



TAG NO.	EQUIPMENT LIST
A-2101 A/B/C	1ST STAGE GAS AIR COOLER
A-2102 A/B/C	2ND STAGE GAS AIR COOLER
C-201 A/B/C	1ST STAGE GAS COMPRESSORS
C-2102 A/B/C	2ND STAGE GAS COMPRESSORS
FS1-2201	LP FLARE STACK
IG-2201	LP FLARE IGNITION PACKAGE
P-2101 A/B	SILG PUMPS
P-2102	GLYCOL CIRCULATION 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 DRUM PUMPS
P-2203 A/B	SUMP PUMPS
P-2206	FUEL OIL PUMP
P-2206B	DIESEL GENERATOR DIESEL PUMP
P-2209	POTABLE WATER PUMP
P-2210	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 DEHIDRATATION PACKAGE
PK-2202 A/B	AIR COMPRESSOR PACKAGES
PK-2202B A/B	AIR DRYER PACKAGE
PK-C-2204	NITROGEN COMPRESSOR PACKAGE
PK-G-2204	NITROGEN GENERATION PACKAGE
PK-2206	DIESEL GENERATOR PACKAGE
PR-2102	CORROSION INHIBITOR INJECTION PACKAGE
PL-3201	PIG LAUNCHER
PR-2102	GOLKUHAR-3 PIG RECEIVER (BY OTHERS)
SU-2201	CLOSED DRAIN AND FLARE DRUM SUMP
SU-2202	WATER SUMP
SU-2203	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 STORAGE DRUM
V-2102 A/B/C	2ND STAGE GAS SUCCTION DRUM
V-2103	2ND STAGE GAS DISCHARGE DRUM
V-2104	SILG CATCHER DRUM
V-2105	INLET KATCHER OUT DRUM
V-2107	GLYCOL SUMP DRUM
V-2201	FLARE K.O. DRUM
V-2202	CLOSED DRAIN DRUM
V-2203	INSTRUMENT AIR RECEIVER
V-2204	NITROGEN RECEIVER
V-2205	FUEL GAS K.O. DRUM
V-2206	FUEL OIL STORAGE DRUM
X-2210	NEW SEPTIC PACKAGE

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  
IPF-C-CE-260 AND IPF-B-CE-260.
3. PIPE STRUCTURE (PIPE RACKS) SUPPORT EQUIPMENT THAT HAS THE POTENTIAL TO ADD FUEL OR ESCALATE THE FIRE. FIREPROOFING SHOULD BE CONSIDERED FOR THE VERTICAL AND HORIZONTAL STEEL SUPPORT MEMBERS FROM GRADE UP TO THE LEVEL AT WHICH THE EQUIPMENT IS LOADED.
4. WHEN A PIPE RACK IS WITHIN FIRE SCENARIO ENVELOPE, FIREPROOFING SHOULD BE CONSIDERED FOR VERTICAL AND HORIZONTAL SUPPORTS, UP TO AND INCLUDING FIRST LEVEL, ESPECIALLY IF THE EQUIPMENT BEING SUPPORTED IS LIQUID OR GASEOUS. ALL STEEL MATERIALS IF PIPE RACK CARRIES PIPING WITH DIAMETER GREATER THAN 6 IN. AT LEVELS ABOVE THE FIRST HORIZONTAL BEAM, OR IF LARGE HYDROCARBON PUMPS ARE INSTALLED BENEATH THE PIPE RACK, FIREPROOFING SHOULD BE CONSIDERED UP TO AND INCLUDING THE LEVEL THAT IS NEAREST TO A 9 M ELEVATION.
5. THE FIRE PROOFING ZONE (FPZ) IS HORIZONTALLY 9.1 M OF ANY FIRE POTENTIAL EQUIPMENT (FPE) OR VERTICALLY 9.1 M ABOVE THE EQUIPMENT WHICH ARE THE SOURCE OF POOL FIRE.
6. HATCHWAY AREA DENOTES : EQUIPMENT WHICH COULD BE THE CAUSE OF FIRE.



SYMBOL	DESCRIPTION
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 FIRE POTENTIAL EQUIPMENT FIRE PROOFING ENVELOPE



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

[illegible]

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.



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EPC CONTRACTOR:			EPC/EPD CONTRACTOR.(GC)			BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION									
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			DATE		SCALE		DRAWING BY		CHECKED BY		PROJECT ENG	
DRAWING TITLE:						NO CONSTRUCTION PERMITTED UNLESS DRWING APPROVED									
FIRE PROOFING ZONE LAYOUT						APPROVED FOR CONSTRUCTION						BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION		
***	A3	BK-GCS-PEDCO-120-SA-PY-0003			1 OF 1	D04	053-073-9164	F	2	L	708999	1 OF 1	D04		