



V-2107 V-2201

PROJECT NO.:

TAG NO.	EQUIPMENT LIST
AE-2101 A/B/C	1ST STAGE GAS AIR COOLER
AE-2102 A/B/C	2ND STAGE GAS AIR COOLER
C-2101 A/B/C	1ST STAGE GAS COMPRESSORS
C-2102 A/B/C	2ND STAGE GAS COMPRESSORS
FST-2201	LP FLARE STACK
IG-2201	LP FLARE IGNITION PACKAGE
P-2101 A/B	SLUG PUMPS
P-2102	GLYCOL MANUAL PUMP
P-2103 A/B	GLYCOL TRANSFER PUMPS
P-2104	GLYCOL DRAIN PUMP
DELETED	DELETED
P-2201 A/B	FLARE K.O. DRUM PUMPS
P-2202 A/B	CLOSED DRAIN PUMPS
P-2203 A/B	SUMP PUMPS
P-2206	FUEL OIL PUMP
P-2206B	DIESEL GENERATOR DIESEL PUMP
P-2209	POTABLE WATER PUMP
P-2301 A	FIRE WATER PUMP - ELECTRICAL MOTOR DRIVEN
P-2301 B	FIRE WATER PUMP - DIESEL ENGINE DRIVEN
P-2302 A/B	FIRE WATER JOCKEY PUMPS
PK-2101	GAS DEHYDRATION PACKAGE
PK-C-2203 A/B	AIR COMPRESSOR PACKAGES
PK-DR-2203A/B	AIR DRYER PACKAGE
PK-C-2204	NITROGEN COMPRESSOR PACKAGE
PK-G-2204	NITROGEN GENERATION PACKAGE
PK-2206	DIESEL GENERATOR PACKAGE
PK-2207	CORROSION INHIBITOR INJECTION PACKAGE
PL-3201	PIG LAUNCHER
PR-2102	GOLKHARI-3 PIG RECEIVER (BY OTHERS)
SU-2201	CLOSED DRAIN AND FLARE DRUM SUMP
SU-2202	OILY WATER SUMP
TK-2102	LEAN GLYCOL STORAGE TANK
TK-2209	POTABLE WATER TANK
TK-2301 A/B	FIRE WATER STORAGE TANKS
V-2101 A/B/C	1ST STAGE GAS SUCTION DRUM
V-2102 A/B/C	2ND STAGE GAS SUCTION DRUM
V-2103	2ND STAGE GAS DISCHARGE DRUM
V-2104	SLUG CATCHER DRUM
V-2105	INLET KNOCK OUT DRUM
V-2107	GLYCOL SUMP DRUM
V-2201	FLARE K.O. DRUM
V-2202	CLOSED DRAIN DRUM
V-2203	INSTRUMENT AIR RECEIVER

1. FIRE PROOFING SHALL BE APPLIED ON PIPE RACK AND STRUCTURE SUPPORTS UP TO 9.1m HEIGHT FROM GROUND LEVEL.

2. FIREPROOFING DETAILS SHOULD COMPLETELY COMPLY WITH IPS-C-CC-200 AND IPS-E-CCE-2PEP RACKS) SUPPORT BOUIPMENT FROM THE PROOFING SUPPORT BOUIPMENT FROM THE PROOFING SHOULD BE CONSIDERED FOR SHALE THE PREPROPER OF THE PROOFING SHOULD BE CONSIDERED FOR CALLE THE HEIGHBST LEVEL AT WHICH THE FQUIPMENT IS SUPPORTED.

4. WHEN A PIPE RACK IS WITHIN FIRE SCENARIO ENVELOPE, PIREPROOFING SHOULD BE CONSIDERED FOR VERTICAL AND HORIZONTAL SUPPORTS. UP TO AND INCLUDING FIRST LEVEL, ESPECIALLY IF THE SUPPORTS PIPER CONTINS FLAMMEDE FOR VERTICAL AND HORIZONTAL SUPPORTS IP PIPER CONTINS FLAMMEDE MATERIALS OF FOXER THAN 6 IN. AT LEVELS ABOVE THE FIRST HORIZONTAL BRAM, OR IP LARGE HYDROCARBON PUMPS ARE INSTALLED BENEARTH THE PIPE RACK, PIREPROOFING SHOULD BE CONSIDERED UP TO AND INCLUDING THE LEVEL THAT IS NEAREST TO A 9 ME LEVATION.

5. THE FIRE PROOFING ZONE (PPZ) IS HORIZONTALLY 9.1 M OF ANY PIRE POTSITUAL EQUIPMENT (PPE) OR VERTICALLY 9.1 M ADOVE THE EQUIPMENT WHICH ARE THE SOURCE OF POOL FIRE.

6. HATCHED AREA DENOTES: EQUIPMENT WHICH COULD BE THE CAUSE OF FIRE

NOTES

	LEGEND
SYMBOL	DESCRIPTION
	FIRE POTENTIAL EQUIPMENT
	FIRE PROOFING ENVELOPE

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR PASSIVE FIRE PROTECTION	BK-GNRAL-PEDCO-000-SA-SP-0007
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

D05	AGU.2024	IFA	R.YAZDANI	M.FAKHARIAN	M.SADEGHIAN	**.**	***	*******	**,**	***,****	**,**	***.***
D01	JAN.2023	IFA	A.H.SABER	M.FAKHARIAN	M.MEHRSHAD	**,**	REV.	DESCRIPTION	BY	DATE	BY	DATE
D00	MAY.2022	IFC	A.H.SABER	M.FAKHARIAN	M.MEHRSHAD	**,**	REV.	DESCRIPTION	CHE	CKED	REV.	APPR.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.		طق نفت خيز جنوب ميباشد.	، شرکت ملی منا	, اقتباس متعلق ب	م این نقشه و حق	اصل و کلیه نسخ
PROJECT	NAME:	BINAK OILFIELD I	EVELOPMENT/ COMPRESSOR		ILITIES		4	THE ORIGINAL AND				

THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOCETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

EPC CONTRACTOR:  HIRGAN ENERGY HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			EPC/EPD CONTRA	ACTOR:(GC)  PETROIRAN  DEVELOPMENT		BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION								
		PEDCO	COMPANY	OMPANY		DATE SCALE		DRAWING BY		CHECKED	BY PR	PROJECT I	ENG.	
DRAWING	TITLE:	FIRE PROOF	ING ZONE LAYOU	JT		NO CO	ONSTRUCTI			D UNLE	SS DRWING	APP		_
SCALE SIZE DRAWING NO.			SHEET NO.	REV.	BUDGET REF.		_	CLASS		AL NO.	SHE		SION	
****	A3	BK-GCS-PEDCO-	1 OF 1	D02	053-073-9184	F	2	L	70	8999	1 OF	1 DO:	2	

REA LIMIT Y=833.000			
TRANSMISSION PIPELINE ROUTE FROM B.C.S TO S.R.F (S:8" - L:44.6 Km)	Name of Street, Street		
	11-700-24 (2) 1-1-1-1	/ \	
TO GENAVEH-D	EYLAM MAIN ROAD  DETAIL A		XGILITES
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7-400000 1-4000000			
COLD STACK			
1-566,000 T-566,000			
300.00			
1-200.000 1-200.000			
HP FLARE STACK	- 4.50-50-	18 F   x   19    1	
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LP FLARE STACK NEW FLARE AREA		0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	130
MATERIAL STATES			OMPRESSION F (B.P.U.C.F.)
\text{Todas99.} \text{Polices} \text{DETAIL C}			ACILLITA
			' ¾ NHT
Y 263.000		1m642,000 1m642,000	X-741.000 Y-2019.500