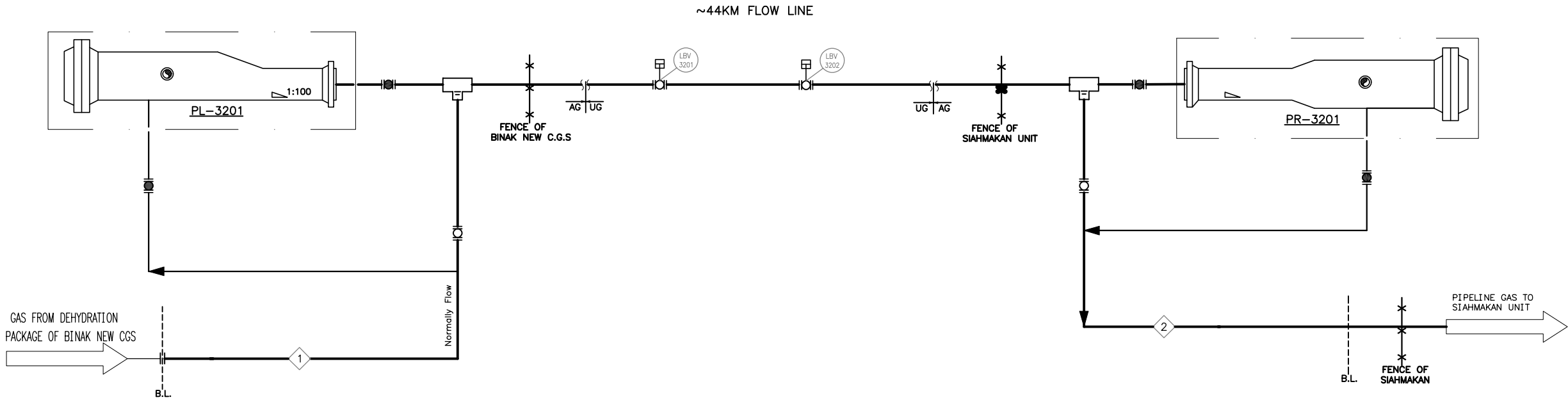


PL-3201
PIG LAUNCHER
OPERATING TEMP(SUM/WIN). : 58.30/57.74 °C
OPERATING PRESS(SUM/WIN). : 50.90/49.40 BARG

PR-3201
PIG RECEIVER
OPERATING TEMP(SUM/WIN). : 31.30/15.00 °C
OPERATING PRESS(SUM/WIN). : 40 BARG



Name	GAS-SUMMER		GAS-WINTER	
Stream No.	1	2	1	2
Vapour Fraction	1.00	0.98	1.00	1.00
Temperature [C]	58.30	31.30	57.74	15.00
Pressure [barg]	50.90	40.00	49.40	40.00
Molecular Weight	24.58	24.58	21.56	21.56
Molar Flow [MMSCFD]	14.03	14.03	14.07	14.07
Mass Flow [kg/h]	17170.81	17170.81	15105.23	15105.23
Liq Vol Flow @Std Cond [barrel/day]	2480499.03	2480499.03	2490565.89	2490565.89
Mass Density [kg/m3]	55.82	49.09	45.13	44.39
Viscosity [cP]	0.01	0.01	0.01	0.01
Master Comp Mole Frac (H2S)	0.053973	0.053973	0.046603	0.046603
Master Comp Mole Frac (N2)	0.003017	0.003017	0.003115	0.003115
Master Comp Mole Frac (CO2)	0.031898	0.031898	0.025261	0.025261
Master Comp Mole Frac (Methane)	0.646060	0.646060	0.742925	0.742925
Master Comp Mole Frac (Ethane)	0.139039	0.139039	0.114718	0.114718
Master Comp Mole Frac (Propane)	0.078135	0.078135	0.047542	0.047542
Master Comp Mole Frac (i-Butane)	0.008454	0.008454	0.003941	0.003941
Master Comp Mole Frac (n-Butane)	0.018787	0.018787	0.008157	0.008157
Master Comp Mole Frac (i-Pentane)	0.006999	0.006999	0.003056	0.003056
Master Comp Mole Frac (n-Pentane)	0.003810	0.003810	0.001453	0.001453
Master Comp Mole Frac (n-Hexane)	0.006623	0.006623	0.002234	0.002234
Master Comp Mole Frac (n-Heptane)	0.001979	0.001979	0.000545	0.000545
Master Comp Mole Frac (n-Octane)	0.000603	0.000603	0.000150	0.000150
Master Comp Mole Frac (n-Nonane)	0.000300	0.000300	0.000071	0.000071
Master Comp Mole Frac (n-Decane)	0.000100	0.000100	0.000000	0.000000
Master Comp Mole Frac (n-C11)	0.000000	0.000000	0.000000	0.000000
Master Comp Mole Frac (H2O)	0.000222	0.000222	0.000230	0.000230
Master Comp Mole Frac (TEGlycol)	0.000000	0.000000	0.000000	0.000000

NOTES

1- LBV-3201 AND LBV-3202 SHALL BE INSTALLED AT 28.4 KM AND 28.6 KM RESPECTIVELY.

LEGEND

REFERENCE DRAWING	DRG. No.
Symbol & Legend For PFD and P&ID	BK-PPL-PEDCO-320-PR-PF-0001
Process Flow Diagram (PFD)	BK-GCS-PEDCO-120-PR-PF-0001
Pipeline Hydraulic Calculation Report	BK-PPL-PEDCO-320-PR-RT-0001

KEY PLAN

D05	APR.2025	APC	MARYAPAR	M.PAKHARIAN	M.PARAKHOSPOOR	00.00
D04	DEC.2022	APC	MARYAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D03	SEP.2022	APC	MARYAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D02	APR.2022	IPA	MARYAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D01	JAN.2022	IPA	MARYAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00
D00	NOV.2021	IPC	MARYAPAR	M.PAKHARIAN	M.MEHRSHAD	00.00

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS & OIL-CONDENSATE PIPELINES						
PROJECT NO.: 971020						

EPC CONTRACTOR:  HURGAN ENERGY - DESIGN & INSPECTION COMPANIES	EPD/EPC CONTRACTOR (GC):  PETROIRAN DEVELOPMENT COMPANY
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DRAWING TITLE: PROCESS FLOW DIAGRAM FOR PIPELINES						
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION
*****	A3	BK-PPL-PEDCO-320-PR-PF-0001	1 OF 2	D05	053-073-9184	F

اصل و کليه نسخ اين نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خيز جنوب مي باشد.
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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS & OIL-CONDENSATE PIPELINES					
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
053-073-9184	F	2	A	708529	1 OF 2 D05

(VENDOR TITLE BLOCK)**

