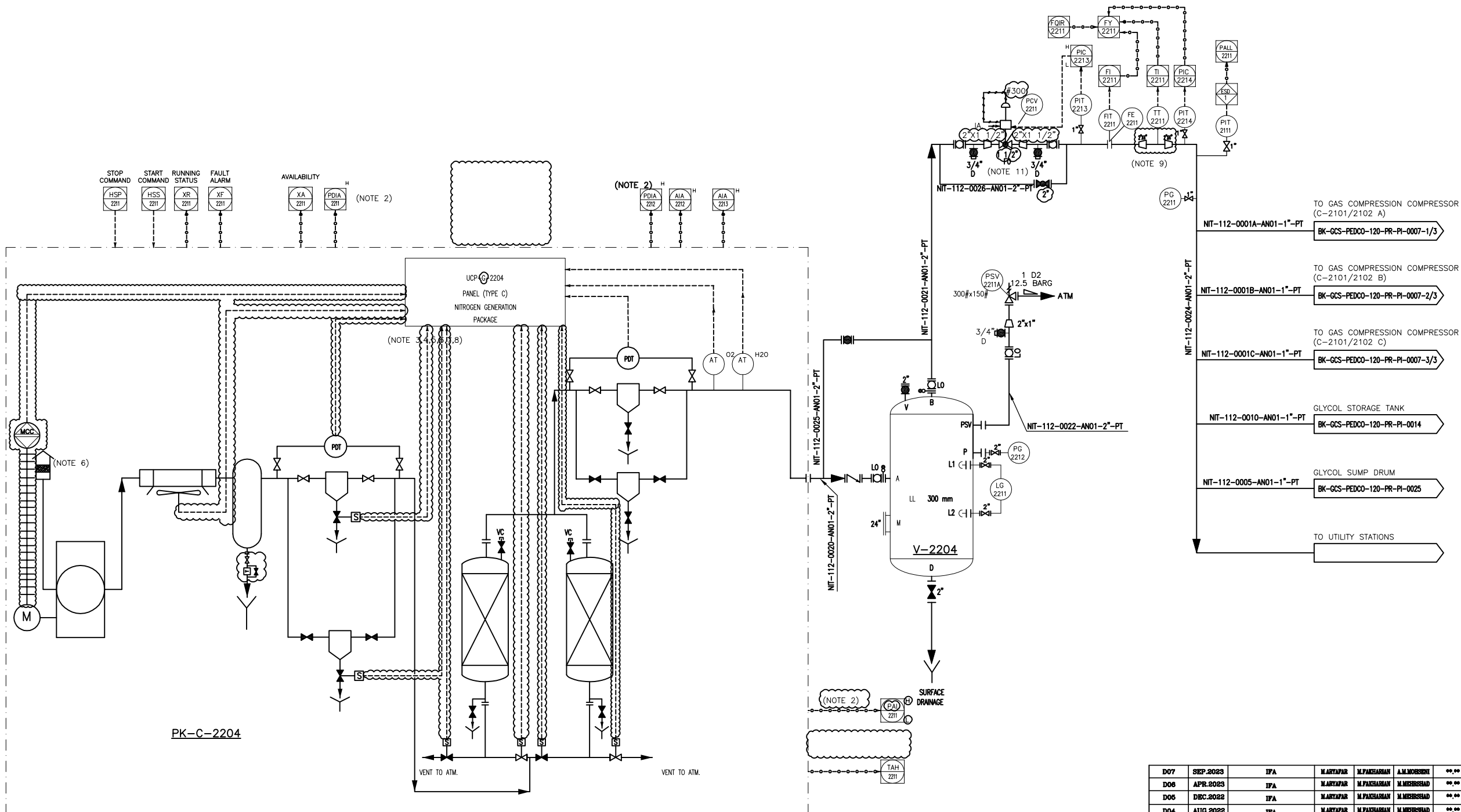


PK-C-2204
AIR COMPRESSOR PACKAGE
DESIGN CAPACITY (DRY BASIS) : 124 Nm³/hr
DESIGN PRESS. : 12.5 barg

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.

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

D07	SEP.2023	IFA	MARYAPAR	M.PAKHMAN	A.M.MORSENI	**.**
D06	APR.2023	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	**.**
D05	DEC.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	**.**
D04	AUG.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	**.**
D03	JUN.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	**.**
D02	MAR.2022	IFA	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	**.**
D01	JAN.2022	IPC	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	**.**
D00	OCT.2021	IPC	MARYAPAR	M.PAKHMAN	M.MEHRSHAD	**.**
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	D07

REV.	DESCRIPTION	BY	DATE	BY	DATE
REV.	DESCRIPTION	CHECKED	DATE	REV.	DATE
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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION		BY:	DATE:		
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET REVISION
053-073-0184	F	2	A	708794	1 OF 1 D07