

DOCUMENT TITLE:

INSTRUMENT EARTHING TYPICAL
DIAGRAM

NOTES					
FOR GENERAL NOTES REFER TO SHEET NUMBER 3.					
LEGEND					
I.S.:	Intrinsically Safe				
N.I.S.:	Non Intrinsically Safe				
I/BOX:	Junction Box				
DIA.:	Diameter				
ELECT.:	Electrical				
REF.:	Reference				
SWA:	Steel Wire Armored				
INSTR.:	Instruments				
MIN:	Minimum				
REFERENCE DRAWING			DRG. No.		
Specification For Instrumentation			BK-GNRAI-PEDCO-000-IN-SP-0001		
Specification For Control System			BK-GNRAI-PEDCO-000-IN-SP-0002		
Specification For Instrument and Control of Package Unit System (PIU)			BK-GNRAI-PEDCO-000-IN-SP-0004		
Specification For Earthing & Lightning System			BK-GNRAI-PEDCO-000-EL-SP-0000		
Engineering Standard For Electrical System Design (Industrial And Non-Industrial)			IPS-E-EL-100		
Engineering Standard For Transmission Systems			IPS-E-IN-190		
Engineering And Installation Standard For Control Centers			IPS-G-IN-220		
Overall Earthing Layout			BK-GCS-PEDCO-120-EL-PY-0001		
Electrical System Design Criteria			BK-GNRAI-PEDCO-000-EL-DC-0001		
Specification For Earthing & Lightning System			BK-GNRAI-PEDCO-000-EL-SP-0006		
Calculation Note For Earthing & Lightning System			BK-GCS-PEDCO-120-EL-CN-0006		
KEY PLAN					
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED	REV. APPR.		
اصل و کاپیه نسخ این نقشه و حق انحصاری متعلق به شرکت ملی مناطق نفت خیز جنوب میباشند.					
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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION			BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET
D-53-073-9184	F	2	J	706944	4
					REVISION
					DOS

[illegible]

REVISION								REVISION							
SHEET NO.	D00	D01	D02	D03	D04	D05	D06	SHEET NO.	D00	D01	D02	D03	D04	D05	D06
1	X	X	X	X				41							
2	X	X	X	X				42							
3		X	X	X				43							
4		X	X	X				44							
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NOTES
FOR GENERAL NOTES REFER TO SHEET NUMBER 3.

LEGEND	
IS:	Intrinsically Safe
N.I.S.:	Non Intrinsically Safe
J/BOX:	Junction Box
DIA:	Diameter
ELECT:	Electrical
REF:	Reference
SWA:	Steel Wire Armor
INST:	Instruments
MIN:	Minimum

REFERENCE DRAWING	DRG. No.
Specification For Instrumentation	BK-GHRAI-PEDCO-000-IN-SP-0001
Specification For Control System	BK-GHRAI-PEDCO-000-IN-SP-0002
Specification For Instrument and Control of Package Unit System (PI)	BK-GHRAI-PEDCO-000-IN-SP-0004
Specification For Earthing & Lightning System	BK-GHRAI-PEDCO-000-EL-SP-0006
Engineering Standard For Electrical System Design (Industrial And Non-Industrial)	IPS-E-EL-100
Engineering Standard For Transmission Systems	IPS-E-IN-100
Engineering And Installation Standard For Control Centers	IPS-G-IN-220
Overall Earthing Layout	BK-GCS-PEDCO-120-EL-PY-0001
Electrical System Design Criteria	BK-GHRAI-PEDCO-000-EL-DC-0001
Specification For Earthing & Lightning System	BK-GHRAI-PEDCO-000-EL-SP-0006
Calculation Note For Earthing & Lightning System	BK-GCS-PEDCO-120-EL-CN-0006

KEY PLAN					

D03	JUN.2023	FI	P.HARSAADIGHI	M.FAKHARIAN	A.M.MOHSENI	00.00														
D02	JUL.2022	IFI	P.HARSAADIGHI	M.FAKHARIAN	M.MEHRSHAD	00.00	000	*****	00.00	000.0000	00.00	000.0000								
D01	APR.2021	IFI	P.HARSAADIGHI	M.FAKHARIAN	M.MEHRSHAD	00.00	REV.	DESCRIPTION	BY	DATE	BY	DATE								
D00	DEC.2021	IFI	P.HARSAADIGHI	M.FAKHARIAN	M.MEHRSHAD	00.00			CHECKED		REV. APPR.									
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کاپیه نسخ این نقشه و حق انقباض متعلق به شرکت ملی مناطق نفت غیر جنوب میباشد.													
PROJECT NAME:			BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION				 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS													
PROJECT NO.:			971020																	
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION													
 HURGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY													DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED													
INSTRUMENT EARTHING TYPICAL DIAGRAM							APPROVED FOR CONSTRUCTION									BY:	DATE:			
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION							
NS	A3	BK-GCS-PEDCO-120-IN-DG-0001			2 OF 4	D03	0-53-073-9184	F	2	J	708944	4	D03							

(VENDOR TITLE BLOCK)**

