	XV-2121B	ON/OFF VAVLE (Ball Valve)	GAS-111-0026B-AN07-8"-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	18.2	5.1	85	36.9/19	-	-	-	-	-	-	-	
139	1st Stage Gas Compression Suction Drums	PIT-2121C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031C-CN05-8"-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	47.7	4.9	85	36.78/18.88	VTA	0-9 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
140	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
141	1st Stage Gas Compression Suction Drums	PSOV-2123C (By Compressor Vendor)	Process Solenoid 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	62.4	54.1	175	60	-	-	-	-	-	-	-	
142	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	62.4	54.1	175	60	-	-	-	-	-	-	-	
143	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	62.4	54.1	175	60	-	-	-	-	-	-	-	
144	1st Stage Gas Compression Suction Drums	PSV-2121C	Pressure Safety Valve	GAS-111-0029C-CN05-2"-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	47.7	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
145	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/22	5.1	85	36.92/19.02	1219mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA		
146	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/22	5.1	85	36.92/19.02	0-100 °C	-	°C	-	-	-	Note 2	
147	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/22	5.1	85	36.92/19.02	0-10 barg	-	Barg	-	-	-	-	
148	1st Stage Gas Compression Suction Drums	PDI-T-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/22	5.1	85	36.92/19.02	VTA	0-500 mbarg	Bara	FIELD-DCS	AH-IS-NR	4-20 mA		
149	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/22	5.1	85	36.92/19.02	1300mm C-C LENGTH	-	mm	-	-	-	-	
150	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/22	5.1	85	36.92/19.02	813mm	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		
151	1st Stage Gas Compression Suction Drums	XZSC-2122C	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0021C-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
152	1st Stage Gas Compression Suction Drums	XZSO-2122C	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0021C-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
153	1st Stage Gas Compression Suction Drums	XV-2122C	ON/OFF VAVLE (Ball Valve)	CDH-112-0021C-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
154	1st Stage Gas Compression Suction Drums	PSOV-2122C	Process Solenoid Valve	CDH-112-0021C-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER		
155	1st Stage Gas Compression Suction Drums	ESOV-2122C	ESD Solenoid Valve	CDH-112-0021C-CS00-2"-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	30.3	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER		
156	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	18.2	5.1	85	36.9/19	-	-	-	-	-	-	-	
157	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	18.2	5.1	85	36.9/19	-	-	-	-	-	-	-	
158	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	18.2	5.1	85	36.9/19	-	-	-	UCP-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
159	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	18.2	5.1	85	36.9/19	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
160	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	18.2	5.1	85	36.9/19	-	-	-	-	-	-	-	

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
				INSTRUMENT INDEX																			
شماره پیمان:				پروژه	بسته کاری	مصادرکننده	تجهیزات	رشته	نوع مدرک	سریال	نسخه		شماره صفحه: ۹ از ۲۰										
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	D03													
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.	LOCATIO N LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
161	1st Stage Gas Compression Compressors	TG-2122A	Temperature Gauge (Bimetal)	GAS-111-0031A-CN05-8"-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	47.7	4.9	85	36.78/18.88	0-100 °C	-	°C	-	-	-	Note 2	
162	1st Stage Gas Compression Compressors	TIT-2121A	Temperature Indicating Transmitter (RTD)	GAS-111-0031A-CN05-8"-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	47.7	4.9	85	36.78/18.88	VTA	0-100 °C	°C	FIELD-DCS	AH-IS-NR	4-20 mA	Note 2	
163	1st Stage Gas Compression Compressors	PIT-2122A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031A-CN05-8"-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	47.7	4.9	85	36.78/18.88	VTA	0-9 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
164	1st Stage Gas Compression Compressors	PG-2122A	Pressure Gauge (Bourdon)	GAS-111-0031A-CN05-8"-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	47.7	4.9	85	36.78/18.88	0-10 barg	-	Barg	-	-	-		
165	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	47.7	19	155	124.8/113.1	-	-	-	-	-	-		
166	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	47.7	19	155	124.8/113.1	-	-	-	-	-	-		
167	1st Stage Gas Compression Compressors	PIT-2125A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0036A-CN05-6"-IS	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	47.7	19	155	124.8/113.1	VTA	0-38 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
168	1st Stage Gas Compression Compressors	TIT-2124A	Temperature Indicating Transmitter (RTD)	GAS-111-0036A-CN05-6"-IS	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	47.7	19	155	124.8/113.1	VTA	0-250 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	
169	1st Stage Gas Compression Compressors	TG-2123A	Temperature Gauge (Bimetal)	GAS-111-0036A-CN05-6"-IS	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	47.7	19	155	124.8/113.1	0-250 °C	-	°C	-	-	-	Note 2	
170	1st Stage Gas Compression Compressors	PG-2123A	Pressure Gauge (Bourdon)	GAS-111-0036A-CN05-6"-IS	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	47.7	19	155	124.8/113.1	0-40 barg	-	Barg	-	-	-		
171	1st Stage Gas Compression Compressors	BZSC-2122A	Limit Switch Close (Included in ON-OFF Valve)	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
172	1st Stage Gas Compression Compressors	BZSO-2122A	Limit Switch Open (Included in ON-OFF Valve)	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
173	1st Stage Gas Compression Compressors	BDV-2122A	ON/OFF VAVLE (Ball Valve)	GAS-111-0035A-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
174	1st Stage Gas Compression Compressors	BSOV-2122A	Process Solenoid Valve	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
175	1st Stage Gas Compression Compressors	TG-2122B	Temperature Gauge (Bimetal)	GAS-111-0031B-CN05-8"-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	47.7	4.9	85	36.78/18.88	0-100 °C	-	°C	-	-	-	Note 2	
176	1st Stage Gas Compression Compressors	TIT-2121B	Temperature Indicating Transmitter (RTD)	GAS-111-0031B-CN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	VTA	0-100 °C	°C	FIELD-DCS	AH-IS-NR	4-20 mA	Note 2	
177	1st Stage Gas Compression Compressors	PIT-2122B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031B-CN05-8"-ET	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	VTA	0-9 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
178	1st Stage Gas Compression Compressors	PG-2122B	Pressure Gauge (Bourdon)	GAS-111-0031B-CN05-8"-ET	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	47.7	4.9	85	36.78/18.88	0-10 barg	-	Barg	-	-	-		
179	1st Stage Gas Compression Compressors	PSV-2122B	Pressure Safety Valve	GAS-111-0032B-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	19	155	124.8/113.1	-	-	-	-	-	-		
180	1st Stage Gas Compression Compressors	PSV-2123B	Pressure Safety Valve	GAS-111-0033B-CN05-3"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	19	155	124.8/113.1	-	-	-	-	-	-		
181	1st Stage Gas Compression Compressors	PIT-2125B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0036B-CN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	19	155	124.8/113.1	VTA	0-38 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
182	1st Stage Gas Compression Compressors	TIT-2124B	Temperature Indicating Transmitter (RTD)	GAS-111-0036B-CN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	19	155	124.8/113.1	VTA	0-250 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	
183	1st Stage Gas Compression Compressors	TG-2123B	Temperature Gauge (Bimetal)	GAS-111-0036B-CN05-6"-IS	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	47.7	19	155	124.8/113.1	0-250 °C	-	°C	-	-	-	Note 2	
184	1st Stage Gas Compression Compressors	PG-2123B	Pressure Gauge (Bourdon)	GAS-111-0036B-CN05-6"-IS	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	47.7	19	155	124.8/113.1	0-40 barg	-	Barg	-	-	-		
185	1st Stage Gas Compression Compressors	BZSC-2122B	Limit Switch Close (Included in ON-OFF Valve)	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
186	1st Stage Gas Compression Compressors	BZSO-2122B	Limit Switch Open (Included in ON-OFF Valve)	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
187	1st Stage Gas Compression Compressors	BDV-2122B	ON/OFF VAVLE (Ball Valve)	GAS-111-0035A-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	-	-	-	-	
188	1st Stage Gas Compression Compressors	BSOV-2122B	Process Solenoid Valve	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
189	1st Stage Gas Compression Compressors	TG-2122C	Temperature Gauge (Bimetal)	GAS-111-0031C-CN05-8"-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	47.7	4.9	85	36.78/18.88	0-100 °C	-	°C	-	-	-	Note 2	
190	1st Stage Gas Compression Compressors	TIT-2121C	Temperature Indicating Transmitter (RTD)	GAS-111-0031C-CN05-8"-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	47.7	4.9	85	36.78/18.88	VTA	0-100 °C	°C	FIELD-DCS	AH-IS-NR	4-20 mA	Note 2	
191	1st Stage Gas Compression Compressors	PIT-2122C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0031C-CN05-8"-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	47.7	4.9	85	36.78/18.88	VTA	0-9 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
192	1st Stage Gas Compression Compressors	PG-2122C	Pressure Gauge (Bourdon)	GAS-111-0031C-CN05-8"-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	47.7	4.9	85	36.78/18.88	0-10 barg	-	Barg</					

 NISOC				نگهداشت 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	سوزل	نسخه	شماره صفحه: ۱۰ از ۲۰							
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCATIO N LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
193	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	47.7	19	155	124.8/113.1	-	-	-	-	-	-	-	-
194	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	47.7	19	155	124.8/113.1	-	-	-	-	-	-	-	-
195	1st Stage Gas Compression Compressors	PIT-2125C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0036C-CN05-6"-IS	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	47.7	19	155	124.8/113.1	VTA	0-38 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA	-	-
196	1st Stage Gas Compression Compressors	TIT-2124C	Temperature Indicating Transmitter (RTD)	GAS-111-0036C-CN05-6"-IS	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	47.7	19	155	124.8/113.1	VTA	0-250 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	-
197	1st Stage Gas Compression Compressors	TG-2123C	Temperature Gauge (Bimetal)	GAS-111-0036C-CN05-6"-IS	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	47.7	19	155	124.8/113.1	0-250 °C	-	°C	-	-	-	Note 2	-
198	1st Stage Gas Compression Compressors	PG-2123C	Pressure Gauge (Bourdon)	GAS-111-0036C-CN05-6"-IS	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	47.7	19	155	124.8/113.1	0-40 barg	-	Barg	-	-	-	-	-
199	1st Stage Gas Compression Air Coolers	TIT-2126A	Temperature Indicating Transmitter (RTD)	GAS-111-0037A-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	VTA	0-120 °C	°C	FIELD-DCS	AH-IS-R	4-20 mA	Note 2	-
200	1st Stage Gas Compression Compressors	BZSC-2122C	Limit Switch Close (Included in ON-OFF Valve)	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
201	1st Stage Gas Compression Compressors	BZSO-2122C	Limit Switch Open (Included in ON-OFF Valve)	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
202	1st Stage Gas Compression Compressors	BDV-2122C	ON/OFF VAVLE (Ball Valve)	GAS-111-0035A-CN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	-	-	-	-	-
203	1st Stage Gas Compression Compressors	BDOV-2122C	Process Solenoid Valve	BDV-2122A	BK-GCS-PEDCO-120-PR-PI-0007 (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	47.7	4.9	85	36.78/18.88	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
204	1st Stage Gas Compression Air Coolers	TIT-2125A	Temperature Indicating Transmitter (RTD)	GAS-111-0037A-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	VTA	0-120 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	-
205	1st Stage Gas Compression Air Coolers	TG-2124A	Temperature Gauge (Bimetal)	GAS-111-0037A-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	0-160 °C	-	°C	-	-	-	Note 2	-
206	1st Stage Gas Compression Air Coolers	PG-2124A	Pressure Gauge (Bourdon)	GAS-111-0037A-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	0-40 barg	-	Barg	-	-	-	-	-
207	1st Stage Gas Compression Air Coolers	TIT-2126B	Temperature Indicating Transmitter (RTD)	GAS-111-0037B-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	VTA	0-120 °C	°C	FIELD-DCS	AH-IS-R	4-20 mA	Note 2	-
208	1st Stage Gas Compression Air Coolers	TIT-2125B	Temperature Indicating Transmitter (RTD)	GAS-111-0037B-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	VTA	0-120 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	-
209	1st Stage Gas Compression Air Coolers	TG-2124B	Temperature Gauge (Bimetal)	GAS-111-0037B-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	0-160 °C	-	°C	-	-	-	Note 2	-
210	1st Stage Gas Compression Air Coolers	PG-2124B	Pressure Gauge (Bourdon)	GAS-111-0037B-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	0-40 barg	-	Barg	-	-	-	-	-
211	1st Stage Gas Compression Air Coolers	TIT-2126C	Temperature Indicating Transmitter (RTD)	GAS-111-0037C-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	VTA	0-120 °C	°C	FIELD-DCS	AH-IS-R	4-20 mA	Note 2	-
212	1st Stage Gas Compression Air Coolers	TIT-2125C	Temperature Indicating Transmitter (RTD)	GAS-111-0037C-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	VTA	0-120 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	-
213	1st Stage Gas Compression Air Coolers	TG-2124C	Temperature Gauge (Bimetal)	GAS-111-0037C-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	0-160 °C	-	°C	-	-	-	Note 2	-
214	1st Stage Gas Compression Air Coolers	PG-2124C	Pressure Gauge (Bourdon)	GAS-111-0037C-CS00-6"-IS	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	F.V/30.3	18.3	115.4	60	0-40 barg	-	Barg	-	-	-	-	-
215	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/47.7	18.3	115.4	60	-	-	-	-	-	-	-	-
216	2nd Stage Gas Compression Suction Drums	FG-2134A	Rotameter	CHM-112-0004A-FS00-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (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	62.4	3.5	85	55	0-11 Llit/hr (VTC)	-	Lit/hr	-	-	-	-	-
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	115.4	60	1219mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA	-	-
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)	GAS	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	115.4	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	115.4	60	0-40 barg	-	Barg	-	-	-	-	-
220	2nd Stage Gas Compression Suction Drums	PDIIT-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	115.4	60	VTA	0-500 mbarg	Bara	DCS	AH-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	115.4	60	1300mm C-C LENGTH	-	mm	-	-	-	-	-
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	115.4	60	813mm	-	mm	FIELD-DCS	AH-IS-R	4-20 mA	-	-
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/30.3	18.1	115.4	60	-	-	-	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</												

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض																					
				INSTRUMENT INDEX																					
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تجهیزات	رشته	نوع مدرک	سوزل	نسخه	شماره صفحه: ۱۱ از ۲۰													
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03														
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.	LOCIAON LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)										
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/30.3	18.1	115.4	60	-	-	-	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/30.3	18.1	115.4	60	-	-	-	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/30.3	18.1	115.4	60	-	-	-	-	-	-	-			
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/30.3	18.1	115.4	60	-	-	-	-	-	-	-			
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/47.7	18.1	115.4	60	-	-	-	-	-	-	-			
230	2nd Stage Gas Compression Suction Drums	BZSC-2134A	Limit Switch Close (Included in blowdown Valve)	GAS-111-0160A-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-			
231	2nd Stage Gas Compression Suction Drums	BZSO-2134A	Limit Switch Open (Included in blowdown Valve)	GAS-111-0160A-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-			
232	2nd Stage Gas Compression Suction Drums	BSOV-2134A	BDV Solenoid Valve	GAS-111-0160A-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-			
233	2nd Stage Gas Compression Suction Drums	PSOV-2134A	Process Solenoid Valve	GAS-111-0160A-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-			
234	2nd Stage Gas Compression Suction Drums	BDV-2134A	Blowdown valve	GAS-111-0160A-CN05-2"-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/47.7	18.1	115.4	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/47.7	18.3	115.4	60	-	-	-	-	-	-	-			
236	2nd Stage Gas Compression Suction Drums	FG-2134B	Rotameter	CHM-112-0004B-F500-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (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	62.4	3.5	85	55	0-11 Lti/hr (VTC)	-	Lti/hr	-	-	-	-			
237	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	115.4	60	1219mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA	-			
238	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	115.4	60	0-160 °C	-	°C	-	-	-	Note 2			
239	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	115.4	60	0-40 barg	-	Barg	-	-	-	-			
240	2nd Stage Gas Compression Suction Drums	PDT-2131B	Differential Pressure Indicating Transmitter (Diaphragm)	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	115.4	60	VTA	0-500 mbarg	Bara	FIELD-DCS	AH-IS-NR	4-20 mA	-			
241	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	115.4	60	1300mm C-C LENGTH	-	mm	-	-	-	-			
242	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	115.4	60	813mm	-	mm	FIELD-DCS	AH-IS-R	4-20 mA	-			
243	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/30.3	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-			
244	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/30.3	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-			
245	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/30.3	18.1	115.4	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-			
246	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/30.3	18.1	115.4	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-			
247	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/30.3	18.1	115.4	60	-	-	-	-	-	-	-			
248	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/30.3	18.1	115.4	60	-	-	-	-	-	-	-			
249	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/47.7	18.1	115.4	60	-	-	-	-	-	-	-			
250	2nd Stage Gas Compression Suction Drums	BZSC-2134B	Limit Switch Close (Included in blowdown Valve)	GAS-111-0160B-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-			
251	2nd Stage Gas Compression Suction Drums	BZSO-2134B	Limit Switch Open (Included in blowdown Valve)	GAS-111-0160B-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-			
252	2nd Stage Gas Compression Suction Drums	BSOV-2134B	BDV Solenoid Valve	GAS-111-0160B-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-			
253	2nd Stage Gas Compression Suction Drums	PSOV-2134B	Process Solenoid Valve	GAS-111-0160B-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-			
254	2nd Stage Gas Compression Suction Drums	BDV-2134B	Blowdown valve	GAS-111-0160B-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	-	-	-	-			
255	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/47.7	18.3	115.4	60	-	-	-	-	-	-	-			
256	2nd Stage Gas Compression Suction Drums	FG-2134C	Rotameter	CHM-112-0004C-F500-3/4"-NP	BK-GCS-PEDCO-120-PR-PI-0009 (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	62.4	3.5	85	55	0-11 Lti/hr (VTC)	-	Lti/hr	-	-	-	-			

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
				INSTRUMENT INDEX																			
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تجهیزات	رشته	نوع مدرک	سوزل	نسخه	شماره صفحه: ۱۲ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCIAON LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
257	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	115.4	60	1219mm	-	mm	FIELD-ESD	AH-S-R	4-20 mA	-	
258	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	115.4	60	0-160 °C	-	°C	-	-	-	Note 2	
259	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	115.4	60	0-40 barg	-	Barg	-	-	-		
260	2nd Stage Gas Compression Suction Drums	PDT-2131C	Differential Pressure Indicating Transmitter (Diaphragm)	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	115.4	60	VTA	0-500 mbarg	Bara	FIELD-DCS	AH-S-NR	4-20 mA	-	
261	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	115.4	60	1300mm C-C LENGTH	-	mm	-	-	-	-	
262	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	115.4	60	813mm	-	mm	FIELD-DCS	AH-S-R	4-20 mA	-	
263	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/30.3	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
264	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/30.3	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
265	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/30.3	18.1	115.4	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
266	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/30.3	18.1	115.4	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
267	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/30.3	18.1	115.4	60	-	-	-	-	-	-	-	
268	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/30.3	18.1	115.4	60	-	-	-	-	-	-	-	
269	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/47.7	18.1	115.4	60	-	-	-	-	-	-	-	
270	2nd Stage Gas Compression Suction Drums	BZSC-2134C	Limit Switch Close (Included in blowdown Valve)	GAS-111-0160C-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
271	2nd Stage Gas Compression Suction Drums	BZSO-2134C	Limit Switch Open (Included in blowdown Valve)	GAS-111-0160C-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
272	2nd Stage Gas Compression Suction Drums	BSOV-2134C	BDV Solenoid Valve	GAS-111-0160C-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
273	2nd Stage Gas Compression Suction Drums	PSOV-2134C	Process Solenoid Valve	GAS-111-0160C-CN05-2"-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/30.3	18.1	115.4	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
274	2nd Stage Gas Compression Suction Drums	BDV-2134C	Blowdown valve	GAS-111-0160C-CN05-2"-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/47.7	18.1	115.4	60	-	-	-	-	-	-	-	
275	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/47.7	18.1	115.4	60	0-160 °C	-	°C	-	-	-	Note 2	
276	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/47.7	18.1	115.4	60	VTA	0-120 °C	°C	FIELD-DCS	AH-IS-NR	4-20 mA	Note 2	
277	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/47.7	18.1	115.4	60	VTA	0-36 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA		
278	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/47.7	18.1	115.4	60	0-40 barg	-	Barg	-	-	-		
279	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	90	54.8	175	149.5/142.3	-	-	-	-	-	-		
280	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	90	54.8	175	149.5/142.3	-	-	-	-	-	-		
281	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	90	54.8	175	149.5/142.3	VTA	0-100 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA		
282	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	90	54.8	175	149.5/142.3	VTA	0-300 °C	°C	FIELD-ESD	AH-S-R	4-20 mA	Note 2	
283	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	90	54.8	175	149.5/142.3	0-250 °C	-	°C	-	-	-	Note 2	
284	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	90	54.8	175	149.5/142.3	0-100 barg	-	Barg	-	-	-		
285	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/47.7	18.1	115.4	60	0-160 °C	-	°C	-	-	-	Note 2	
286	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/47.7	18.1	115.4	60	VTA	0-120 °C	°C	FIELD-DCS	AH-IS-NR	4-20 mA	Note 2	
287	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/47.7	18.1	115.4	60	VTA	0-36 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA		
288	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/47.7											

 NISOC				نگهداشت 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	سوزش	نسخه	شماره صفحه: ۱۳ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCATIO N LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
289	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	90	54.8	175	149.5/142.3	-	-	-	-	-	-	-	-
290	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	90	54.8	175	149.5/142.3	-	-	-	-	-	-	-	-
291	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	90	54.8	175	149.5/142.3	VTA	0-100 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA	-	-
292	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	90	54.8	175	149.5/142.3	VTA	0-300 °C	°C	FIELD-ESD	AH-S-R	4-20 mA	Note 2	-
293	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	90	54.8	175	149.5/142.3	0-250 °C	-	°C	-	-	-	Note 2	-
294	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	90	54.8	175	149.5/142.3	0-100 barg	-	Barg	-	-	-	-	-
295	2nd Stage Gas Compression Compressors	TG-2132C	Temperature Gauge (Bimetal)	GAS-111-0044C-CN05-6"-ET	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	F.V/47.7	18.1	115.4	60	0-160 °C	-	°C	-	-	-	Note 2	-
296	2nd Stage Gas Compression Compressors	TIT-2131C	Temperature Indicating Transmitter (RTD)	GAS-111-0044C-CN05-6"-ET	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-0005	BK-GCS-PEDCO-120-IN-PY-0003	F.V/47.7	18.1	115.4	60	VTA	0-120 °C	°C	FIELD-DCS	AH-S-NR	4-20 mA	Note 2	-
297	2nd Stage Gas Compression Compressors	PIT-2131C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0044C-CN05-6"-ET	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	F.V/47.7	18.1	115.4	60	VTA	0-36 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA	-	-
298	2nd Stage Gas Compression Compressors	PG-2132C	Pressure Gauge (Bourdon)	GAS-111-0044C-CN05-6"-ET	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	F.V/47.7	18.1	115.4	60	0-40 barg	-	Barg	-	-	-	-	-
299	2nd Stage Gas Compression Compressors	PSV-2132C	Pressure Safety Valve	GAS-111-0047C-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0010 (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	90	54.8	175	149.5/142.3	-	-	-	-	-	-	-	-
300	2nd Stage Gas Compression Compressors	PSV-2133C	Pressure Safety Valve	GAS-111-0048C-FN05-2"-PT	BK-GCS-PEDCO-120-PR-PI-0010 (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	90	54.8	175	149.5/142.3	-	-	-	-	-	-	-	-
301	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	90	54.8	175	149.5/142.3	VTA	0-100 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA	-	-
302	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	90	54.8	175	149.5/142.3	VTA	0-300 °C	°C	FIELD-ESD	AH-S-R	4-20 mA	Note 2	-
303	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	90	54.8	175	149.5/142.3	0-250 °C	-	°C	-	-	-	Note 2	-
304	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	90	54.8	175	149.5/142.3	0-100 barg	-	Barg	-	-	-	-	-
305	2nd Stage Gas Compression Air Coolers	TIT-2135A	Temperature Indicating Transmitter (RTD)	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	VTA	0-120 °C	°C	FIELD-DCS	AH-S-R	4-20 mA	Note 2	-
306	2nd Stage Gas Compression Air Coolers	TIT-2136A	Temperature Indicating Transmitter (RTD)	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	VTA	0-120 °C	°C	FIELD-ESD	AH-S-R	4-20 mA	Note 2	-
307	2nd Stage Gas Compression Air Coolers	TG-2134A	Temperature Gauge (Bimetal)	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	0-160 °C	-	°C	-	-	-	Note 2	-
308	2nd Stage Gas Compression Air Coolers	PG-2134A	Pressure Gauge (Bourdon)	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	0-100 barg	-	Barg	-	-	-	-	-
309	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	62.4	ATM	85	55	0-30 Lit/hr (VTC)	-	Lit/hr	-	-	-	-	-
310	2nd Stage Gas Compression Air Coolers	PIT-2135A	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0057A-FS00-4"-IS	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	62.4	54.1	175	60	VTA	0-100 barg	Barg	FIELD-DCS	AH-S-R	4-20 mA	-	-
311	2nd Stage Gas Compression Air Coolers	PCV-2135A	Pressure Control Valve (Globe Valve)	GAS-111-0057A-FS00-4"-IS	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	-
312	2nd Stage Gas Compression Air Coolers	RO-2133A	Restriction Orifice	GAS-111-0054A-FS00-1 1/2"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	-
313	2nd Stage Gas Compression Air Coolers	BZSC-2132A	Limit Switch Close (Included in blowdown Valve)	BDV-2132A	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
314	2nd Stage Gas Compression Air Coolers	BZSO-2132A	Limit Switch Open (Included in blowdown Valve)	BDV-2132A	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
315	2nd Stage Gas Compression Air Coolers	PSOV-2132A	Process Solenoid Valve	BDV-2132A	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
316	2nd Stage Gas Compression Air Coolers	BSOV-2132A	BDV Solenoid Valve	BDV-2132A	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	62.4	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
317	2nd Stage Gas Compression Air Coolers	BDV-2132A	Blowdown valve	GAS-111-0054A-FS00-1 1/2"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	-
318	2nd Stage Gas Compression Air Coolers	XZSC-2133A	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
319	2nd Stage Gas Compression Air Coolers	XZSO-2133A	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
320	2nd Stage Gas Compression Air Coolers	PSOV-2133A	Process Solenoid Valve	GAS-111-0058A-FS00-6"-IS	BK-GCS-PEDCO-120-PR-PI-0011 (1 of 3)	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0010	BK-GCS														

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض								شماره صفحه: ۱۴ از ۲۰											
				احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک								INSTRUMENT INDEX											
شماره پیمان:				پروژه	بسته کاری	مصادرکننده	تجهیزات	رشته	نوع مدرک	سوزل	نسخه												
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCATIO N LAYOUT DWG NO.	DESIGN (BAR)	OPER. (BAR)	DESIGN (°C)	OPER. (°C)								
321	2nd Stage Gas Compression Air Coolers	ESOV-2133A	ESD Solenoid Valve	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
322	2nd Stage Gas Compression Air Coolers	XV-2133A	ON/OFF VAVLE (Ball Valve)	GAS-111-0058A-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	
323	2nd Stage Gas Compression Air Coolers	TIT-2135B	Temperature Indicating Transmitter (RTD)	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	VTA	0-120 °C	°C	FIELD-DCS	AH-IS-R	4-20 mA	Note 2	
324	2nd Stage Gas Compression Air Coolers	TIT-2136B	Temperature Indicating Transmitter (RTD)	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	VTA	0-120 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	
325	2nd Stage Gas Compression Air Coolers	TG-2134B	Temperature Gauge (Bimetal)	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	0-160 °C	-	°C	-	-	-	Note 2	
326	2nd Stage Gas Compression Air Coolers	PG-2134B	Pressure Gauge (Bourdon)	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	0-100 barg	-	Barg	-	-	-		
327	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	62.4	ATM	85	55	0-30 Lit/hr (VTC)	-	Lit/hr	-	-	-	-	
328	2nd Stage Gas Compression Air Coolers	PIT-2135B	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0057B-FS00-4"-IS	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	62.4	54.1	175	60	VTA	0-100 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA	-	
329	2nd Stage Gas Compression Air Coolers	PCV-2135B	Pressure Control Valve (Globe Valve)	GAS-111-0057B-FS00-4"-IS	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	
330	2nd Stage Gas Compression Air Coolers	RO-2133B	Restriction Orifice	GAS-111-0054B-FS00-1 1/2"-IS	BK-GCS-PEDCO-120-PR-PI-0011 (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	62.4	54.1	175	60	-	-	-	-	-	-	-	
331	2nd Stage Gas Compression Air Coolers	BZSC-2132B	Limit Switch Close (Included in blowdown Valve)	BDV-2132B	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
332	2nd Stage Gas Compression Air Coolers	BZSO-2132B	Limit Switch Open (Included in blowdown Valve)	BDV-2132B	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
333	2nd Stage Gas Compression Air Coolers	PSOV-2132B	Process Solenoid Valve	BDV-2132B	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
334	2nd Stage Gas Compression Air Coolers	BSOV-2132B	BDV Solenoid Valve	BDV-2132B	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	62.4	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
335	2nd Stage Gas Compression Air Coolers	BDV-2132B	Blowdown valve	GAS-111-0054B-FS00-1 1/2"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	
336	2nd Stage Gas Compression Air Coolers	XZSC-2133B	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
337	2nd Stage Gas Compression Air Coolers	XZSO-2133B	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
338	2nd Stage Gas Compression Air Coolers	PSOV-2133B	Process Solenoid Valve	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
339	2nd Stage Gas Compression Air Coolers	ESOV-2133B	ESD Solenoid Valve	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
340	2nd Stage Gas Compression Air Coolers	XV-2133B	ON/OFF VAVLE (Ball Valve)	GAS-111-0058B-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	
341	2nd Stage Gas Compression Air Coolers	TIT-2135C	Temperature Indicating Transmitter (RTD)	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60	VTA	0-120 °C	°C	FIELD-DCS	AH-IS-R	4-20 mA	Note 2	
342	2nd Stage Gas Compression Air Coolers	TIT-2136C	Temperature Indicating Transmitter (RTD)	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60	VTA	0-120 °C	°C	FIELD-ESD	AH-IS-R	4-20 mA	Note 2	
343	2nd Stage Gas Compression Air Coolers	TG-2134C	Temperature Gauge (Bimetal)	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60	0-160 °C	-	°C	-	-	-	Note 2	
344	2nd Stage Gas Compression Air Coolers	PG-2134C	Pressure Gauge (Bourdon)	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60	0-100 barg	-	Barg	-	-	-		
345	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	62.4	ATM	85	55	0-30 Lit/hr (VTC)	-	Lit/hr	-	-	-	-	
346	2nd Stage Gas Compression Air Coolers	PIT-2135C	Pressure Indicating Transmitter (Diaphragm)	GAS-111-0057C-FS00-4"-IS	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	62.4	54.1	175	60	VTA	0-100 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA	-	
347	2nd Stage Gas Compression Air Coolers	PCV-2135C	Pressure Control Valve (Globe Valve)	GAS-111-0057C-FS00-4"-IS	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	
348	2nd Stage Gas Compression Air Coolers	RO-2133C	Restriction Orifice	GAS-111-0054C-FS00-1 1/2"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	
349	2nd Stage Gas Compression Air Coolers	BZSC-2132C	Limit Switch Close (Included in blowdown Valve)	BDV-2132C	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
350	2nd Stage Gas Compression Air Coolers	BZSO-2132C	Limit Switch Open (Included in blowdown Valve)	BDV-2132C	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	
351	2nd Stage Gas Compression Air Coolers	PSOV-2132C	Process Solenoid Valve	BDV-2132C	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	62.4	54.1	175	60	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	
352	2nd Stage Gas Compression Air Coolers	BSOV-2132C	BDV Solenoid Valve	BDV-2132C	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	62.4	54.1	175	60	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	

 NISOC				نگهداشت 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	سوزل	نسخه	شماره صفحه: ۱۵ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCATIO N DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
353	2nd Stage Gas Compression Air Coolers	BDV-2132C	Blowdown valve	GAS-111-0054C-FS00-1 1/2"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	-
354	2nd Stage Gas Compression Air Coolers	XZSC-2133C	Limit Switch Close (Included in ON-OFF Valve)	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
355	2nd Stage Gas Compression Air Coolers	XZSO-2133C	Limit Switch Open (Included in ON-OFF Valve)	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60				FIELD-DCS	DI-NIS-NR	24 VDC	-	-
356	2nd Stage Gas Compression Air Coolers	PSOV-2133C	Process Solenoid Valve	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60				DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
357	2nd Stage Gas Compression Air Coolers	ESOV-2133C	ESD Solenoid Valve	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60				ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
358	2nd Stage Gas Compression Air Coolers	XV-2133C	ON/OFF VAVLE (Ball Valve)	GAS-111-0058C-FS00-6"-IS	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	62.4	54.1	175	60	-	-	-	-	-	-	-	-
359	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	62.4	ATM	55	AMB	0-75 Llit/hr (VTC)	-	Lit/hr	-	-	-	-	-
360	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	62.4	ATM	55	AMB	0-0.5 Llit/hr (VTC)	-	Lit/hr	-	-	-	-	-
361	2nd Stage Gas Compression Discharge Drum	PSV-2141	Pressure Safety Valve	GAS-111-0060-FN05-3"-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	90	53.9	130	59.89	-	-	-	-	-	-	-	-
362	2nd Stage Gas Compression Discharge Drum	PSV-2142	Pressure Safety Valve	GAS-111-0062-FN05-3"-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	90	53.9	130	59.89	-	-	-	-	-	-	-	-
363	2nd Stage Gas Compression Discharge Drum	BZSC-2141	Limit Switch Close (Included in blowdown Valve)	BDV-2141	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	90	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
364	2nd Stage Gas Compression Discharge Drum	BZSO-2141	Limit Switch Open (Included in blowdown Valve)	BDV-2141	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	90	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
365	2nd Stage Gas Compression Discharge Drum	BSOV-2141	BDV Solenoid Valve	BDV-2141	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	90	53.9	130	59.89	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
366	2nd Stage Gas Compression Discharge Drum	BDV-2141	Blowdown valve	GAS-111-0065-FN05-1 1/2"-IS	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	90	53.9	130	59.89	-	-	-	-	-	-	-	-
367	2nd Stage Gas Compression Discharge Drum	RO-2141	Restriction Orifice	GAS-111-0065-FN05-1 1/2"-IS	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0013	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	90	53.9	130	59.89	-	-	-	-	-	-	-	-
368	2nd Stage Gas Compression Discharge Drum	CP-2141	Corrosion Probe (LPR probes)	GAS-111-0066-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	90	53.9	130	59.89	-	-	mm	-	-	-	-	-
369	2nd Stage Gas Compression Discharge Drum	CC-2141	Corrosion Coupon (Strip Ladder)	GAS-111-0066-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0014	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	90	53.9	130	59.89	-	-	mm	-	-	-	-	-
370	2nd Stage Gas Compression Discharge Drum	PG-2142	Pressure Gauge (Bourdon)	GAS-111-0066-FN05-6"-IS	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	90	53.9	130	59.89	0-100 barg	-	Barg	-	-	-	-	-
371	2nd Stage Gas Compression Discharge Drum	TG-2142	Temperature Gauge (Bimetal)	GAS-111-0066-FN05-6"-IS	BK-GCS-PEDCO-120-PR-PI-0012	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0002	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	90	53.9	130	59.89	0-160 °C	-	°C	-	-	-	Note 2	-
372	2nd Stage Gas Compression Discharge Drum	XZSC-2142	Limit Switch Close (Included in ON-OFF Valve)	XV-2142	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	90	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
373	2nd Stage Gas Compression Discharge Drum	XZSO-2142	Limit Switch Open (Included in ON-OFF Valve)	XV-2142	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	90	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
374	2nd Stage Gas Compression Discharge Drum	ESOV-2142	ESD Solenoid Valve	XV-2142	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	90	53.9	130	59.89	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
375	2nd Stage Gas Compression Discharge Drum	PSOV-2142	Process Solenoid Valve	XV-2142	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	90	53.9	130	59.89	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
376	2nd Stage Gas Compression Discharge Drum	XV-2142	ON/OFF VAVLE (Ball Valve)	GAS-111-0066-FN05-6"-IS	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	90	53.9	130	59.89	-	-	-	-	-	-	-	-
377	2nd Stage Gas Compression Discharge Drum	XZSC-2143	Limit Switch Close (Included in ON-OFF Valve)	XV-2143	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	90	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
378	2nd Stage Gas Compression Discharge Drum	XZSO-2143	Limit Switch Open (Included in ON-OFF Valve)	XV-2143	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	90	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
379	2nd Stage Gas Compression Discharge Drum	ESOV-2143	ESD Solenoid Valve	XV-2143	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	90	53.9	130	59.89	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
380	2nd Stage Gas Compression Discharge Drum	PSOV-2143	Process Solenoid Valve	XV-2143	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	90	53.9	130	59.89	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
381	2nd Stage Gas Compression Discharge Drum	XV-2143	ON/OFF VAVLE (Ball Valve)	GAS-111-0366-FN05-2"-IS	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	90	53.9	130	59.89	-	-	-	-	-	-	-	-
382	2nd Stage Gas Compression Discharge Drum	PDIT-2143	Differential Pressure Indicating Transmitter (Diaphragm)	GAS-111-0366-FN05-2"-IS	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	90	53.9	130	59.89	VTA	0-500 mbarg	Bara	FIELD-DCS	AHIS-R	4-20 mA	-	-
383	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	62	53.9	130	59.89	1219mm	-	mm	FIELD-ESD	AHIS-R	4-20 mA	-	-
384	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	62	53.9	130	59.89	0-160 °C	-	°C	-	-	-	Note 2	-

 NISOC				نگهداشت 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	سوزش	نسخه	شماره صفحه: ۱۶ از ۲۰							
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCATIO N LAYOUT DWG NO.	DESIGN (BAR)	OPER. (BAR)	DESIGN (°C)	OPER. (°C)								
385	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	62	53.9	130	59.89	0-100 barg	-	Barg	-	-	-	-	-
386	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	62	53.9	130	59.89	VTA	0-500 mbarg	Barg	FIELD-DCS	AH-IS-NR	4-20 mA	-	-
387	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	62	53.9	130	59.89	1300mm C-C LENGTH	-	mm	-	-	-	-	-
388	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	62	53.9	130	59.89	813mm	-	mm	FIELD-DCS	AH-IS-R	4-20 mA	-	-
389	2nd Stage Gas Compression Discharge Drum	RO-2144	Restriction Orifice	CDH-112-0025-F500-2"-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	62.4	53.9	130	59.89	-	-	-	-	-	-	-	-
390	2nd Stage Gas Compression Discharge Drum	XZSC-2144	Limit Switch Close (Included in ON-OFF Valve)	CDH-112-0025-F500-2"-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	62.4	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-R	24 VDC	-	-
391	2nd Stage Gas Compression Discharge Drum	XZSO-2144	Limit Switch Open (Included in ON-OFF Valve)	CDH-112-0025-F500-2"-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	62.4	53.9	130	59.89	-	-	-	FIELD-DCS	DI-NIS-R	24 VDC	-	-
392	2nd Stage Gas Compression Discharge Drum	ESOV-2144	ESD Solenoid Valve	CDH-112-0025-F500-2"-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	62.4	53.9	130	59.89	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
393	2nd Stage Gas Compression Discharge Drum	PSOV-2144	Process Solenoid Valve	CDH-112-0025-F500-2"-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	62.4	53.9	130	59.89	-	-	-	DCS-FIELD	DO-NIS-NR	24VDC LOOP POWER	-	-
394	2nd Stage Gas Compression Discharge Drum	XV-2144	ON/OFF VAVLE (Ball Valve)	CDH-112-0025-F500-2"-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	62.4	53.9	130	59.89	-	-	-	-	-	-	-	-
395	Gas Compression Dehydration Package	FG-2151	Rotameter	CHM-112-0011-F500-3/4"-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	62.4	ATM	85	AMB	0-0.5 Lti/hr (VTC)	-	Lti/hr	-	-	-	-	-
396	Gas Compression Dehydration Package	FG-2152	Rotameter	CHM-112-0007-F500-3/4"-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	62.4	3.5	85	AMB	0-75 Lti/hr (VTC)	-	Lti/hr	-	-	-	-	-
397	Gas Compression Dehydration Package	BZSC-2151	Limit Switch Close (Included in blowdown Valve)	BDV-2151	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	90	52.9	85	59.40/59.36	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
398	Gas Compression Dehydration Package	BZSO-2151	Limit Switch Open (Included in blowdown Valve)	BDV-2151	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	90	52.9	85	59.40/59.36	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-	-
399	Gas Compression Dehydration Package	BSOV-2151	BDV Solenoid Valve	BDV-2151	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	90	52.9	85	59.40/59.36	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	-
400	Gas Compression Dehydration Package	BDV-2151	Blowdown valve	GAS-111-0071-FN05-3"-IS	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	90	52.9	85	59.40/59.36	-	-	-	-	-	-	-	-
401	Gas Compression Dehydration Package	RO-2151	Restriction Orifice	GAS-111-0071-FN05-3"-IS	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	90	52.9	85	59.40/59.36	-	-	-	-	-	-	-	-
402	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	90	52.9	85	59.40/59.36	VTA	0-100 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA	-	-
403	Gas Compression Dehydration Package	PCV-2151	Pressure Control Valve (Globe Valve)	GAS-111-0179-FN05-6"-IS	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	90	52.9	85	59.40/59.36	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	-
404	Gas Compression Dehydration Package	PCV-2152	Pressure Control Valve (Globe Valve)	GAS-111-0052-FN05-4"-IS	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	90	52.9	85	59.40/59.36	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA	-	-
405	Gas Compression Dehydration Package	CP-2151	Corrosion Probe (LPR probes)	GAS-111-0179-FN05-6"-IS	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	90	52.9	85	59.40/59.36	-	-	mm	-	-	-	-	-
406	Gas Compression Dehydration Package	CC-2151	Corrosion Coupon (Strip Ladder)	GAS-111-0179-FN05-6"-IS	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	90	52.9	85	59.40/59.36	-	-	mm	-	-	-	-	-
407	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	18.2	2.07	85	50	0-100 °C	-	°C	-	-	-	Note 2	-
408	Lean Glycol Storage Tank	PG-2161	Pressure Gauge (Diaphragm)	NIT-112-0040-AN01-2"-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	18.2	0.1	85	AMB	0-0.25 barg	-	Barg	-	-	-	-	-
409	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 LIQUID+160mbarg/-7mbarg	0.1	85	AMB	VTA	-	-	-	-	-	1	-
410	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 LIQUID+160mbarg/-7mbarg	0.1	85	AMB	VTA	-	-	-	-	-	-	-
411	Lean Glycol Storage Tank	PRV-2161	Pressure Regulator Valve	NIT-112-0010-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0014	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	8	85	60	VTA	-	-	-	-	-	-	-
412	Lean Glycol Storage Tank	PRV-2162	Pressure Regulator Valve	NIT-112-0040-AN01-2"-PT	BK-GCS-PEDCO-120-PR-PI-0014	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	0.1	85	AMB	VTA	-	-	-	-	-	-	-
413	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	18.2	1.5	85	50	0-2.5 barg	-	Barg	-	-	-	-	-
414	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	ATM+FULL OF LIQUID+160mbarg/-7mbarg	0.1	85	AMB	1650mm C-C LENGTH	-	mm	-	-	-	-	-
415	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	ATM+FULL OF LIQUID+160mbarg/-7mbarg	0.1	85	AMB	1650mm C-C LENGTH	-	mm	-	-	-	-	-
416	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	ATM+FULL OF LIQUID+160mbarg/-7mbarg	0.1	85	AMB	1650mm C-C LENGTH	-	mm	-	-	-	-	-

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض																			
								INSTRUMENT INDEX															
شماره پیمان:				پروژه	بسته کاری	صادرکننده	تجهیزات	رشته	نوع مدرک	سوزل	نسخه	شماره صفحه: ۱۷ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCATIO N LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
417	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 LIQUID+160mbarg/-7mbarg	0.1	85	AMB	4400	-	mm	FIELD-DCS	AH-IS-NR	4-20 mA		
418	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 LIQUID+160mbarg/-7mbarg	0.1	85	AMB	4200	-	mm	FIELD-ESD	AH-IS-R	4-20 mA		
419	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 LIQUID+160mbarg/-7mbarg	0.1	85	AMB	VTA	0-0.2 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
420	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 LIQUID+160mbarg/-7mbarg	0.1	85	AMB	-	-	-	-	-	-	-	
421	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	18.2	0.5	85	50	0-1 barg	-	Barg	-	-	-	-	
422	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	18.2	2.07	85	50	0-4 barg	-	Barg	-	-	-	-	
423	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	18.2	2.07	85	50	0-4 barg	-	Barg	-	-	-	-	
424	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	18.2	9	90	65	VTA	0-18 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
425	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	18.2	9	90	65	VTA	0-18 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
426	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	18.2	9	90	65	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
427	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	18.2	9	90	65	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-	
428	Instrument & Plant Air System	PIT-2203A	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	18.2	8	85	65	VTA	0-16 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
429	Instrument & Plant Air System	PIT-2203A	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	18.2	8	85	65	VTA	0-16 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
430	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	18.2	8	85	65	0-16 barg	-	Barg	-	-	-	-	
431	Instrument & Plant Air System	PRV-2201	Pressure Regulator 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-0011	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	8	85	65	VTA	-	-	-	-	-	-	
432	Instrument & Plant Air System	PIT-2201A	Pressure Indicating Transmitter (Diaphragm)	ISA-112-0013-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	18.2	8	85	65	VTA	0-16 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
433	Instrument & Plant Air System	PIT-2201B	Pressure Indicating Transmitter (Diaphragm)	ISA-112-0013-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	18.2	8	85	65	VTA	0-16 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
434	Instrument & Plant Air System	PIT-2201C	Pressure Indicating Transmitter (Diaphragm)	ISA-112-0013-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	18.2	8	85	65	VTA	0-16 barg	Barg	FIELD-ESD	AH-IS-R	4-20 mA		
435	Instrument & Plant Air System	PSV-2201	Pressure Safety Valve	ISA-112-0009-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	18.2	8	85	65	-	-	-	-	-	-	-	
436	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	8	85	65	0-16 barg	-	Barg	-	-	-	-	
437	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	8	85	65	1000mm C-C LENGTH	-	mm	-	-	-	-	
438	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	18.2	8	85	60	0-16 barg	-	Barg	-	-	-	-	
439	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	18.2	8	85	60	-	-	-	-	-	-	-	
440	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	18.2	8	85	60	0-16 barg	-	Barg	-	-	-	-	
441	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	1000mm C-C LENGTH	-	mm	-	-	-	-	
442	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	18.2	8	85	60	VTA	0-16 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
443	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	18.2	8	85	60	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA		
444	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	18.2	8	85	60	0-250 mbarg	0-250 mbarg	barg	FIELD-DCS	AH-IS-R	4-20 mA		
445	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	18.2	8	85	60	-	-	-	-	-	-	-	
446	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	18.2	8	85	60	0-100 °C	-	°C	FIELD-DCS	AH-IS-R	4-20 mA	Note 2	
447	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	18.2	8	85	60	VTA	0-16 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
448	Nitrogen Generation System	PIT-2111	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	18.2	8	85	60	VTA	0-15 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		

 NISOC				نگهداشت 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	شماره صفحه: ۱۸ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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.	LOCIAON LAYOUT DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)								
449	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/6	0.5	85	AMB	0-100 °C	-	°C	-	-	-	Note 2	
450	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/6	0.5	85	AMB	0-1 barg	-	Barg	-	-	-		
451	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/6	0.5	85	AMB	1650mm C-C LENGTH	-	mm	-	-	-		
452	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/6	0.5	85	AMB	1650mm C-C LENGTH	-	mm	-	-	-		
453	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/6	0.5	85	AMB	2400	-	mm	FIELD-DCS	AH-S-R	4-20 mA		
454	Close Drain System	PIT-2222A	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0030-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	18.2	0.8	85	AMB	VTA	0-1.6 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA		
455	Close Drain System	PIT-2222B	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0031-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	18.2	0.8	85	AMB	VTA	0-1.6 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA		
456	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	18.2	7	85	AMB	0-16 barg	-	Barg	-	-	-		
457	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	18.2	7	85	AMB	0-16 barg	-	Barg	-	-	-		
458	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	18.2	0.8	85	50	0-1.6 barg	-	Barg	-	-	-		
459	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	18.2	0.8	85	50	0-1.6 barg	-	Barg	-	-	-		
460	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	ATM	ATM	AMB	AMB	VTA	-	-	FIELD-DCS	AH-S-R	4-20 mA		
461	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/6	0.5	85	32	356mm	-	mm	FIELD-ESD	AH-S-R	4-20 mA		
462	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/6	0.5	85	32	356mm	-	mm	FIELD-ESD	AH-S-R	4-20 mA		
463	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/6	0.5	85	32	356mm	-	mm	FIELD-ESD	AH-S-R	4-20 mA		
464	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/6	0.5	85	32	356mm	-	mm	FIELD-ESD	AH-S-R	4-20 mA		
465	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/6	0.5	85	32	0-100 °C	-	°C	-	-	-	Note 2	
466	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/6	0.5	85	32	0-1 barg	-	Barg	-	-	-		
467	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/6	0.5	85	32	950mm C-C LENGTH	-	mm	-	-	-		
468	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/6	0.5	85	32	800	-	mm	FIELD-DCS	AH-S-R	4-20 mA		
469	LP Flare System	PIT-2252	Pressure Indicating Transmitter (Diaphragm)	FL-112-0004-AN07-12"-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	18.2	0.5	85	32	VTA	0-1 barg	Barg	-	-	-		
470	LP Flare System	PIT-2251A	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	18.2	0.6	85	32	VTA	0-1.2 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA		
471	LP Flare System	PIT-2251B	Pressure Indicating Transmitter (Diaphragm)	CDH-112-0035-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	18.2	0.6	85	32	VTA	0-1.2 barg	Barg	FIELD-ESD	AH-S-R	4-20 mA		
472	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	18.2	1.6	85	32	0-4 barg	-	Barg	-	-	-		
473	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	18.2	1.6	85	32	0-4 barg	-	Barg	-	-	-		
474	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	ATM	ATM	AMB	AMB	VTA	-	-	FIELD-DCS	AH-S-NR	4-20 mA		
475	Fuel Gas System	PG-2271	Pressure Gauge (Bourdon)	FLG-112-0110-AN07-4"-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/18.2	4.9	85	36.7	0-10 barg	-	Barg	-	-	-		
476	Fuel Gas System	TG-2271	Temperature Gauge (Bimetal)	FLG-112-0110-AN07-4"-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/18.2	4.9	85	36.7	0-100 °C	-	°C	-	-	-	Note 2	
477	Fuel Gas System	CP-2271	Corrosion Probe (LPR probes)	FLG-112-0110-AN07-4"-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/18.2	4.9	85	36.7	-	-	mm	-	-	-		
478	Fuel Gas System	CC-2271	Corrosion Coupon (Strip Ladder)	FLG-112-0110-AN07-4"-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/18.2	4.9	85	36.7	-	-	mm	-	-	-		
479	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-PY-0003	F.V/18.2	4.9	85	36.7	0-40 Lit/hr (VTC)	-	Lit/hr	-	-	-		
480	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/18.2	4.9	85	36.7	0-10 barg	-	Barg	-	-	-		

 NISOC				نگهداشت 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	شماره صفحه: ۱۹ از ۲۰															
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03																
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.	LOCATIO N DWG NO.	DESIGN (BARG)	OPER. (BARG)	DESIGN (°C)	OPER. (°C)												
481	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/18.2	5.1	85	36.9	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC						
482	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/18.2	5.1	85	36.9	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC						
483	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/18.2	5.1	85	36.9	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-					
484	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/18.2	5.1	85	36.9	-	-	-	-	-	-	-					
485	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/18.2	4.9	85	36.7	VTA	0-9 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA						
486	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/18.2	5.1	85	36.9	-	-	-	DCS-FIELD	AO-IS-R	4-20 mA						
487	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/18.2	5.1	85	36.9	0-10 barg	-	Barg	-	-	-	-					
488	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	0-0.5barg	-	Bar	-	-	-	-					
489	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	1219mm	-	mm	FIELD-ESD	AH-IS-R	4-20 mA						
490	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	1300mm C-C LENGTH	-	mm	-	-	-	-					
491	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	813mm		mm	FIELD-DCS	AH-IS-R	4-20 mA						
492	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	-	-	-	-					
493	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/18.2	4.9	85	36.7	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-					
494	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/18.2	4.9	85	36.7	-	-	-	FIELD-DCS	DI-NIS-NR	24 VDC	-					
495	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/18.2	4.9	85	36.7	-	-	-	DCS-FIELD	DO-NIS-NR	24 VDC						
496	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/18.2	4.9	85	36.7	-	-	-	ESD-FIELD	DO-NIS-R	24VDC LOOP POWER	-					
497	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/18.2	4.9	85	36.7	-	-	-	-	-	-	-					
498	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	13.9	0.5	85	AMB	0-0.05 Lit/hr (VTC)	-	Lit/hr	-	-	-	-					
499	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/18.2	4.9	85	33.6	VTA	0-9 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA						
500	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/18.2	4.9	85	33.6	VTA	0-100 °C	°C	FIELD-DCS	AH-IS-R	4-20 mA	Note 2					
501	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/18.2	4.9	85	33.6	-	-	-	-	-	-	-					
502	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/18.2	4.9	85	33.6	0-250 mbarg	0-250 mbarg	barg	FIELD-DCS	AH-IS-R	4-20 mA						
503	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/18.2	4.9	85	33.6	-	-	-	-	-	-	-					
	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	-	-	-	-					
504	Fire Water Diesel Oil Drum	LIT-2281 with LI-2281 field mounted remote indicator by vendor	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	2200	-	mm	FIELD-DCS	AH-IS-NR	4-20 mA						
505	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	2500mm C-C LENGTH	-	mm	-	-	-	-					
506	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	18.2	0.95	85	50	0-1.6 barg	-	Barg	-	-	-	-					
507	Fire Water Diesel Oil Drum	PG-2283	Pressure Gauge (Bourdon)	Suction 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	18.2	0.11	85	50	0-0.25 barg VTA	-	Barg	-	-	-	-					
508	Fire Water Diesel Oil Drum	TSV-2281	Temperature Safety Valve	DO-112-0005A-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	18.2	ATM	85	AMB	-	-	-	-	-	-	-					
509	Potable Water System	LIT-2291 with LI-2291 field mounted remote indicator by vendor	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	2500	-	mm	FIELD-DCS	AH-IS-NR	4-20 mA						
510	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-PY-0003	18.2	1.95	85	AMB	0-4 barg	-	Barg	-	-	-	-					
511	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	18.2	0.15	85	AMB	0-0.25 barg VTA	-	Barg	-	-	-	-					

 NISOC				نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک																			
				INSTRUMENT INDEX																			
شماره پیمان:				پروژه	بسته کاری	مسترکنده	تجهیزات	رشته	نوع مدرک	سویل	نسخه	شماره صفحه: ۲۰ از ۲۰											
053 - 073 – 9184				BK	GCS	PEDCO	120	IN	LI	0001	D03												
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)								
512	Glycol Sump Drum	PRV-2291	Pressure Regulator Valve	NIT-111-0009-AN04-1"-PT	BK-GCS-PEDCO-120-PR-PI-0025	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	8	85	60	VTA	-	-	-	-	-		
513	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	18.2	0.5	85	AMB	0-1 barg	-	Barg	-	-	-		
514	Glycol Sump Drum	PRV-2292	Pressure Regulator Valve	NIT-111-0010-AN07-1"-PT	BK-GCS-PEDCO-120-PR-PI-0025	GAS	LOCAL	BK-GCS-PEDCO-120-IN-DT-0011	BK-GCS-PEDCO-120-IN-DG-0002	-	BK-GCS-PEDCO-120-IN-PY-0003	18.2	0.1	85	AMB	VTA	-	-	-	-	-		
515	Glycol Sump Drum	PSV-2293	Pressure Safety 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	18.2	0.1	85	AMB	-	-	-	-	-	-		
516	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	18.2	2.1	85	AMB	0-4 barg	-	Barg	-	-	-		
517	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	3.5	0.1	85	AMB	VTA	0-0.2 barg	Barg	FIELD-DCS	AH-IS-R	4-20 mA		
518	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	3.5	0.1	85	AMB	1000	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		
519	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	3.5	0.1	85	AMB	0-0.25 barg VTA	-	Barg	-	-	-		
520	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	-	-	-		
521	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		
522	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	-	
523	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	-	-						
524	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	9500 mm/VTA	-	mm	-	-	-		
525	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	11000	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		
526	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	ATM	ATM	85	5-55	-	-	-	F&G	DI-NIS-R	24 VDC		
527	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	9500 mm/VTA	-	mm	-	-	-		
528	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	11000	-	mm	FIELD-DCS	AH-IS-R	4-20 mA		
529	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-PY-0003	ATM	ATM	85	5-55	-	-	-	F&G	DI-NIS-R	24 VDC		
530	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	16.5	11	85	5-55	VTA	0-22 barg	-	F&G	DI-NIS-R	24 VDC		
531	Fire Water System	PG-2303A	Pressure Gauge (Bourdon)	FWA-113-0027-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	-	-	-		
532	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	-	-	-		
533	Fire Water System	PG-2303B	Pressure Gauge (Bourdon)	FWA-113-0026-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	-	-	-		
534	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	-	-	-		
535	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	-						
536	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	-						
537	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	-	-	-		
538	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	-	-	-		
539	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	-	-	-		
540	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	-	-	-		