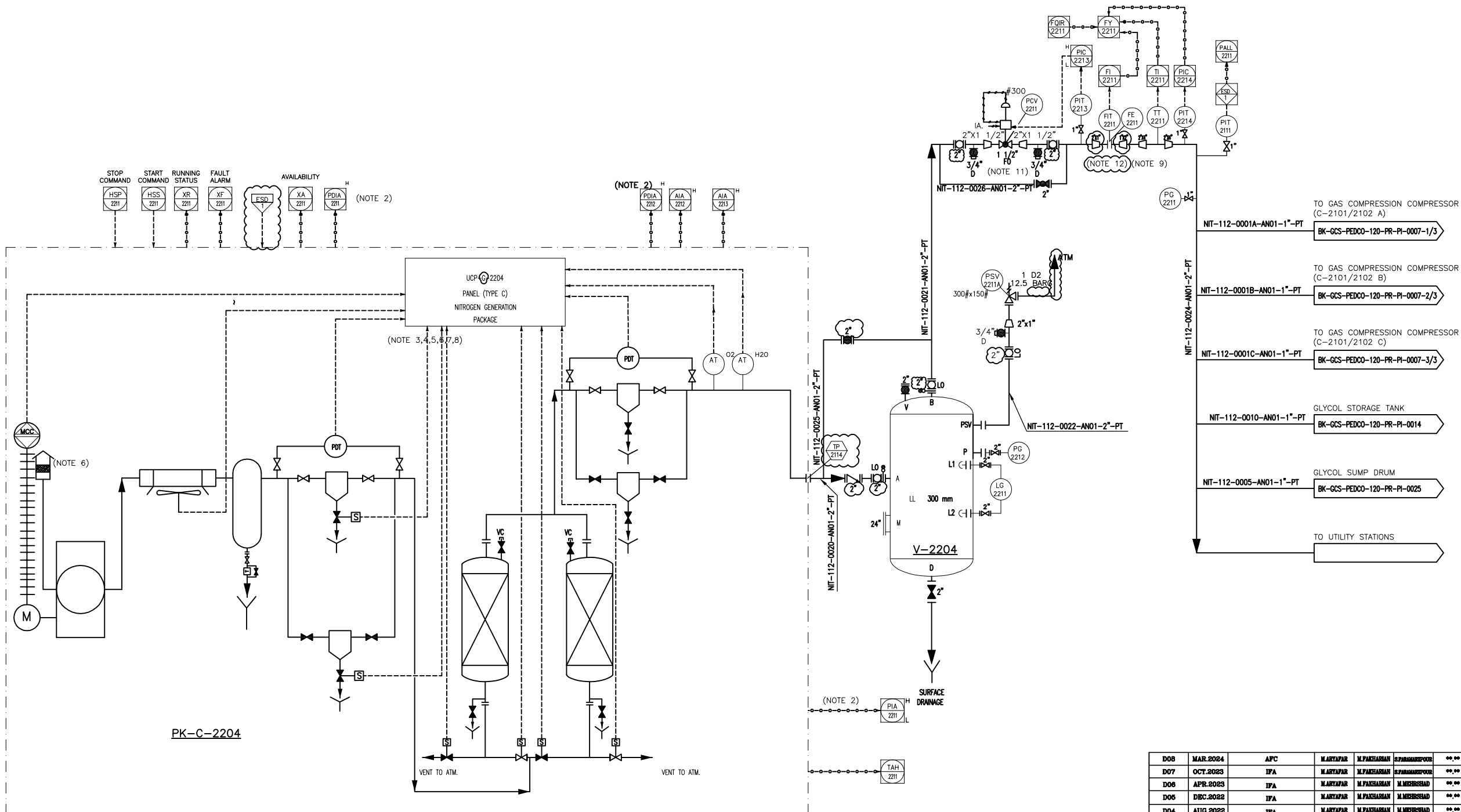


PK-C-2204
AIR COMPRESSOR PACKAGE
DESIGN CAPACITY (DRY BASIS) : 124 Nm³/hr
DESIGN PRESS. : 12.5 barg

PK-G-2204
NITROGEN PACKAGE
DESIGN CAPACITY : 34 Nm³/hr
DESIGN PRESS. : 12.5 barg

V-2204
NITROGEN RECEIVER
DIMENSION (ID X TL-TL) : 1050 X 3150 mm
DESIGN TEMP. : 85 °C
DESIGN PRESS. : 12.5 barg
TRIM LINE : TRM-V-2204-0501-AN01-PT



- NOTES
- 1- DELETED.
 - 2- PACKAGE OUTPUT PRESSURE SIGNAL.
 - 3- DETAILS INSIDE NITROGEN GENERATION PACKAGE SHALL BE FINALIZED BY VENDOR.
 - 4- SIGNALS TO BE FINALIZED BY VENDOR.
 - 5- VENDOR SHALL CONSIDER ONE TIE-IN POINT FOR DRAINS & ONE TIE-IN POINT FOR VENTS.
 - 6- DELETED.
 - 7- ALL EQUIPMENT AND INSTRUMENTATION INSIDE PACKAGE ARE IN THE VENDOR SCOPE OF WORK. UNIT CONTROL PANEL (PLC BASED) FOR PACKAGE FOR TYPE C LOCATED IN CONTROL ROOM SHALL BE CONSIDERED AS PER SPECIFICATION.
 - 8- MOTOR STARTER SHALL BE CONSIDERED IN LOCAL CONTROL PANEL ON PACKAGE SKID BY MANUFACTURER
 - 9- LINE SHALL BE EXPANDED TO 4" FOR THERMOWELL INSTALLATION
 - 10- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.
 - 11- CONTROL VALVE SIZING SHALL BE FINALIZED BASE ON VENDOR CALCULATION.
 - 12- UPSTREAM AND DOWN STREAM STRAIGHT PIPES IS CONSIDERED 2D AND 5D, RESPECTIVELY.

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

D08	MAR.2024	APC	MARYAPAR	M.PAKHSHAN	S.PAKHSHAN	00.00
D07	OCT.2023	IFA	MARYAPAR	M.PAKHSHAN	S.PAKHSHAN	00.00
D06	APR.2023	IFA	MARYAPAR	M.PAKHSHAN	M.MEHRSHAD	00.00
D05	DEC.2022	IFA	MARYAPAR	M.PAKHSHAN	M.MEHRSHAD	00.00
D04	AUG.2022	IFA	MARYAPAR	M.PAKHSHAN	M.MEHRSHAD	00.00
D03	JUN.2022	IFA	MARYAPAR	M.PAKHSHAN	M.MEHRSHAD	00.00
D02	MAR.2022	IFA	MARYAPAR	M.PAKHSHAN	M.MEHRSHAD	00.00
D01	JAN.2022	IPC	MARYAPAR	M.PAKHSHAN	M.MEHRSHAD	00.00
D00	OCT.2021	IPC	MARYAPAR	M.PAKHSHAN	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:	HIRGAN ENERGY
EPD/EPC CONTRACTOR (GC):	PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE:		P&ID - NITROGEN GENERATION SYSTEM		
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV
NS	A3	BK-CGS-PEDCO-120-PR-PI-0016	1 OF 1	D08

REV.	DESCRIPTION	BY	DATE	BY	DATE
REV.	DESCRIPTION	CHECKED	REV.	APPR.	
اخذ و کلیه نسخ این نقشه و جزئیات منطبق به شرکت ملی مناطق نفت خیز جنوب میباشند.					
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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
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APPROVED FOR CONSTRUCTION		BY:	DATE:		