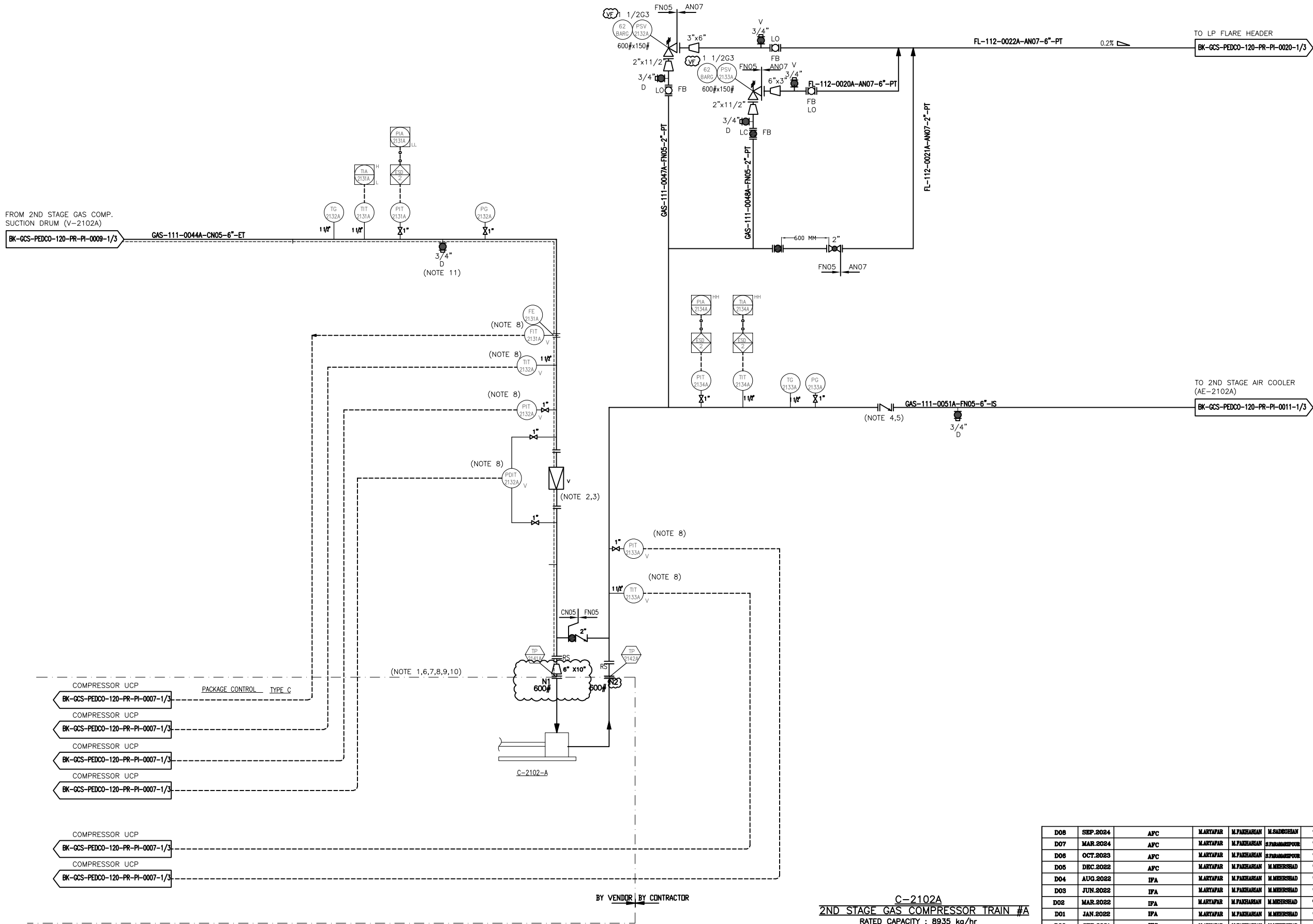




- NOTES**
- 1- COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 2- STRAINER TO BE MIN. DISTANCE FROM COMPRESSOR INLET NOZZLE.
 - 3- STRAINER TO BE REMOVABLE WITHOUT BREAKING PIPING ALIGNMENT.
 - 4- CON TYPE SUITABLE FOR COMPRESSOR SERVICE.
 - 5- LOCATE AS CLOSE TO C-2102A OUTLET FLANGE AS POSSIBLE.
 - 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.
 - 11- DRAIN CONNECTION SHALL BE CONSIDER ON LOW POINT OF LINE BETWEEN V-2101 A AND COMPRESSOR.
 - 12- PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.
 - 13- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

{VF}	PROVIDE BY COMPRESSOR VENDOR
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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

C-2102A
2ND STAGE GAS COMPRESSOR TRAIN #A
RATED CAPACITY : 8935 kg/hr
DESIGN TEMP. : 180 °C
DESIGN PRESS. : 62 barg
(1 X 100%)
TRIM LINE : TRM-C-2102A-0511-FN05-IS
TRIM LINE : TRM-C-2102A-0508-CN05-ET

D08	SEP.2024	APC	MARTAPAR	M.PAKHARIAN	M.SADOSHIAN	00.00
D07	MAR.2024	APC	MARTAPAR	M.PAKHARIAN	S.PARHAMPOUR	00.00
D08	OCT.2023	APC	MARTAPAR	M.PAKHARIAN	S.PARHAMPOUR	00.00
D06	DEC.2022	APC	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D04	AUG.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D03	JUN.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D02	MAR.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D01	JAN.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D00	SEP.2021	IPC	MARTAPAR	M.PAKHARIAN	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):
 HURGAN ENERGY - DESIGN & INSPECTION COMPANIES	 PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: P&ID - 2nd STAGE GAS COMPRESSION COMPRESSORS

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

NS A3 BK-GCS-PEDCO-120-PR-PI-0010 1 OF 3 D08 053-073-9184 F 2 A 708788 1 OF 3 D08

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BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

053-073-9184 F 2 A 708788 1 OF 3 D08

FROM 2ND STAGE GAS COMP.
SUCTION DRUM (V-2102B)

BK-GCS-PEDCO-120-PR-PI-0009-2/3

GAS-111-0044B-CN05-6"-ET

TG
2132B

TIT
2131B

PIT
2131B

PG
2132B

(NOTE 11)

(NOTE 8)

(NOTE 8)

(NOTE 8)

(NOTE 8)

(NOTE 2,3)

(NOTE 8)

(NOTE 8)

(NOTE 1,6,7,8,9,10)

COMPRESSOR UCP

BK-GCS-PEDCO-120-PR-PI-0007-2/3

COMPRESSOR UCP

BK-GCS-PEDCO-120-PR-PI-0007-2/3

COMPRESSOR UCP

BK-GCS-PEDCO-120-PR-PI-0007-2/3

COMPRESSOR UCP

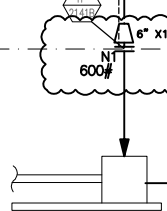
BK-GCS-PEDCO-120-PR-PI-0007-2/3

COMPRESSOR UCP

BK-GCS-PEDCO-120-PR-PI-0007-2/3

COMPRESSOR UCP

BK-GCS-PEDCO-120-PR-PI-0007-2/3



BY VENDOR BY CONTRACTOR

C-2102B
2ND STAGE GAS COMPRESSOR TRAIN #B

RATED CAPACITY : 8924 kg/hr
DESIGN TEMP. : 180 °C
DESIGN PRESS. : 62 barg
(1 X 100%)

TRIM LINE : TRM-C-2102B-0511-FN05-IS
TRIM LINE : TRM-C-2102B-0508-CN05-ET

D08	SEP.2024	APC	MARTAPAR	M.PAKHARIAN	M.SADOSHIAN	00.00
D07	MAR.2024	APC	MARTAPAR	M.PAKHARIAN	S.PARHAMPOUR	00.00
D08	OCT.2023	APC	MARTAPAR	M.PAKHARIAN	S.PARHAMPOUR	00.00
D06	DEC.2022	APC	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D04	AUG.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D03	JUN.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D02	MAR.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D01	JAN.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D00	SEP.2021	IPC	MARTAPAR	M.PAKHARIAN	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:
HURGAN ENERGY
DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC):
PETROIRAN DEVELOPMENT COMPANY
PEDCO

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

063-073-9184 F 2 A 708788 2 OF 3 D08

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-2102B 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.
- 11- DRAIN CONNECTION SHALL BE CONSIDERED ON LOW POINT OF LINE BETWEEN V-2101 A AND COMPRESSOR.
- 12- PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.
- 13- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

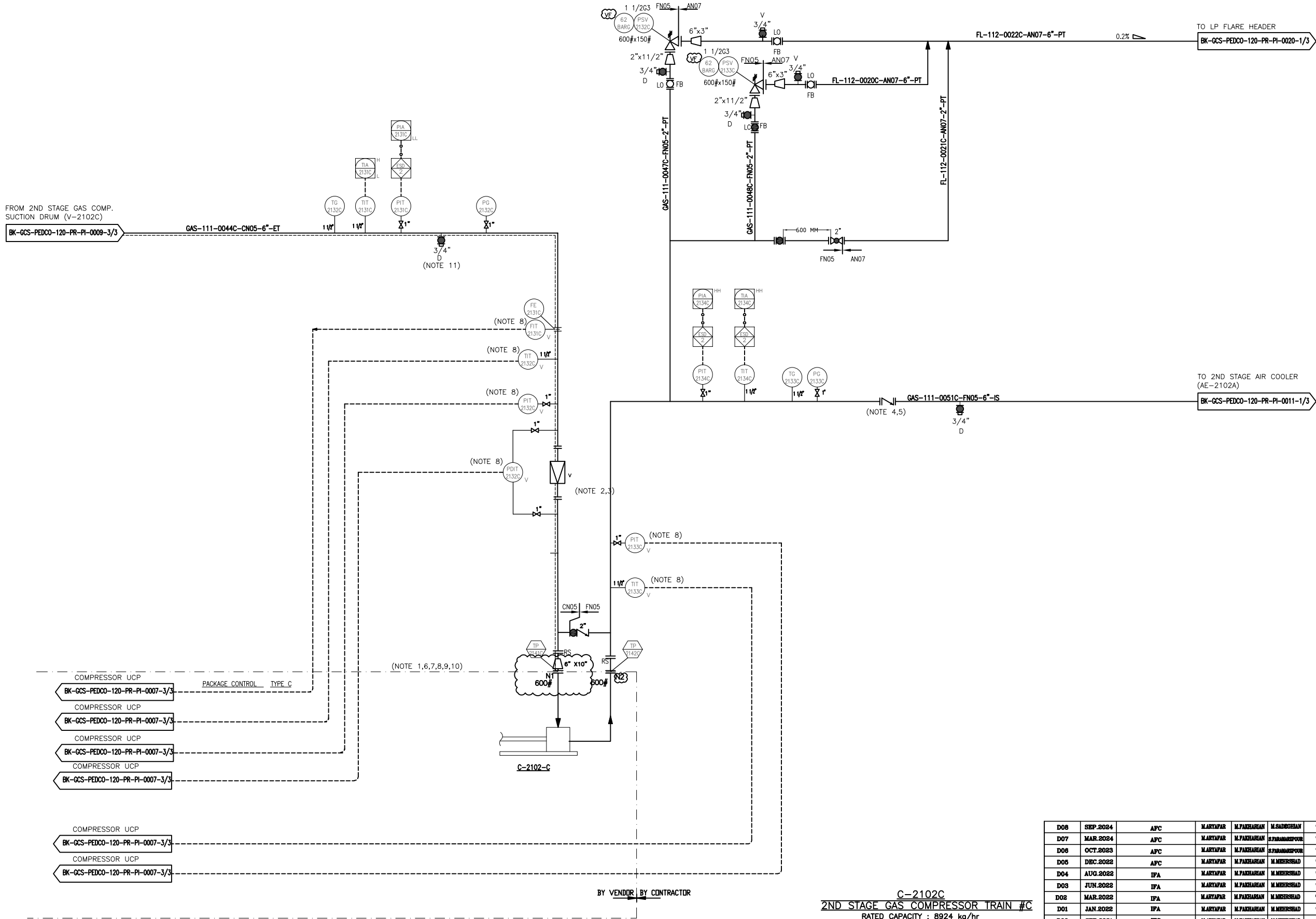
VF: PROVIDE BY COMPRESSOR VENDOR

REFERENCE DRAWING

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



C-2102C
2ND STAGE GAS COMPRESSOR TRAIN #C
RATED CAPACITY : 8924 kg/hr
DESIGN TEMP. : 180 °C
DESIGN PRESS. : 62 barg
(1 X 100%)
TRIM LINE : TRM-C-2102C-0511-FN05-IS
TRIM LINE : TRM-C-2102C-0508-CN05-ET

- NOTES**
- 1- COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 2- STRAINER TO BE MIN. DISTANCE FROM COMPRESSOR INLET NOZZLE.
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 - 4- CON TYPE SUITABLE FOR COMPRESSOR SERVICE.
 - 5- LOCATE AS CLOSE TO C-2102C 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.
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 - 9- PULSATION DAMPERS ARE REQUIRED ON DISCHARGE OF EACH STAGE.
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 - 13- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

{VF} 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

D08	SEP.2024	APC	MARTAPAR	M.PAKHARIAN	M.SADOSHIAN	00.00
D07	MAR.2024	APC	MARTAPAR	M.PAKHARIAN	S.PARHAMPOUR	00.00
D08	OCT.2023	APC	MARTAPAR	M.PAKHARIAN	S.PARHAMPOUR	00.00
D06	DEC.2022	APC	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D04	AUG.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D03	JUN.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D02	MAR.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D01	JAN.2022	IFA	MARTAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D00	SEP.2021	IPC	MARTAPAR	M.PAKHARIAN	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

HURGAN ENERGY
DESIGN & INSPECTION COMPANIES

PEDCO

EPD/EPC CONTRACTOR (GC):
PETROIRAN DEVELOPMENT COMPANY

BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION				
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: P&ID - 2nd STAGE GAS COMPRESSION COMPRESSORS					
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	
NS	A3	BK-GCS-PEDCO-120-PR-PI-0010	3 OF 3	D08	053-073-9184

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APPROVED FOR CONSTRUCTION			BY:	DATE:	
BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	2	A	708788	3 OF 3 D08

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