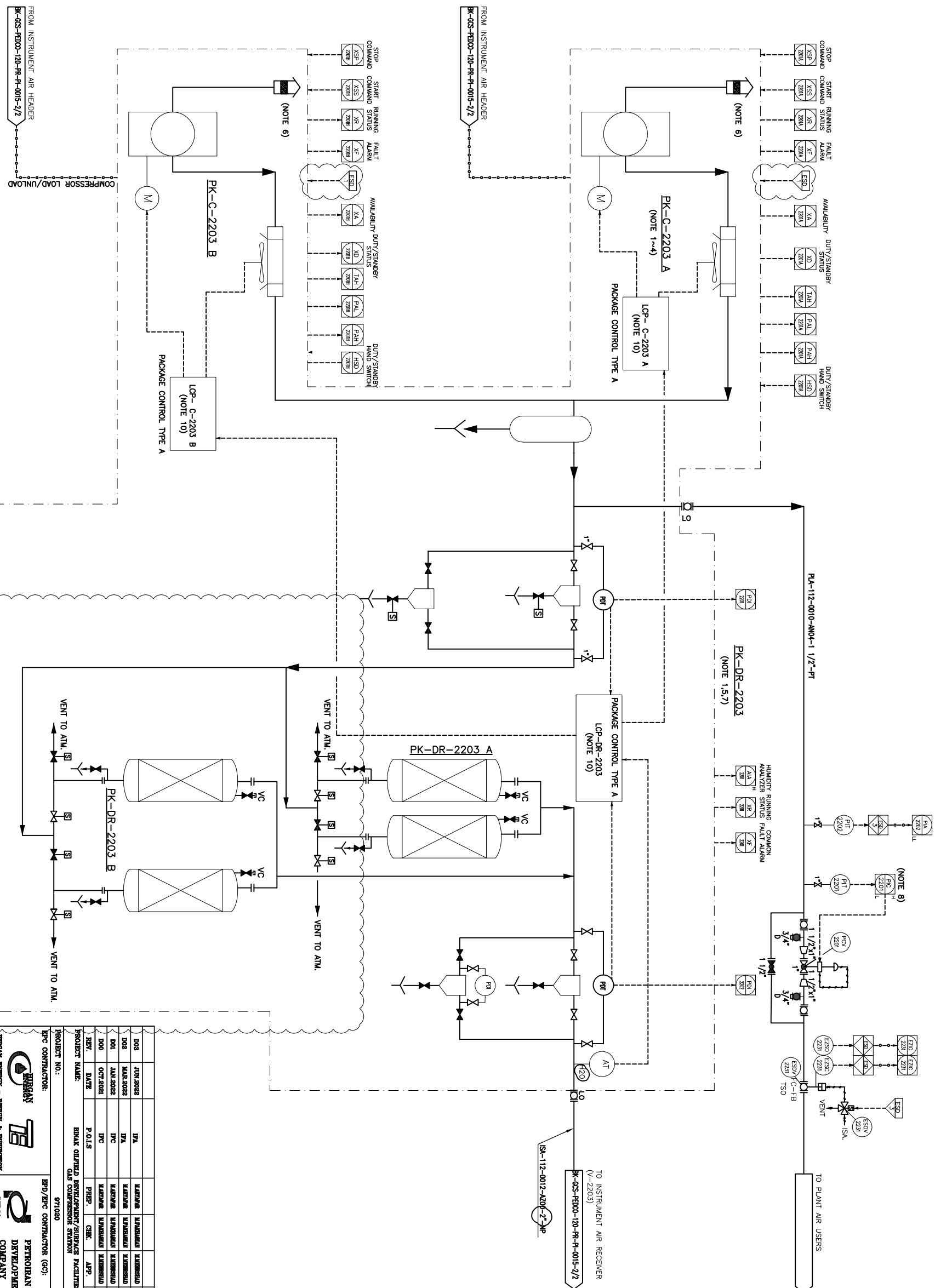


PK-C-2203 A/B
AIR COMPRESSOR PACKAGE

DESIGN CAPACITY (DRY BASIS) : 191 Nm³/h
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



- 1- ALL EQUIPMENT AND INSTRUMENTATION INSIDE PACKAGES ARE IN THE ENDORSEMENT SCOPE OF WORK. LOCAL CONTROL PANELS 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- AN INVADE FILTER SHOULD BE SPECIFIED BY VENDOR IN THE AIR COMPRESSOR PACKAGE.
- 5- DETAILS OF AN AIR DRYER PACKAGE IS ONLY SHOWN INDICATIVELY, SIZE & MATERIAL WILL BE FINALIZED BY VENDOR.
- 6- AN INVADE FILTER SHOULD BE SPECIFIED BY VENDOR IN THE AIR COMPRESSOR PACKAGE.
- 7- 20% EXCESS DRY AIR IS CONSIDERED FOR DRYER.
- 8- SET POINT OF PAU-2201 ON THE PLANT AIR LINE IS EQUAL TO THE SET POINT OF PAU-2203 ON THE INSTRUMENT AIR LINE. THEREFORE, IF PAU IS OCCURRED IN THE INSTRUMENT AIR LINE, IA-0000 ON THE PLANT AIR LINE WILL BE CLOSED.
- 9- EACH COMPRESSOR HAS DEDICATED CONTROL ROOM MOUNTED UP FOR EACH TRAIL. DRYER HAS LOP SHALL BE CONNECTED TO PLANT DCS BY HARDWARE.
- 10- THE A MICRO PROCESSOR BASED ON CONTROL PANEL (LOCATED IN COMPRESSOR AREA) SHALL BE PROVIDED BY VENDOR FOR COMPLETE ELECTRICAL/CONTROL ACTION REQUIRED.
- 11- MOTOR STARTER SHALL BE PROVIDED BY VENDOR. COMPRESSOR ON PACKAGE SHOWN BY MANUFACTURER.

GENERAL NOTE

LEGEND

REFERENCE DRAWING	DRG. No.
Utility Flow Diagram	HK-023-PEDCO-120-PR-UP-0001
Symbol & Legend For PPD & P&ID	HK-023-PEDCO-120-PR-FI-0001

KEY PLAN

REV.	DATE	F.O.B.	FIRM.	MATERIAL	QUANTITY	UNIT	REV.	DESCRIPTION			
								BY	DATE	BY	DATE
D03	JUN 2022		IFA	MATERIAL	1000000	00.00					
D03	MAR 2022		IFA	MATERIAL	1000000	00.00	000	00.00	000	00.00	000
D01	JAN 2022		IFC	MATERIAL	1000000	00.00					
D00	OCT 2021		MATERIAL	MATERIAL	1000000	00.00					

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**BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION**

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG

P&ID - Instrument & Plant Air System

		BY:		DATE:	
		APPROVED FOR CONSTRUCTION			
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	
NS	A3	EC-02S-PIEDCO-180-PR-PI-0016	1 OF 2	D03	D03
		BUDGET REF.	LOCATION	SIZE	CLASS
		D03-073-9184	F	2	A
					708783
					1 OF 2
					D03
					REVISION

(VENDOR TITLE BLOCK)**

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

KEY PLAN

D03	JUN-2002	IVA	MARKING	MARKING	MARKING	MARKING	04:00
D02	MAR-2002	IVA	MARKING	MARKING	MARKING	MARKING	04:00
D01	JAN-2002	IPC	MARKING	MARKING	MARKING	MARKING	04:00
D00	OCT-2001	IPC	MARKING	MARKING	MARKING	MARKING	04:00
REV	DATE	P.O.L.S	PREP.	CHK	APP.	AUT.	
PROJECT NAME:			BROKE OUT/PAID DEVELOPMENT/SERVICE FACILITIES				
PROJECT NO.:			GAS COMPRESSOR STATION				
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				
 BROOKBANK ENERGY - DESIGN & CONSTRUCTION COMPANY			 PETROBRAS DEVELOPMENT COMPANY				
DRAWING TITLE:			PAID - Instrument & Plant Air System				
SCALE	SIZE	DRAWING NO.			SHEET NO.		REV.
NS	A3	BR-025-PRD00-120-PP-PI-0016			2 OF 2		D03