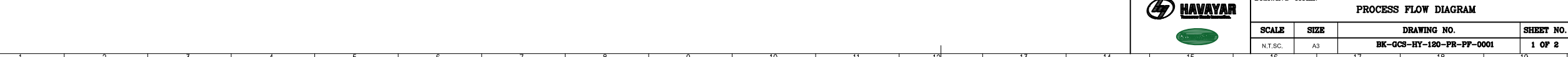


Note :

1. 2+1 TRAIN IS CONSIDERED.
2. TRAIN "B" , "C" ARE THE SAME AS TRAIN "A" .
3. TRAIN "C" IS STAND BY.

	P
	F
	J
	K
	L



16	17	18	19	20	21	22	AS
					Software	Autocad	File No BK-GCS-HY-120-PR-PF-0001-V03.

SUMMER CASE											
STREAM NO.	UNIT	01	02	03	04	05	06	07	08	09	10
VAPOR FRACTION		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TEMPERATURE	°C	36.9	36.9	36.8	129	60	59.9	148	60	60	59.9
PRESSURE	BARG	5.1	5.1	4.9	17.9	17.2	17	54.8	54.1	54.1	53.9
MASS FLOW	KG/H	17833	8664	8664	8664	8664	8664	8664	8664	17327	17252
COMPOSITION (MOLE FRACTION)											
H2O		0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0103	0.0045
CO2		0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0318
H2S		0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0544
METHANE		0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6389	0.6427
ETHANE		0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1375	0.1383
PROPANE		0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0773	0.0778
i-BUTANE		0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084
n-BUTANE		0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0186	0.0187
i-PENTANE		0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
n-PENTANE		0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038
n-HEXANE		0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0066
n-HEPTANE		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
n-OCTANE		0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
n-NONANE		0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
n-DECANE		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
NITROGEN		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003

WINTER CASE											
STREAM NO.	UNIT	01	02	03	04	05	06	07	08	09	10
VAPOR FRACTION		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TEMPERATURE	°C	19	19	18.9	116	60	59.9	149.03	60	60	59.9
PRESSURE	BARG	5.1	5.1	4.9	17.9	17.2	17	54.8	54.1	54.1	53.9
MASS FLOW	KG/H	15677	7585	7585	7585	7585	7585	7585	7585	15171	15171
COMPOSITION (MOLE FRACTION)											
H2O		0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036
CO2		0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252	0.0252
H2S		0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471	0.0471
METHANE		0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398	0.7398
ETHANE		0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143
PROPANE		0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474
i-BUTANE		0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
n-BUTANE		0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081	0.0081
i-PENTANE		0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
n-PENTANE		0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
n-HEXANE		0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
n-HEPTANE		0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
n-OCTANE		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
n-NONANE		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
n-DECANE		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NITROGEN		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003

V03	FEB 2024	IFI	HAVAYAR CO.	M.FAKHARIAN	S. FARAMARZPOUR		
V02	NOV 2023	IFI	HAVAYAR CO.	M.FAKHARIAN	S. FARAMARZPOUR		
V01	SEP 2023	IFI	HAVAYAR CO.	M.FAKHARIAN	S. FARAMARZPOUR		
V00	MAY 2023	IFI	HAVAYAR CO.	M.FAKHARIAN	A.M. MOHSENI		
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.	
PROJECT NAME:			BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES				
PROJECT NO.:			---				
EPC CONTRACTOR:			EPC/EPD CONTRACTOR:				
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PEDCO			 PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE:							
PROCESS FLOW DIAGRAM							
SCALE	SIZE	DRAWING NO.				SHEET NO.	REV.
N.T.S.C.	A3	BK-OCS-HY-120-PR-PF-0001				2 OF 2	V03



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BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

SCALE SIZE DRAWING NO. SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

N.T.S.C. A3 BK-GCS-HY-120-PR-PF-0001 2 OF 2 V03