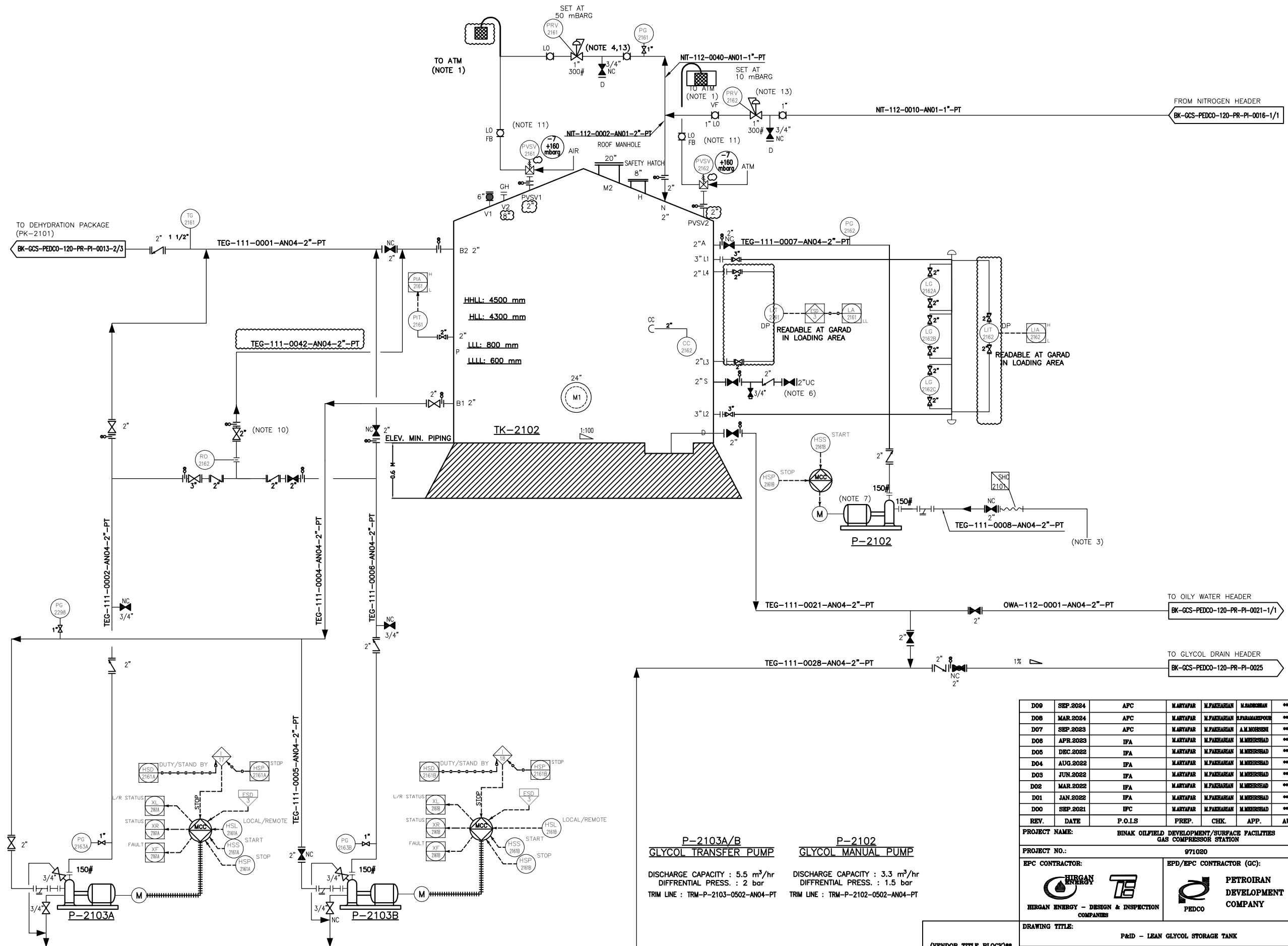


TK-2102
LEAN GLYCOL STORAGE TANK
DIMENSIONS (ID X TL-TL) : 4000 X 5000 mm (NOTE 8)
DESIGN TEMP. : 85 °C
DESIGN PRESS. : FULL OF LIQUID + 160 mbarg / -7 mbarg
TRIM LINE : TRM-TK-2102-0501-AN01-PT
TRIM LINE : TRM-TK-2102-0502-AN04-PT



- NOTES**
- 1- VENT TO ATMOSPHERE AT SAFE LOCATION FOR PERSONNEL PROTECTION.
 - 2- MIN. FLOW RECYCLE.
 - 3- BARREL DIP PIPE FOR LOADING OF FRESH GLYCOL.
 - 4- GAS-BLANKETING SYSTEM WAS SIZED FOR WORST CASE OF PUMPING IN/OUT OF TANK.
 - 5- DRAIN DURING TANK MAINTENANCE.
 - 6- PURGE CONNECTION.
 - 7- TEG MANUAL PUMP FOR GLYCOL LOADING.
 - 8- TANK DIMENSION WILL BE FINALIZED AFTER RECEIVING DEHYDRATION PACKAGE VENDOR DATA.
 - 9- DELETED.
 - 10- MINIMUM FLOW RECYCLE.
 - 11- PVS SHALL BE CALCULATED AND PROVIDED BY TANK VENDOR.
 - 12- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.
 - 13- CONTROL VALVE SIZING WILL BE FINALIZED BY VENDOR.
 - 14- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER, AND ALL VENT LINES CONNECTED TO THE FLARE HEADER.

LEGEND

V: BY TANK VENDOR

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GCS-PEDCO-120-PR-PF-0001
Symbol & Legend For PFD and P&ID	BK-GCS-PEDCO-120-PR-PI-0001

KEY PLAN

REV.	DATE	DESCRIPTION	CHECKED	BY	DATE	BY	DATE
D09	SEP.2024	APC	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	
D08	MAR.2024	APC	MARTAPAR	M.PAKHARIAN	S.PARMAKPOUR	00.00	
D07	SEP.2023	APC	MARTAPAR	M.PAKHARIAN	A.M.MOHRSHAD	00.00	
D06	APR.2023	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	
D05	DEC.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	
D04	AUG.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	
D03	JUN.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	
D02	MAR.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	
D01	JAN.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	
D00	SEP.2021	IPC	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00	

P-2103A/B
GLYCOL TRANSFER PUMP
DISCHARGE CAPACITY : 5.5 m³/hr
DIFFERENTIAL PRESS. : 2 bar
TRIM LINE : TRM-P-2103-0502-AN04-PT

P-2102
GLYCOL MANUAL PUMP
DISCHARGE CAPACITY : 3.3 m³/hr
DIFFERENTIAL PRESS. : 1.5 bar
TRIM LINE : TRM-P-2102-0502-AN04-PT

D09	SEP.2024	APC	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D08	MAR.2024	APC	MARTAPAR	M.PAKHARIAN	S.PARMAKPOUR	00.00
D07	SEP.2023	APC	MARTAPAR	M.PAKHARIAN	A.M.MOHRSHAD	00.00
D06	APR.2023	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D05	DEC.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D04	AUG.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D03	JUN.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D02	MAR.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D01	JAN.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D00	SEP.2021	IPC	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D09	SEP.2024	APC	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D08	MAR.2024	APC	MARTAPAR	M.PAKHARIAN	S.PARMAKPOUR	00.00
D07	SEP.2023	APC	MARTAPAR	M.PAKHARIAN	A.M.MOHRSHAD	00.00
D06	APR.2023	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D05	DEC.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D04	AUG.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D03	JUN.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D02	MAR.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D01	JAN.2022	IPA	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	00.00
D00	SEP.2021	IPC	MARTAPAR	M.PAKHARIAN	M.MOHRSHAD	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 - LEAN GLYCOL STORAGE TANK

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE: 708792

BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

NS AS BK-GCS-PEDCO-120-PR-PI-0014 1 OF 1 D09 053-073-9184 F 2 A 708792 1 OF 1 D09