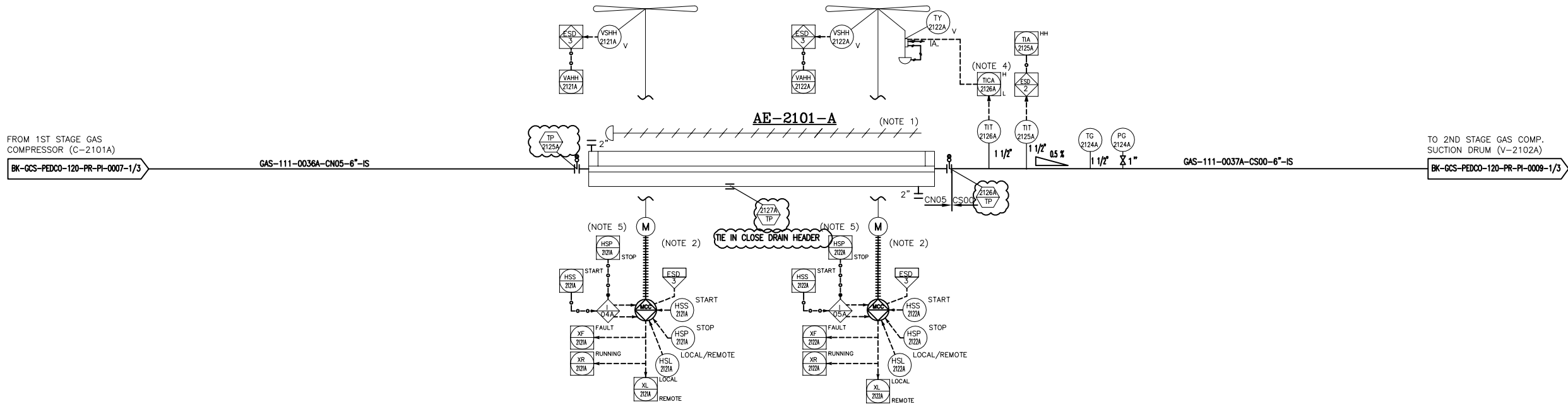


AE-2101A
1ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #A
DESIGN DUTY : 365 kW
DESIGN PRESS. : 22 barg
DESIGN TEMP. : 155 °C
TRIM LINE : TRM-AE-2101-0510-CS00-NP
TRIM LINE : TRM-AE-2101-0508-CN05-PT



- NOTES
- 1- MANUAL LOUVER CONTROL.
 - 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
 - 3- DELETED.
 - 4- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.
 - 5- TO BE PROVIDED BY COOLER VENDOR.
 - 6- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.
 - 7- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER..

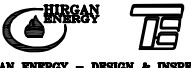
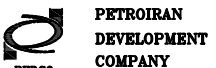
LEGEND

V: BY COOLER VENDOR

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GCS-PEDCO-120-PR-PF-0001
Symbol & Legend For PFD and P&ID	BK-GCS-PEDCO-120-PR-PI-0001

KEY PLAN

D08	MAR.2024	APC	M.ARYAPAR	M.PAKHSHAN	M.PAKHSHAN	00.00
D07	SEP.2023	APC	M.ARYAPAR	M.PAKHSHAN	A.M.MOHESEN	00.00
D06	APR.2022	APC	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D05	DEC.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D04	AUG.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D03	JUN.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D02	MAR.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D01	JAN.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D00	SEP.2021	IPC	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME:	BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION
PROJECT NO.:	971020
EPC CONTRACTOR:	EPD/EPC CONTRACTOR (GC):
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES	 PETROIRAN DEVELOPMENT COMPANY

 THE ORIGINAL, AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS									
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	REVISION			
053-073-9184	F	2	A	708786	1 OF 3	D08			

COOLER TRAIN #B
DESIGN DUTY : (365 kW)
DESIGN PRESS. : 22 barg
DESIGN TEMP. : (155) °C
TRIM LINE : TRM-AE-2101-0510-CS00-NP
TRIM LINE : TRM-AE-2101-0508-CN05-PT

DESIGN DUTY : 365 kW

DESIGN PRESS. : 22 barg
DESIGN TEMP. : 155 °C

M LINE : TRM-AE-2101-0510-C

TRIM LINE : TRM-AE-2101-0508-CN05-PT

- 1- MANUAL LOUVER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- DELETED.
- 4- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.
- 5- TO BE PROVIDED BY COOLER VENDOR.
- 6- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.
- 7- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER.

V: BY COOLER VENDOR

000	0000000000	00.00	000.0000	00.00	000.0000
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
امل و کليه نسخ اين نقشه و حق اقبالي متعلق به شرکت ملی مناطق نفت خيز جنوب مي باشد					

**BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION**

DRAWING TITLE:				
P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS				
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
NS	A3	BK-GCS-PEDCO-120-PR-PI-0008	2 OF 3	D08

(VENDOR TITLE BLOCK)**



**HIRGAN ENERGY - DESIGN & INSPECTION
COMPANIES**


**PETROIRAN
DEVELOPMENT
COMPANY**

BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG
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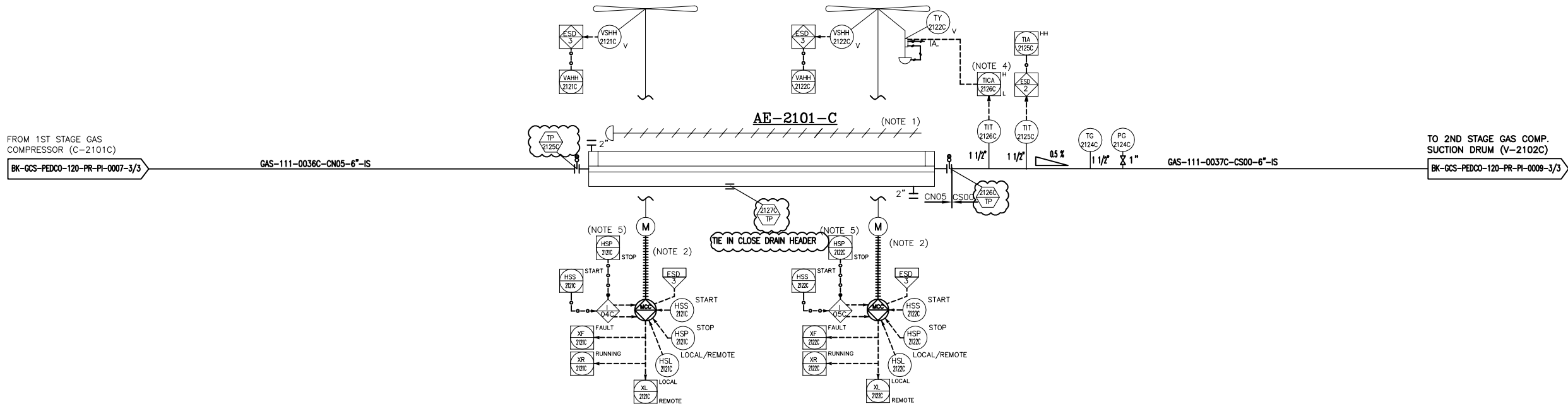
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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3-073-9184	F	2	A	708786	2 OF 3	DOB
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AE-2101C
1ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #C
DESIGN DUTY : (365 KW)
DESIGN PRESS. : 22 barg
DESIGN TEMP. : (155) °C
TRIM LINE : TRM-AE-2101-0510-CS00-NP
TRIM LINE : TRM-AE-2101-0508-CN05-PT



- NOTES
- 1- MANUAL LOUVER CONTROL.
 - 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
 - 3- DELETED.
 - 4- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.
 - 5- TO BE PROVIDED BY COOLER VENDOR.
 - 6- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.
 - 7- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER.

LEGEND

V: BY COOLER VENDOR

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GCS-PEDCO-120-PR-PF-0001
Symbol & Legend For PFD and P&ID	BK-GCS-PEDCO-120-PR-PI-0001

KEY PLAN

D08	MAR.2024	APC	M.ARYAPAR	M.PAKHSHAN	B.PANAMARPOUR	00.00
D07	SEP.2023	APC	M.ARYAPAR	M.PAKHSHAN	A.M.MOHESEN	00.00
D06	APR.2022	APC	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D05	DEC.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D04	AUG.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D03	JUN.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D02	MAR.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D01	JAN.2022	IPA	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
D00	SEP.2021	IPC	M.ARYAPAR	M.PAKHSHAN	M.MOHESEN	00.00
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY & DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

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:		
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION
NS	AS	BK-GCS-PEDCO-120-PR-PI-0008	3 OF 3	D08	053-073-0184	F

(VENDOR TITLE BLOCK)**