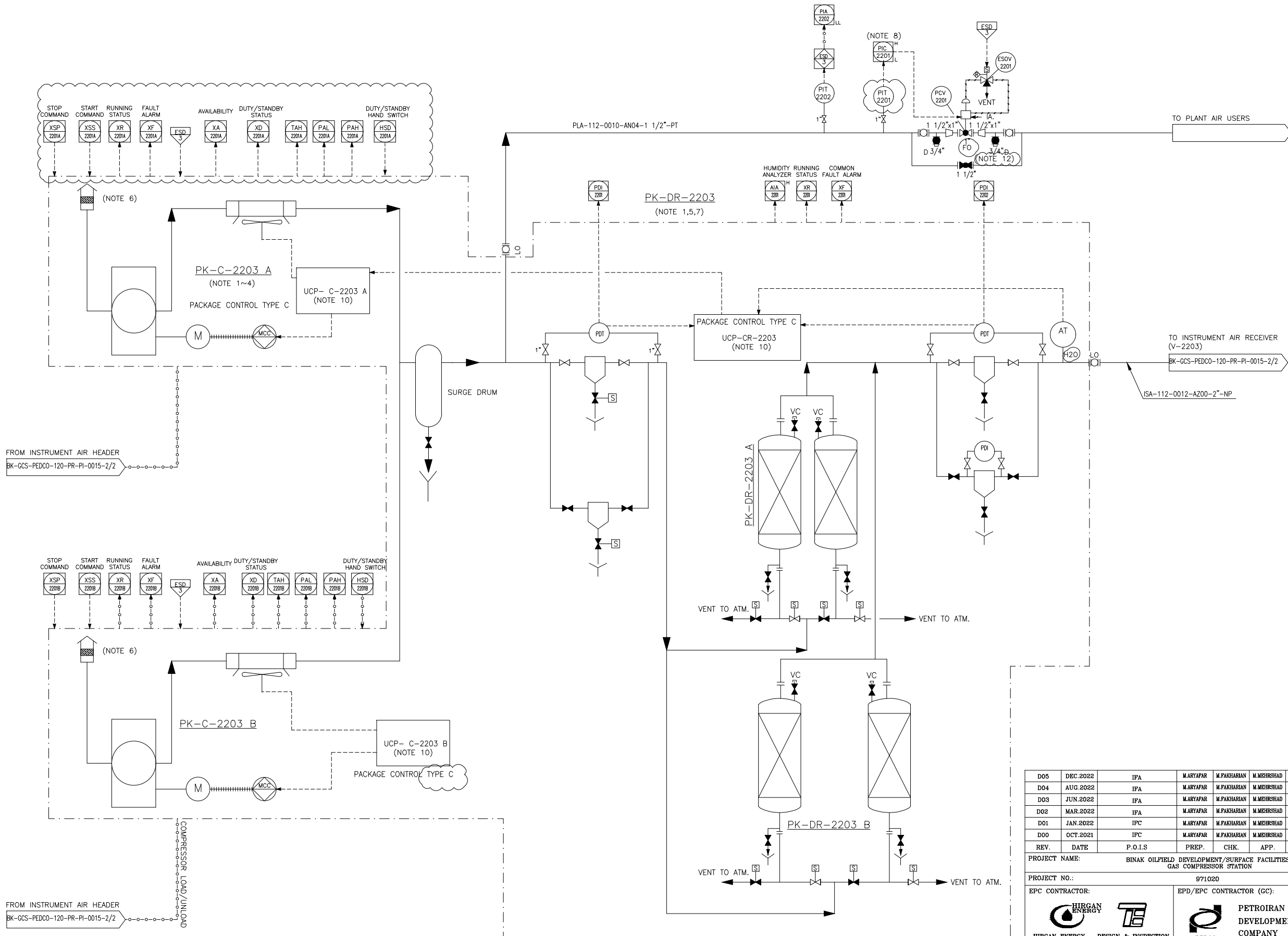


PK-C-2203 A/B
AIR COMPRESSOR PACKAGE

DESIGN CAPACITY (DRY BASIS) : 191 Nm³/hr
DESIGN PRESS. : 12.5 barg

PK-DR-2203 A/B
AIR DRYER PACKAGE

DESIGN CAPACITY (DRY BASIS) : 157.3 Nm³/hr
DESIGN PRESS. : 12.5 barg



NOTES

- 1- ALL EQUIPMENT AND INSTRUMENTATION INSIDE PACKAGE ARE IN THE VENDOR SCOPE OF WORK. LOCAL CONTROL PANEL FOR EACH TRAIN TO BE CONSIDERED AS PER SPECIFICATION.
- 2- THE STANDBY COMPRESSOR WILL AUTOMATICALLY START BEFORE LOW LOW PRESSURE.
- 3- MOTOR SHALL BE CONTROLLED AND MONITORED BY PACKAGE CONTROL PANEL.
- 4- AIR INTAKE FILTER SHOULD BE SPECIFIED BY VENDOR IN THE AIR COMPRESSOR PACKAGE.
- 5- DETAILS OF AIR DRYER PACKAGE IS ONLY SHOWN INDICATIVELY, SIZE & MATERIAL WILL BE FINALIZED BY VENDOR.
- 6- AIR INTAKE FILTER SHOULD BE SPECIFIED BY VENDOR IN THE AIR COMPRESSOR PACKAGE.
- 7- 20% EXCESS DRY AIR IS CONSIDERED FOR DRYER.
- 8- SET POINT OF PALL-2202 ON THE PLANT AIR LINE IS EQUAL TO THE SET POINT OF PAL-2203 ON THE INSTRUMENT AIR LINE. THEREFORE, IF PALL IS OCCURRED IN THE INSTRUMENT AIR LINE, PCV-2201 ON THE PLANT AIR LINE WILL BE CLOSED.
- 9- EACH COMPRESSOR HAS DEDICATED LOCALLY MONTED UCP FOR EACH TRAIN, DRYER HAS LCP CONNECTED TO PLANT DCS BY HARDWARE.
- 10- TYPE C, (LOCATED IN COMPRESSOR AREA) COMMON FOR COMPRESSORS AND DRYER SHALL BE PROVIDED BY VENDOR FOR COMPLETE ELECTRICALLY/CONTROL ACTION REQUIRED.
- 11- MOTOR STARTER SHALL BE CONSIDERED IN LOCAL CONTROL PANEL ON PACKAGE SKID BY MANUFACTURER.
- 12- CONTROL VALVE SIZING WILL BE FINALIZED BY VENDOR.

GENERAL NOTE

LEGEND

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

KEY PLAN

D05	DEC.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **						
D04	AUG.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **						
D03	JUN.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **						
D02	MAR.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **						
D01	JAN.2022	IPC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **						
D00	OCT.2021	IPC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **						

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	CHECKED	REV.	APPR.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	CHECKED	REV.	APPR.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	CHECKED	REV.	APPR.
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اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.
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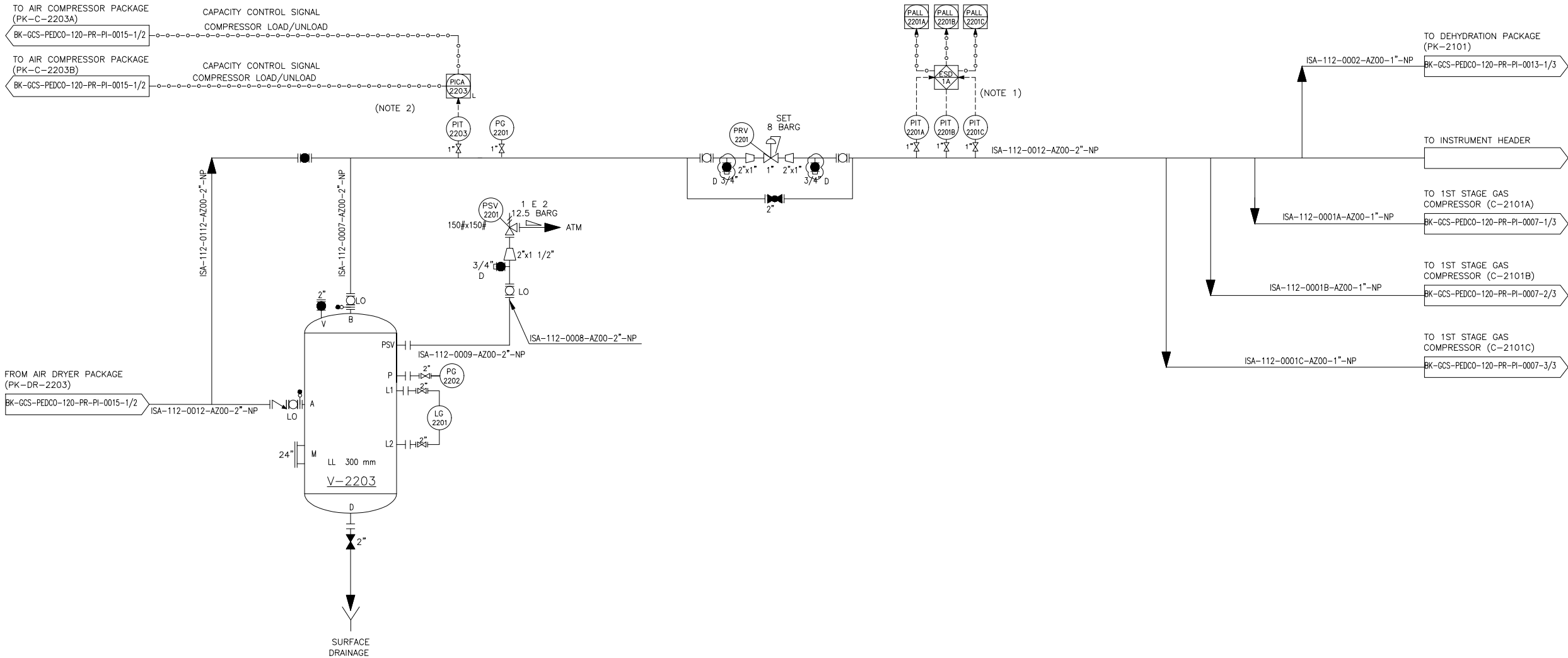
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(VENDOR TITLE BLOCK)**

V-2203
INSTRUMENT AIR RECEIVER

DIMENSION (ID X TL-TL) : 1500 X 5000 mm
DESIGN TEMP. : 85 °C
DESIGN PRESS. : 12.5 barg

TRIM LINE : TRM-V-2203-0507-AZ00-NP



NOTES

- 1- 2 OF 3 VOTING FOR SYSTEM SHUTDOWN.
- 2- PRESSURE TRANSMITTER WILL START STANDBY COMPRESSOR ON LOW PRESSURE OF DUTY COMPRESSOR.
- 3-PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

GENERAL NOTE

LEGEND

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

KEY PLAN

D05	DEC.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **							
D04	AUG.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **							
D03	JUN.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **							
D02	MAR.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **							
D01	JAN.2022	IPC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **							
D00	OCT.2021	IPC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **							
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	CHECKED	REV.	APPR.			
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 - INSTRUMENT & PLANT AIR SYSTEM						
SCALE							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
BUDGET REF.							APPROVED FOR CONSTRUCTION						
LOCATION							BY:						
SIZE							DATE:						
CLASS							SHEET						
REVISION							REVISION						
NS	A3	BK-GCS-PEDCO-120-PR-PI-0015		2 OF 2	D05	053-073-9184	F	2	A	708793	2 OF 2	D05	