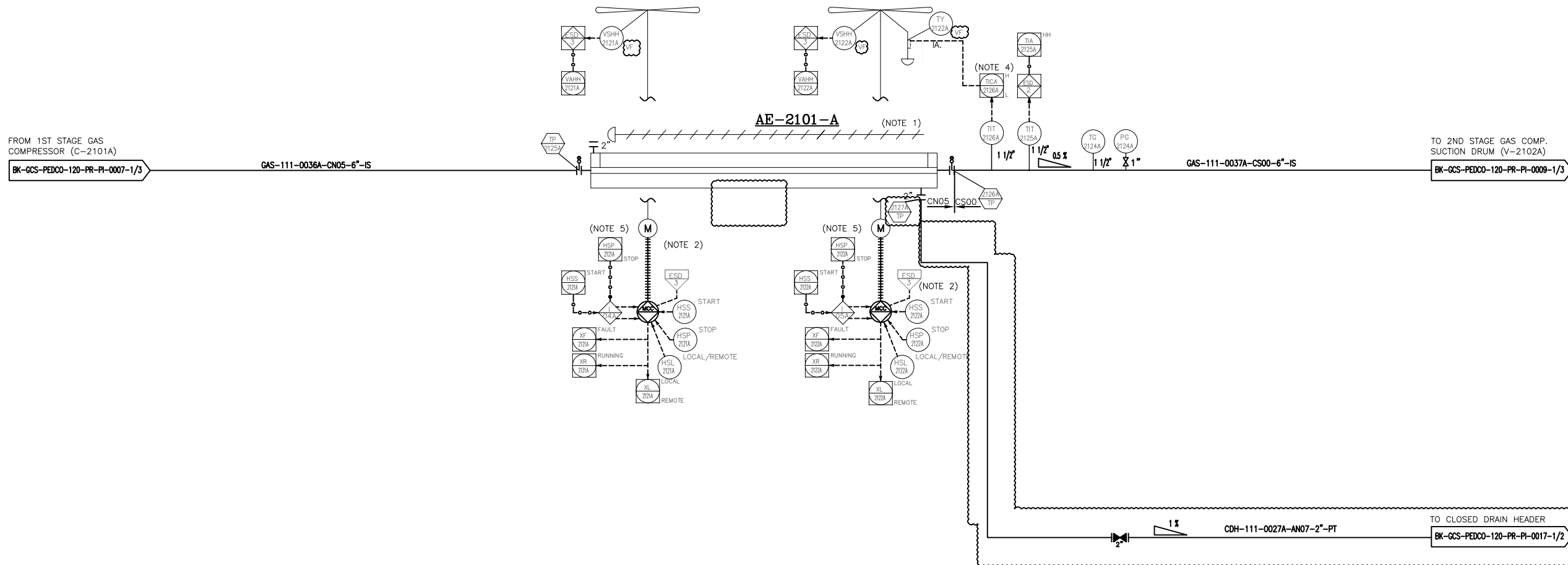


AE-2101A
1ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #A
DESIGN DUTY : 391.3 kw
DESIGN PRESS. : 22 barg
DESIGN TEMP. : 155 °C
TRIM LINE : TRM-AE-2101-0510-CS00-NP
TRIM LINE : TRM-AE-2101-0508-CN05-PT



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 AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

VF 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

D09	AUG.2024	APC	M.ARTAPAR	M.PAKHAKHAN	M.SADIGHAN	00.00
D08	MAR.2024	APC	M.ARTAPAR	M.PAKHAKHAN	EPARAMAZPOUR	00.00
D07	SEP.2023	APC	M.ARTAPAR	M.PAKHAKHAN	A.M.MOHRSEBI	00.00
D06	APR.2023	APC	M.ARTAPAR	M.PAKHAKHAN	M.MOHRSEBIAD	00.00
D05	DEC.2022	IFA	M.ARTAPAR	M.PAKHAKHAN	M.MOHRSEBIAD	00.00
D04	AUG.2022	IFA	M.ARTAPAR	M.PAKHAKHAN	M.MOHRSEBIAD	00.00
D03	JUN.2022	IFA	M.ARTAPAR	M.PAKHAKHAN	M.MOHRSEBIAD	00.00
D02	MAR.2022	IFA	M.ARTAPAR	M.PAKHAKHAN	M.MOHRSEBIAD	00.00
D01	JAN.2022	IFA	M.ARTAPAR	M.PAKHAKHAN	M.MOHRSEBIAD	00.00
D00	SEP.2021	IPC	M.ARTAPAR	M.PAKHAKHAN	M.MOHRSEBIAD	00.00

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
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PROJECT NAME:	BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION
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PROJECT NO.:	971020
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EPC CONTRACTOR:   HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES	EPC/EPC CONTRACTOR (GC):  PETROIRAN DEVELOPMENT COMPANY PEDCO
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DRAWING TITLE:	
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P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS

DATE	NAME	ADDRESS	CITY	STATE	ZIP
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.

NS	A3	BK-GCS-PEDCO-120-PR-PI-0008	1 OF 3	D08
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REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	

اصل و کلیه نسخ این نقشه و حتی اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.

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N.I.S.O.C./ FIELDS

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

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED				
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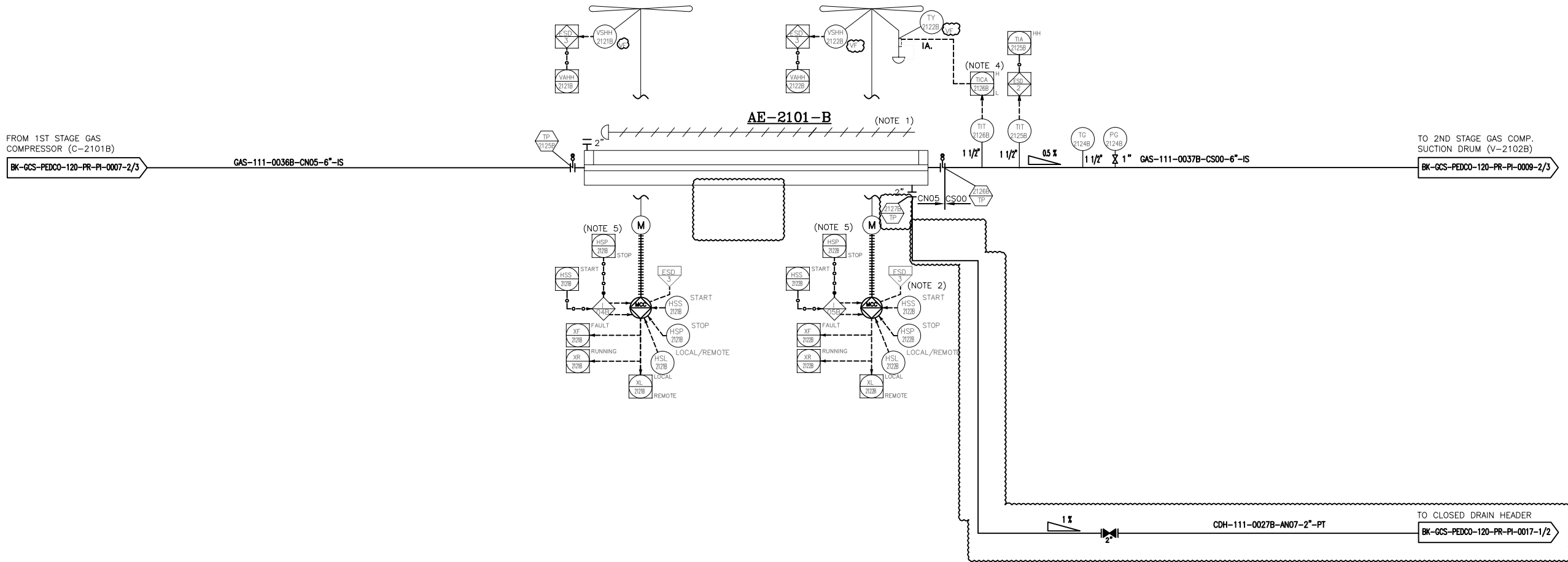
APPROVED FOR CONSTRUCTION	BY.	DATE.
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APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET FUND	LOCATION	TYPE	CLASS	SERIAL NO.	STATUS	REMARKS

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

063-073-9184	F	2	A	706786	1 OF 3	D09
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AE-2101B
1ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #B
DESIGN DUTY : (391.3) 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 AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

VP 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

D09	AUG.2024	APC	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAN	00.00
D08	MAR.2024	APC	M.ARTAPAR	M.PAKKHANIAN	S.PARMAKPOOR	00.00
D07	SEP.2023	APC	M.ARTAPAR	M.PAKKHANIAN	A.M.MOHRSENI	00.00
D06	APR.2023	APC	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAD	00.00
D05	DEC.2022	IFA	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAD	00.00
D04	AUG.2022	IFA	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAD	00.00
D03	JUN.2022	IFA	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAD	00.00
D02	MAR.2022	IFA	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAD	00.00
D01	JAN.2022	IFA	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAD	00.00
D00	SEP.2021	IPC	M.ARTAPAR	M.PAKKHANIAN	M.MOHRSHAD	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):
 HURGAN ENERGY - DESIGN & INSPECTION COMPANIES	 PETROIRAN DEVELOPMENT COMPANY

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	D09

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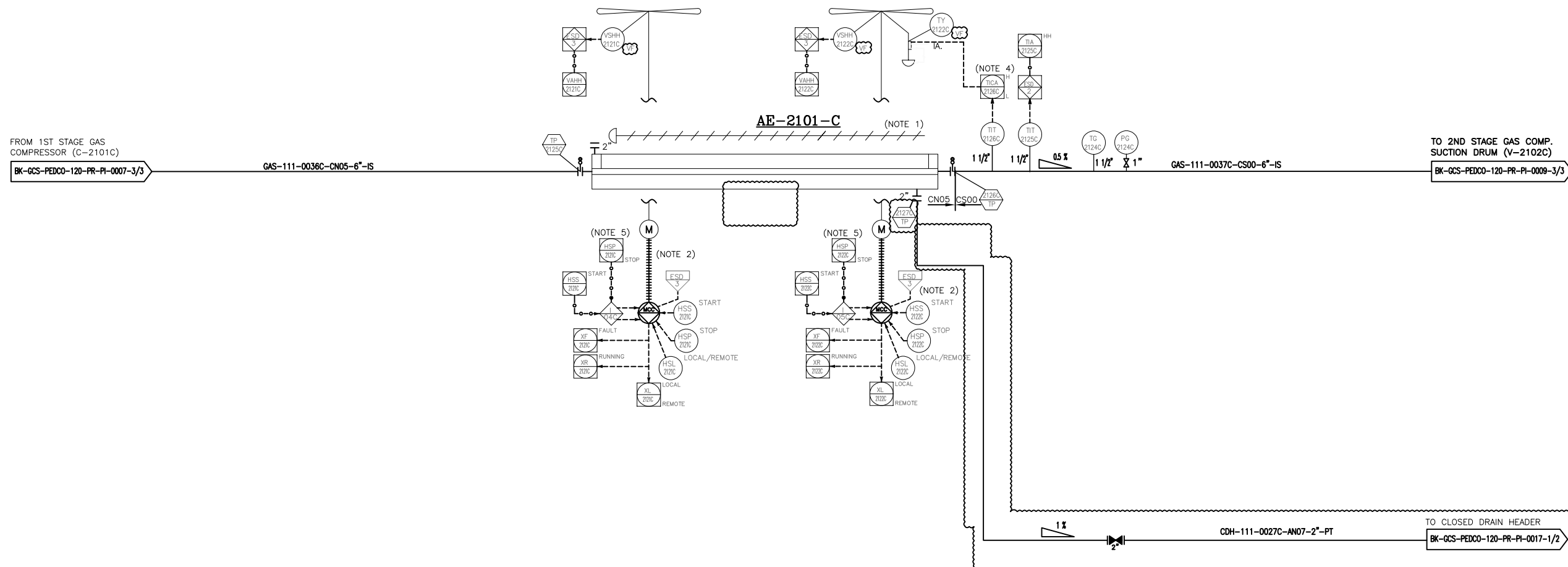
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
D53-073-9184	F	2	A	708786	2 OF 3	D09

AE-2101C
1ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #C
DESIGN DUTY : ~~391.3~~ 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



D09	AUG.2024	APC	M.ARTAPAR	M.PAKHARAN	M.SADIGHAN	00.00
D08	MAR.2024	APC	M.ARTAPAR	M.PAKHARAN	E.FARMADEPOUR	00.00
D07	SEP.2023	APC	M.ARTAPAR	M.PAKHARAN	A.M.MOHSSENI	00.00
D06	APR.2023	APC	M.ARTAPAR	M.PAKHARAN	M.MHERSEBADI	00.00
D05	DEC.2022	IPA	M.ARTAPAR	M.PAKHARAN	M.MHERSEBADI	00.00
D04	AUG.2022	IPA	M.ARTAPAR	M.PAKHARAN	M.MHERSEBADI	00.00
D03	JUN.2022	IPA	M.ARTAPAR	M.PAKHARAN	M.MHERSEBADI	00.00
D02	JAN.2022	IPA	M.ARTAPAR	M.PAKHARAN	M.MHERSEBADI	00.00
D01	JAN.2022	IPA	M.ARTAPAR	M.PAKHARAN	M.MHERSEBADI	00.00
D00	SEP.2021	IPC	M.ARTAPAR	M.PAKHARAN	M.MHERSEBADI	00.00

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME:		BINKA OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION				
PROJECT NO.:		971030				
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:			P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS			
SCALE		SIZE		DRAWING NO.		SHEET NO.
NS		A3		BK-GCS-PEDCO-120-PR-P1-0008		3 OF 3

(VENDOR TITLE BLOCK)*

- 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 AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

VF 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