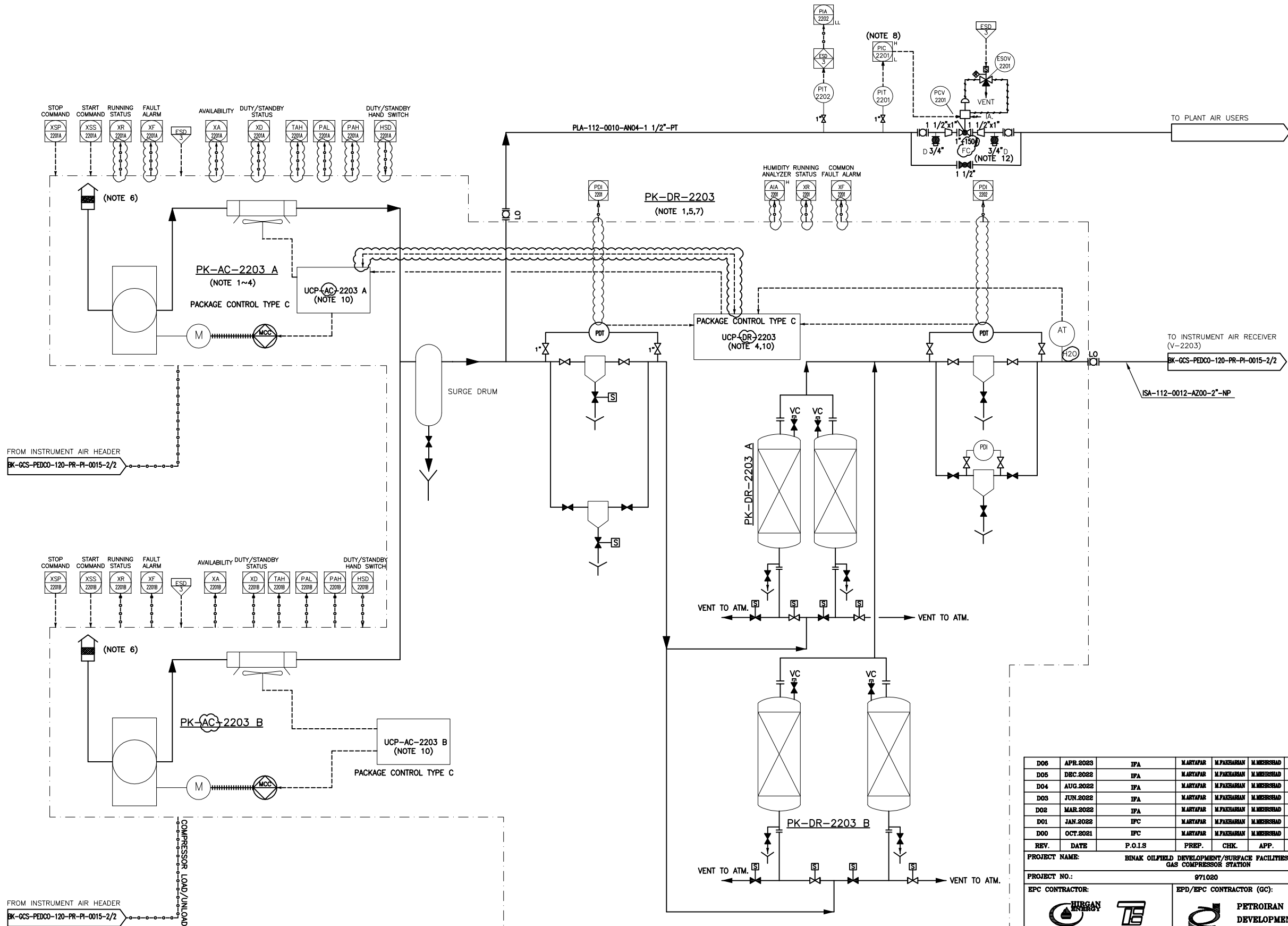


PK-C-2203 A/B
AIR COMPRESSOR PACKAGE
DESIGN CAPACITY (DRY BASIS) : 191 Nm³/hr
DESIGN PRESS. : 12.5 barg

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 CONTROL ROOM MOUNTED UCP FOR EACH TRAIN. DRYER HAS LOP CONNECTED TO AIR COMPRESSOR UCP PLANT DCS BY HARDWIRE.
 - 10- TYPE C 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

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D06	APR.2023	IPA	M.ARTAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D05	DEC.2022	IPA	M.ARTAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D04	AUG.2022	IPA	M.ARTAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D03	JUN.2022	IPA	M.ARTAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D02	MAR.2022	IPA	M.ARTAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D01	JAN.2022	IPC	M.ARTAPAR	M.PAKHMAN	M.MEHRSHAD	00.00
D00	OCT.2021	IPC	M.ARTAPAR	M.PAKHMAN	M.MEHRSHAD	00.00

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			
DRAWING TITLE: P&ID - INSTRUMENT & PLANT AIR SYSTEM						
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION
NS	AS	BK-GCS-PEDCO-120-PR-PI-0015	1 OF 2	D06	063-073-0184	F

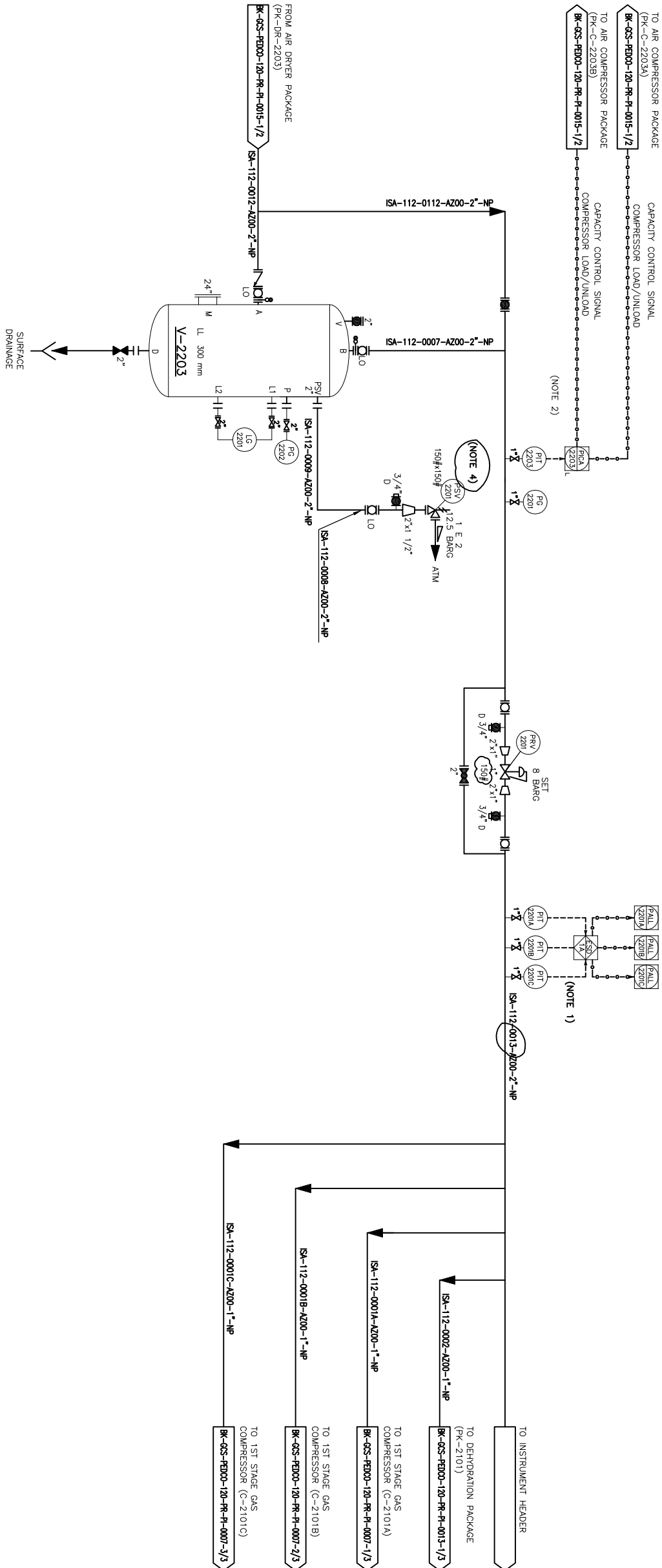
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION			BY:	DATE:		
SERIAL NO.	SHEET	REVISION				
706793	1 OF 2	D06				

NOTES

- 1- 2 OF 3 VOTING FOR SYSTEM SHUTDOWN.
 - 2- PRESSURE TRANSDUCER WILL START STANDBY COMPRESSOR ON LOW PRESSURE OF DUTY COMPRESSOR.
 - 3-PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESD'S ACTIVATED BY ESD 1.0.
- 4-2*100% PSV'S ONE DUTY AND ONE STANDBY.

4-2*100% PSV'S ONE DUTY AND ONE STANDBY.

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-A200-NP



PROJECT NO.: 971020 PROJECT NAME: BINKA OILFIELD DEVELOPMENT/ SURFACE FACILITIES GAS COMPRESSOR STATION EPC CONTRACTOR: BINKA OILFIELD DEVELOPMENT (GC): ERB/ EPC CONTRACTOR (GC): PETROBRAS DEVELOPMENT COMPANY									
DRAWING TITLE: PAID - INSTRUMENT & PLANT AIR SYSTEM SCALE: A3 BR-GCS-PROD-120-PR-PI-0016 SHEET NO. 2 OF 2 REV. D06 563-979-9164 Y 2 A 706793 SHEET REVISION NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION BY: DATE: BUILDER REF: LOCATION SIZE CLASS SERIAL NO. SHEET REVISION									
DATE: 2023/07/04 SCALE: A3 BR-GCS-PROD-120-PR-PI-0016 SHEET NO. 2 OF 2 REV. D06 563-979-9164 Y 2 A 706793 SHEET REVISION NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION BY: DATE: BUILDER REF: LOCATION SIZE CLASS SERIAL NO. SHEET REVISION									
DATE: 2023/07/04 SCALE: A3 BR-GCS-PROD-120-PR-PI-0016 SHEET NO. 2 OF 2 REV. D06 563-979-9164 Y 2 A 706793 SHEET REVISION NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION BY: DATE: BUILDER REF: LOCATION SIZE CLASS SERIAL NO. SHEET REVISION									