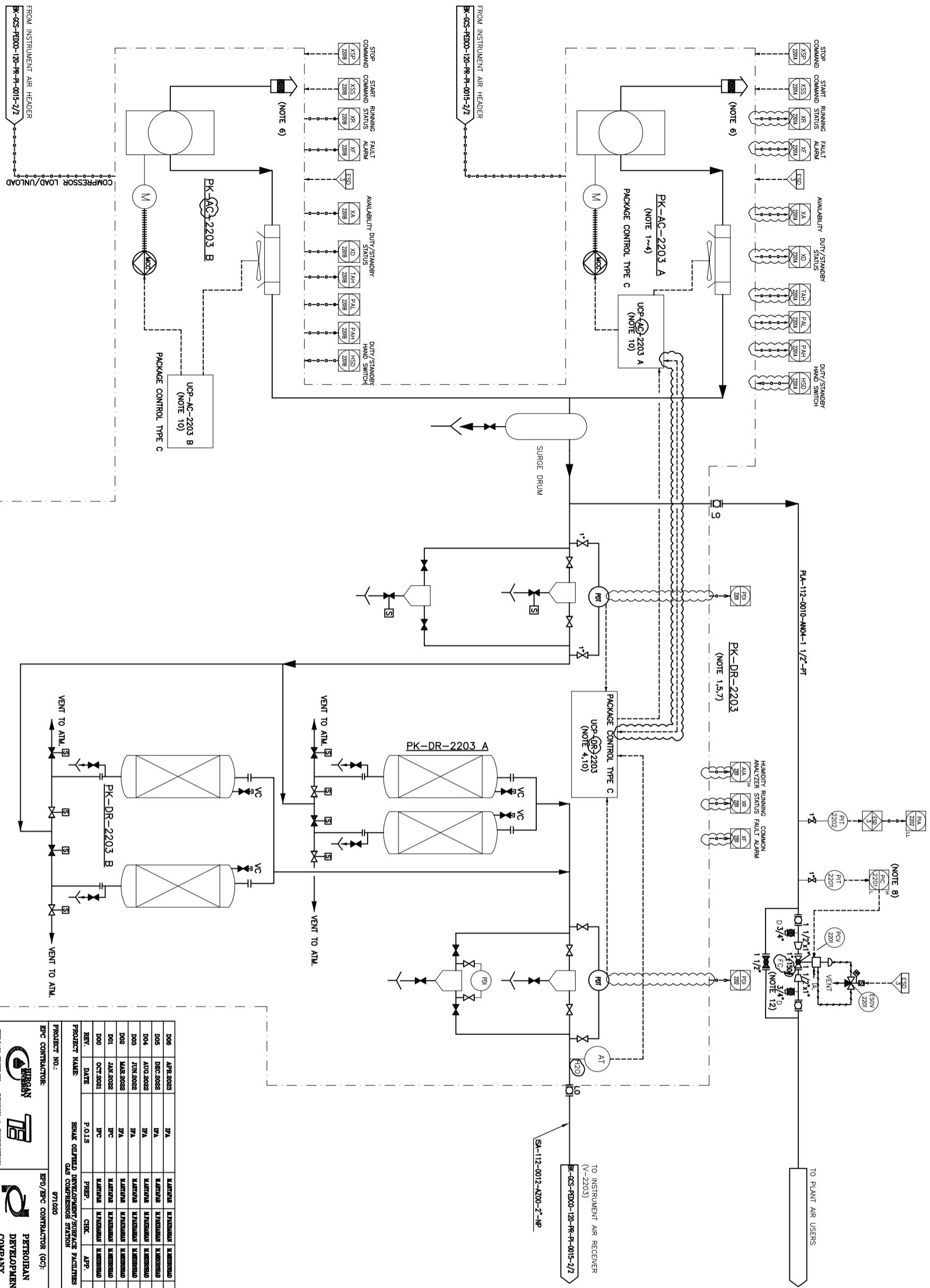


**PK-C-2203 A/B**  
**AIR COMPRESSOR PACKAGE**  
 DESIGN CAPACITY (DRY BASIS) : 191 Nm<sup>3</sup>/hr  
 DESIGN PRESS. : 12.5 barg

**PK-DR-2203 A/B**  
**AIR DRYER PACKAGE**  
 DESIGN CAPACITY (DRY BASIS) : 157.3 Nm<sup>3</sup>/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 PAUL-2202 ON THE PLANT AIR LINE IS EQUAL TO THE SET POINT PAUL-2202 ON THE INSTRUMENTED AIR LINE. PCV-2201 ON THE PLANT AIR LINE WILL BE CLOSED.
  - 9- EACH COMPRESSOR HAS DEDICATED CONTROL ROOM MOUNTED COMPRESSOR USED PLANT OCS BY HARDWARE.
  - 10- TYPE C COMMON FOR COMPRESSORS AND DRYER SHALL BE PROVIDED BY VENDOR FOR COMPLETE ELECTRICAL/CONTROL ACTION ON PACKAGE SHD BY MANUFACTURER.
  - 11- MOTOR STARTER SHALL BE CONSIDERED IN LOCAL CONTROL PANEL ON PACKAGE SHD BY MANUFACTURER.
  - 12- CONTROL VALVE SIZING WILL BE FINALIZED BY VENDOR.

**GENERAL NOTE**

**LEGEND**

**REFERENCE DRAWING**

Utility Flow Diagram	DRG. No.
BK-CGS-PRD00-120-PR-PI-0015-2/2	0001
BK-CGS-PRD00-120-PR-PI-0015-2/2	0001

**KEY PLAN**

NO.	DATE	DESCRIPTION	BY	DATE	BY	DATE
006	APR 2023	JPA	MARJANE	MARJANE	MARJANE	** **
005	DEC 2022	JPA	MARJANE	MARJANE	MARJANE	** **
004	AUG 2022	JPA	MARJANE	MARJANE	MARJANE	** **
003	JUN 2022	JPA	MARJANE	MARJANE	MARJANE	** **
002	MAR 2022	JPA	MARJANE	MARJANE	MARJANE	** **
001	JAN 2022	JFC	MARJANE	MARJANE	MARJANE	** **
000	OCT 2021	FJIS	MARJANE	MARJANE	MARJANE	** **

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES  
 PRODUCT NO.: 071020  
 EPC CONTRACTOR: BPD/PEC CONTRACTOR (GC)  
 PETROBRAS DEVELOPMENT COMPANY

**REVISIONS**

NO.	DATE	DESCRIPTION	BY	DATE	BY	DATE
006	APR 2023	JPA	MARJANE	MARJANE	MARJANE	** **
005	DEC 2022	JPA	MARJANE	MARJANE	MARJANE	** **
004	AUG 2022	JPA	MARJANE	MARJANE	MARJANE	** **
003	JUN 2022	JPA	MARJANE	MARJANE	MARJANE	** **
002	MAR 2022	JPA	MARJANE	MARJANE	MARJANE	** **
001	JAN 2022	JFC	MARJANE	MARJANE	MARJANE	** **
000	OCT 2021	FJIS	MARJANE	MARJANE	MARJANE	** **

**APPROVED FOR CONSTRUCTION**

BY:	DATE:
PROJECT ENG.	1 OF 2
PROJECT ENG.	2 OF 2

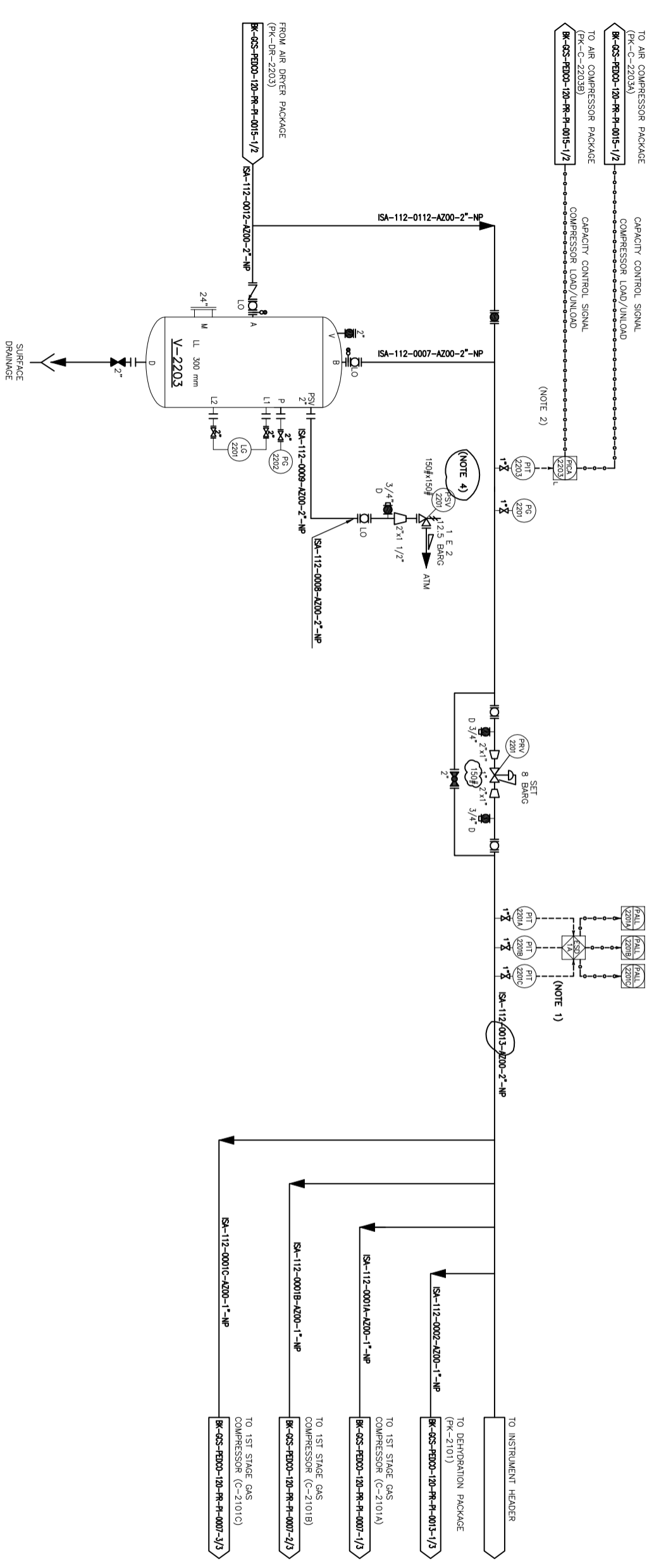
**REVISIONS**

NO.	DATE	DESCRIPTION	BY	DATE	BY	DATE
006	APR 2023	JPA	MARJANE	MARJANE	MARJANE	** **
005	DEC 2022	JPA	MARJANE	MARJANE	MARJANE	** **
004	AUG 2022	JPA	MARJANE	MARJANE	MARJANE	** **
003	JUN 2022	JPA	MARJANE	MARJANE	MARJANE	** **
002	MAR 2022	JPA	MARJANE	MARJANE	MARJANE	** **
001	JAN 2022	JFC	MARJANE	MARJANE	MARJANE	** **
000	OCT 2021	FJIS	MARJANE	MARJANE	MARJANE	** **

**APPROVED FOR CONSTRUCTION**

BY:	DATE:
PROJECT ENG.	1 OF 2
PROJECT ENG.	2 OF 2

V-2203  
**INSTRUMENT AIR RECEIVER**  
 DIMENSION (D X TL-TL) : 1500 X 5000 mm  
 DESIGN TEMP : 85 °C  
 DESIGN PRESS : 12.5 barg  
 TRIM LINE : RM-V-2203-050-A200-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 STROKE DEVICE TO BE CONSIDERED FOR ALL ESD'S ACTIVATED BY ESD 1.0.
  - 4- 2"100K P/S's ONE DUTY AND ONE STANDBY.

**GENERAL NOTE**

**LEGEND**

REFERENCE DRAWING	DRG. No.
Utility Flow Diagram	BK-GCS-PDCO-120-PR-PH-01-0001
Symbol & Legend for PFD & P&ID	BK-GCS-PDCO-120-PR-PH-01-0001

**KEY PLAN**

REV.	DATE	DESCRIPTION	CHK.	APP.	AUT.
006	APR 2023	JYA	WASISSAU	WASISSAU	** **
005	DEC 2022	JYA	WASISSAU	WASISSAU	** **
004	AUG 2022	JYA	WASISSAU	WASISSAU	** **
003	JUN 2022	JYA	WASISSAU	WASISSAU	** **
002	MAR 2022	JYA	WASISSAU	WASISSAU	** **
001	JAN 2022	JYC	WASISSAU	WASISSAU	** **
000	OCT 2021	JYC	WASISSAU	WASISSAU	** **

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES  
 GAS COMPRESSOR STATION

PROJECT NO.: 071000

EPC CONTRACTOR: BPD/PEC CONTRACTOR (GC)  
 PETROBRAS DEVELOPMENT COMPANY

DESIGNER: HIRSHAN ENERGY - DESIGN & INSPECTION  
 OPERATIONS

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED  
 APPROVED FOR CONSTRUCTION BY: DATE:  
 DRAWER REV: LOCATION SIZE CLASS SERIAL NO. SHEET REVISION  
 003-076-016 7 2 A 706793 2 OF 2 006

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
NS	A3	BK-GCS-PDCO-120-PR-PH-01-0016	2 OF 2	006

(VENDOR TITLE BLOCK)\*\*