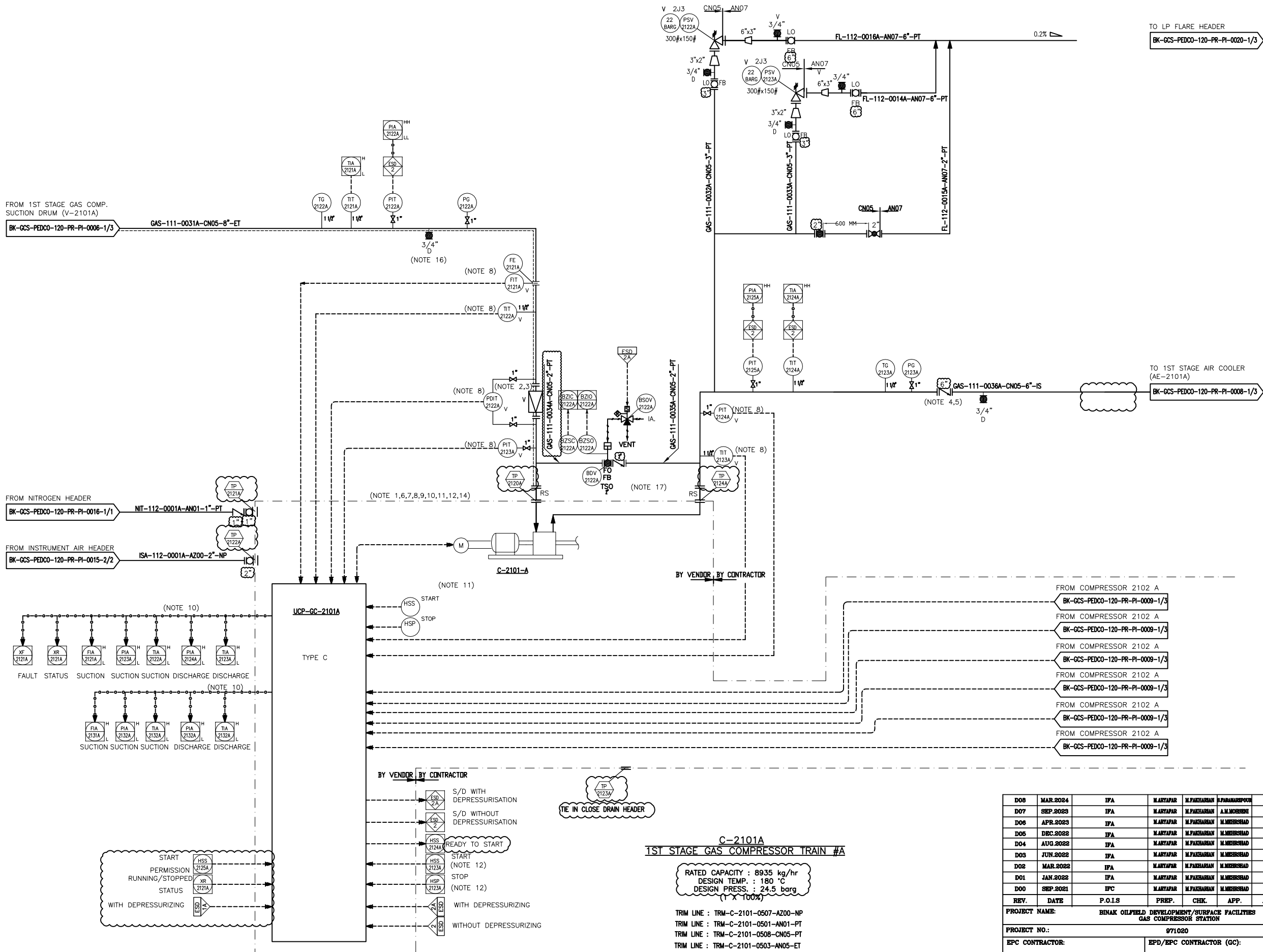




- NOTES**
- 1- COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 2- STRAINER TO BE MIN. DISTANCE FROM COMPRESSOR INLET NOZZLE.
 - 3- STRAINER TO BE REMOVABLE WITHOUT BREAKING PIPING ALIGNMENT.
 - 4- CON TYPE SUITABLE FOR COMPRESSOR SERVICE.
 - 5- LOCATE AS CLOSE TO C-2101A OUTLET FLANGE AS POSSIBLE.
 - 6- CONTROL OF COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 7- COMPRESSOR VENDOR TO CONFIRM REQUIREMENT FOR HOT GAS BY-PASS.
 - 8- SHALL BE PROVIDED BY COMPRESSOR VENDOR.
 - 9- PULSATION DAMPERS ARE REQUIRED ON DISCHARGE OF EACH STAGE.
 - 10- REDUNDANT SERIAL LINK SHALL BE CONSIDERED BETWEEN UCP AND DCS. QUANTITIES OF SIGNALS WILL BE FINALIZED LATER. UCP WILL BE CONNECTED TO ESD VIA HARD WIRE
 - 11- LCP SHALL BE PROVIDED AS PER COMPRESSOR DATA SHEET BY VENDOR.
 - 12- STOP/START SEQUENCE LOGIC SHALL BE IMPLEMENTED BY COMMON COMPRESSOR UCP LOCATED ON CONTROL BUILDING.
 - 13- DELETED.
 - 14- SIL 3 REQUIREMENT TO BE CONSIDERED FOR SAFETY LOOP. BY COMPRESSOR VENDOR. MCC BY CONTRACTOR DURING DESIGN (SIL STUDY OF PACKAGE IS BY VENDOR)
 - 15- DEFINE IN OPERATING MANUAL OF COMPRESSOR STATION THAT OPERATOR SHOULD ADJUST COMPRESSOR CAPACITY ACCORDING TO STATION FLOW RATE.
 - 16 -DRAIN CONNECTION SHALL BE CONSIDER ON LOW POINT OF LINE BETWEEN V-2101 A AND COMPRESSOR.
 - 17 -THIS VALVE TAKES COMMAND FROM EMERGENCY SYSTEM AND SHALL BE OPENED IN CASE OF ESD2A FOR DEPRESSURIZING.
 - 18- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.
 - 19- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER.

LEGEND	
V : PROVIDE BY COMPRESSOR 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	
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D08	MAR.2024	IFA	MARYAPAR	M.PAKHMAN	M.PAKHMAN	00.00
D07	SEP.2023	IFA	MARYAPAR	M.PAKHMAN	A.M.MOHEBBI	00.00
D06	APR.2023	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D05	DEC.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D04	AUG.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D03	JUN.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D02	MAR.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D01	JAN.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D00	SEP.2021	IPC	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

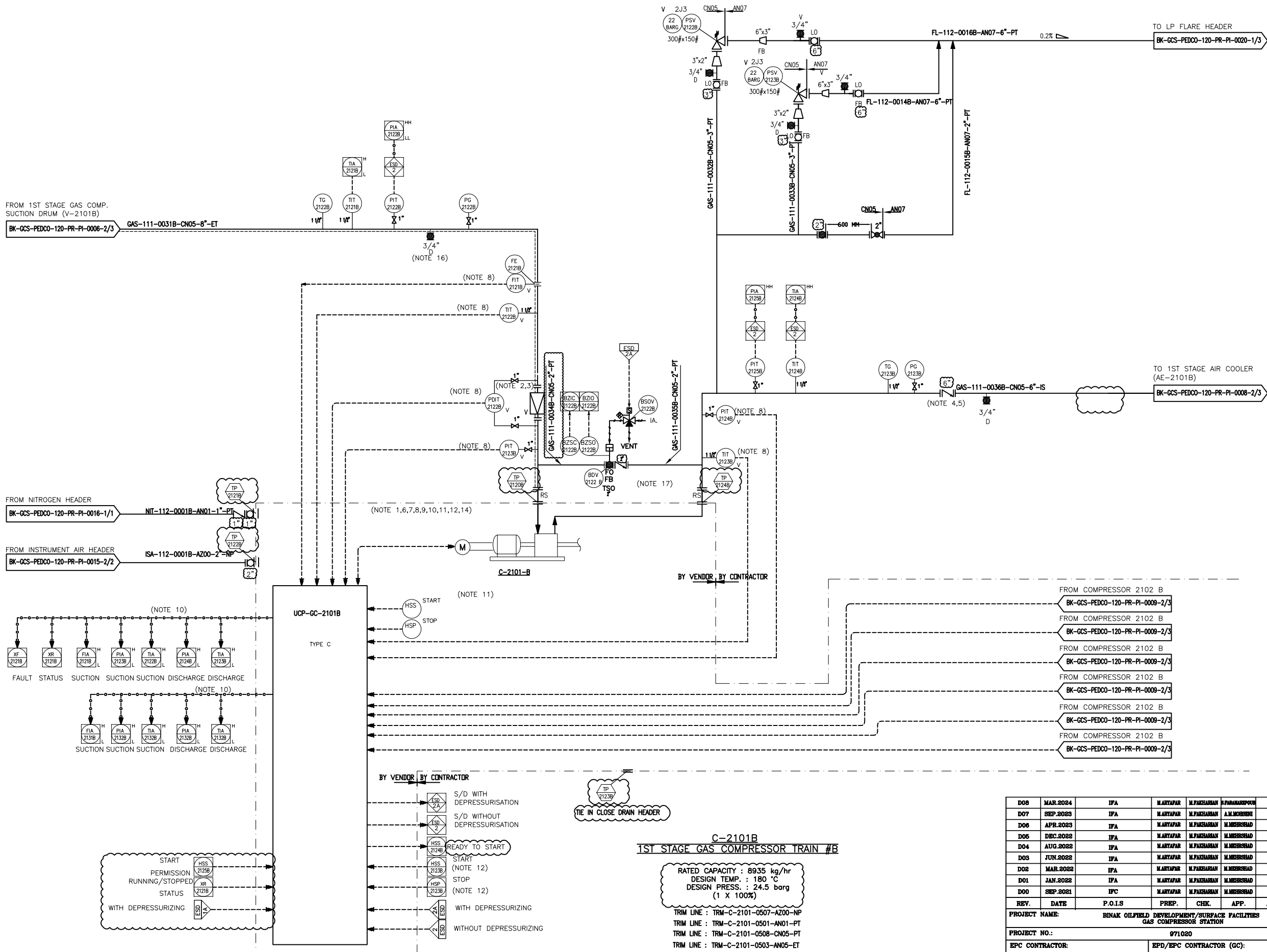
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION			
PROJECT NO.:		971020			
EPC CONTRACTOR:		EPD/EPC CONTRACTOR (GC):		PETROIRAN DEVELOPMENT COMPANY	
					
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES					
PEDCO					
DRAWING TITLE:					
P&ID - 1st STAGE GAS COMPRESSION COMPRESSORS					
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.
NS	A3	BK-GCS-PEDCO-120-PR-PI-0007		1 OF 3	D08

					
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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 REVISION
053-073-0184	F	2	A	706785	1 OF 3 D08

C-2101A
1ST STAGE GAS COMPRESSOR TRAIN #A

RATED CAPACITY : 8935 kg/hr
DESIGN TEMP. : 180 °C
DESIGN PRESS. 24.5 barg
(1 X 100%)

TRIM LINE : TRM-C-2101-0507-AZ00-NP
TRIM LINE : TRM-C-2101-0501-AN01-PT
TRIM LINE : TRM-C-2101-0508-CN05-PT
TRIM LINE : TRM-C-2101-0503-AN05-ET



- NOTES**
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 - 16- DRAIN CONNECTION SHALL BE CONSIDER ON LOW POINT OF LINE BETWEEN V-2101 B AND COMPRESSOR.
 - 17- THIS VALVE TAKES COMMAND FROM EMERGENCY SYSTEM AND SHALL BE OPENED IN CASE OF ESD2A FOR DEPRESSURIZING.
 - 18- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.
 - 19- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER.

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

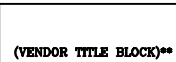
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D08	MAR.2024	IFA	M.AYAPAR	M.PAKHMAN	M.PAKHMAN	00.00
D07	SEP.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D06	APR.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D05	DEC.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D04	AUG.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D03	JUN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D02	MAR.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D01	JAN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D00	SEP.2021	IPC	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D08	MAR.2024	IFA	M.AYAPAR	M.PAKHMAN	M.PAKHMAN	00.00
D07	SEP.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D06	APR.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D05	DEC.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D04	AUG.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D03	JUN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D02	MAR.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D01	JAN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D00	SEP.2021	IPC	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00

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D08	MAR.2024	IFA	M.AYAPAR	M.PAKHMAN	M.PAKHMAN	00.00
D07	SEP.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D06	APR.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D05	DEC.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D04	AUG.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D03	JUN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D02	MAR.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D01	JAN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D00	SEP.2021	IPC	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00

(VENDOR TITLE BLOCK)**

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D08	MAR.2024	IFA	M.AYAPAR	M.PAKHMAN	M.PAKHMAN	00.00
D07	SEP.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D06	APR.2023	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D05	DEC.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D04	AUG.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D03	JUN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D02	MAR.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D01	JAN.2022	IFA	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00
D00	SEP.2021	IPC	M.AYAPAR	M.PAKHMAN	M.MOHEBBI	00.00



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	

DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION COMPRESSORS						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
						APPROVED FOR CONSTRUCTION				BY:	DATE:	
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NS	A3	EK-GCS-PDCDO-120-PR-PI-0007		3 OF 3	D08	DSS-073-9184	F	2	A	708785	3 OF 3	D08

- | | |
|---|------------------------------------|
| <p align="center">LEGEND</p> <p>V : PROVIDE BY COMPRESSOR VENDOR</p> | |
| 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

REV.	DESCRIPTION	CHECKED	REV. APPR.
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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	REVISION
53-073-9184	F	2	A	708785	3 OF 3	D08