

HY Reply: Sincerely, it's not applicable and there is not specific hook up for instrument such as main motor temperature elements..

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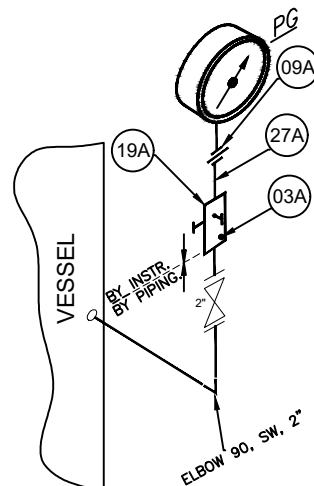


REFERENCE DRAWINGS	DWG. NUMBER
P&I DIAGRAM	BK-GCS-HY-120-PR-P1-0001-V04
INSTRUMENT DATASHEET/ CERTIFICATES	BK-GCS-HY-120-IN-GS-0001-V02

Note :

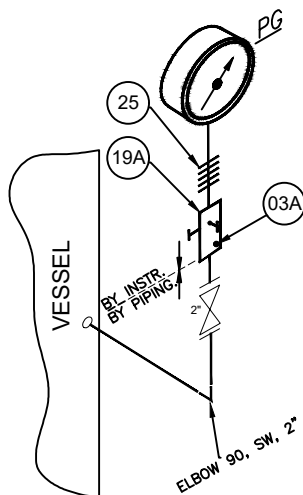
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V01	MAY 2024	IPR	HEAVYAIR Co.	M.FAKHREMAN	M.SADEGHIAN		
V00	APR 2024	IPR	HEAVYAIR Co.	M.FAKHREMAN	A.M.MOCHSINI		
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.	
PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES							
PROJECT NO.: -----							
EPC CONTRACTOR: HURGAN ENERGY - DESIGN & INSPECTION COMPANIES				EPC/EPD CONTRACTOR: PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: HOOK UP DRAWING							
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
APPROVED FOR CONSTRUCTION BY: DATE:							
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	BUDGET REV.	LOCATION
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SHEET NO. SHEET REVISION							

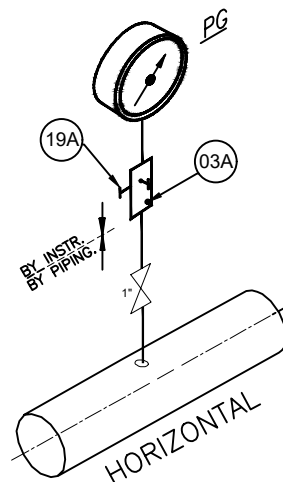


Tag Number	Quantity	REMARK
PG-2191A/B/C	3	FLUID: SOUR GAS

VES		02/08/2024		IFR		HAYKAVAR CH		M.FAKHRAHMAN		M.SADEGHIAN																																																											
VES		MAY/2024		IFR		HAYKAVAR CH		M.FAKHRAHMAN		M.SADEGHIAN																																																											
VES		APR/24		IFR		HAYKAVAR CH		M.FAKHRAHMAN		A.M.MOHEINI																																																											
REV.		DATE		P.O.I.		PREP.		CHK.		APP.		AUT.																																																									
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES																																																																			
PROJECT NO.:																																																																					
 																				EPC CONTRACTOR: PETROBRAS PETROBRAS DEVELOPMENT COMPANY										BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES																																							
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES																																																																					
DRAWING TITLE:										HOOK UP DRAWING																																																											
SCALE		SIZE		DRAWING NO.		SHEET NO.		REV.																																																													
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16		17		18		19		20																																																													
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APPROVED FOR CONSTRUCTION										BY:										DATE:																																																	
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16		17		18		19		20																																																													



Tag Number	Quantity	Remark
PG-2194A/B/C	3	FLUID: SOUR GAS



Tag Number	Quantity	Remark
PG-2205A/B/C	3	FLUID: SOUR GAS



ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY.	REMARK
19A	1	2x1/2"NPTF + 1/4"NPTF	MANIFOLD, 3 WAY 2 VALVE	#6000	AISI 316SS	6	NACE MATERIAL
25	1	1/2" NPTF x 1/2" NPTM	COOLING ELEMENT	#6000	AISI 316SS	3	NACE MATERIAL
03A	1	1/4"NPTM	HEX HEAD PLUG	#6000	AISI 316SS	6	NACE MATERIAL



REV. DATE		P.O.I.		PREP.	CHK.	APP.	AUT.
PROJECT NAME: HINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES							
EPC CONTRACTOR:				EPC/BPD CONTRACTOR:			
PROJECT NO.:							
DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.							
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
APPROVED FOR CONSTRUCTION BY: DATE:							
SCALE		DRAWING NO.		SHEET NO.		REV.	
A3		BK-OCB-HY-120-IN-DW-0007		05 OF 18		V02	
N.T.S.C.		A3		05 OF 18		V02	

REFERENCE DRAWINGS	DWG. NUMBER
P&ID DIAGRAM	BK-GCS-HY-120-PR-PI-0001-V04
INSTRUMENT DATASHEET/ CERTIFICATES	BK-GCS-HY-120-IN-DS-0001-V02

Note :

Legend :

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HINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

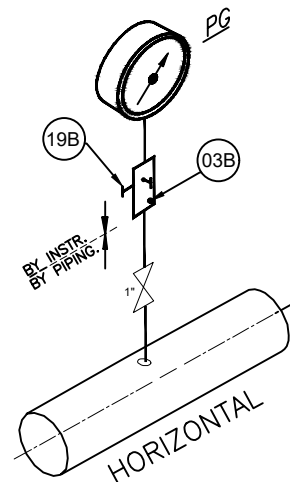
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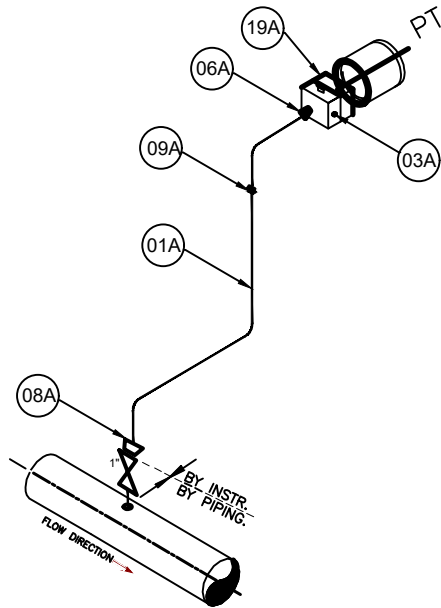
SCALE DRAWING NO. SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

N.T.S.C. A3 BK-OCB-HY-120-IN-DW-0007-05-18



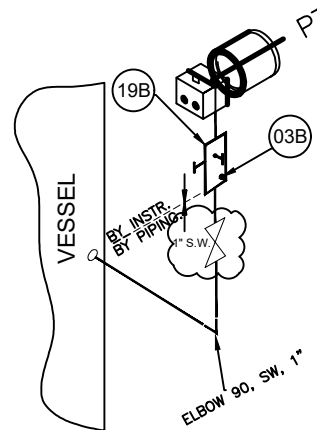
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PG-2200A/B/C	3	FLUID: AIR
PG-2201A/B/C	3	FLUID: OIL
PG-2202A/B/C	3	FLUID: OIL
PG-2204A/B/C	3	FLUID: OIL
PG-2208A/B/C	3	FLUID: WATER

											
V002 0021-2024 IFPI		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN	
V01 MAY 2024 IFPI		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN	
V05 APRIL 2024 IFPI		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN		HARGREAVES Co. PETROIRANIAN M.SADEGHIAN	
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	REV.	DATE	BY	DATE	BY	DATE
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT SURFACE WORK PACKAGES						CHECKED: _____ REV. APPR. _____					
PROJECT NO.: _____						THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPIRIGHT THEREON ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
EPC CONTRACTOR: HARGREAVES & MCWILLIAM HARGREAVES & MCWILLIAM DESIGN & INSPECTION COMPANIES						EPC/EPD CONTRACTOR: PETROIRAN DEVELOPMENT COMPANY PETROIRAN DEVELOPMENT COMPANY					
DRAWING TITLE: HOOK UP DRAWING						BINAQ OILFIELD DEVELOPMENT SURFACE WORK PACKAGES					
SCALE: N.T.S.C. A3						DATE: _____ SCALE: _____ DRAWING BY: _____ CHECKED BY: _____ PROJECT ENG.: _____					
DRAWING NO.: BK-GCS-11-120-IN-DW-0007						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
SHEET NO.: 06 OF 18						APPROVED FOR CONSTRUCTION BY: _____ DATE: _____					
REV. 1						BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION					



Tag Number	Quantity	Remark
PT-2123A/B/C	3	FLUID: SOUR GAS
PT-2124A/B/C	3	FLUID: SOUR GAS
PT-2133A/B/C	3	FLUID: SOUR GAS
PT-2132A/B/C	3	FLUID: SOUR GAS

V 02



Tag Number	Quantity	Remark
PT-2200A/B/C	3	FLUID: OIL

ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY.	REMARK
19A	1	2x1/2"NPTF + 1/4"NPTF	MANIFOLD,3 WAY 2 VALVE	#6000	ISI 316SS	12	NACE MATERIAL
08A	1	1/2" NPTFx 1/2" O.D.	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	ISI 316SS	12	NACE MATERIAL
01A	4	1/2" O.D.	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	ISI 316SS	48m	NACE MATERIAL
09A	1	1/2" O.D.	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	ISI 316SS	12	NACE MATERIAL
06A	1	1/2" NPTM x 1/2" O.D.	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	ISI 316SS	12	NACE MATERIAL
03A	1	1/4"NPTM	HEX HEAD PLUG	#6000	ISI 316SS	12	NACE MATERIAL
19B	1	2x1/2"NPTF + 1/4"	MANIFOLD,3 WAY 2 VALVE	#6000	ISI 316SS	3	-
03B	1	1/4"NPTM	HEX HEAD PLUG	#6000	ISI 316SS	12	-

V 02

REV. DATE		P.O.I.		PREP.		CHK.		APP.		AUT.	
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT SURFACE WORK PACKAGES											
PROJECT NO.: -----											
EPC CONTRACTOR:						EPC/RPD CONTRACTOR:					
 BINAQ ENERGY - DESIGN & INSPECTION COMPANIES						 PETROIRAN DEVELOPMENT COMPANY					
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DATE		SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.			
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APPROVED FOR CONSTRUCTION				BY:				DATE:			
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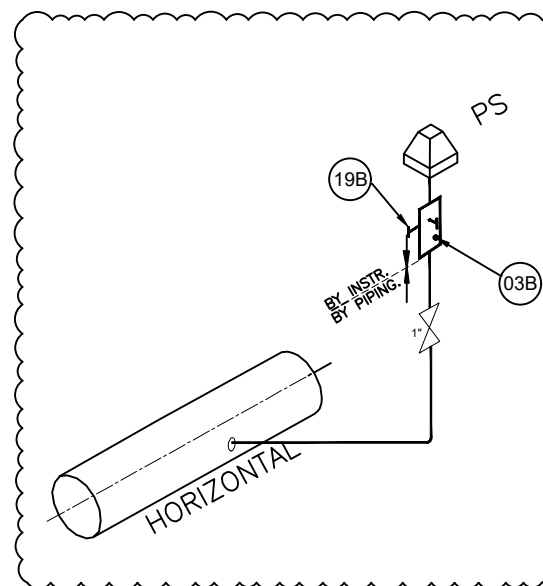
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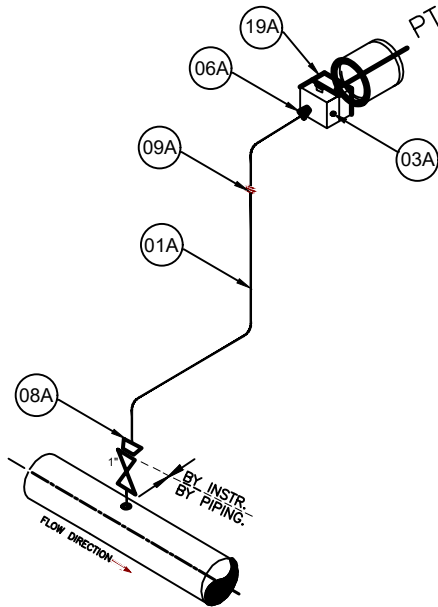
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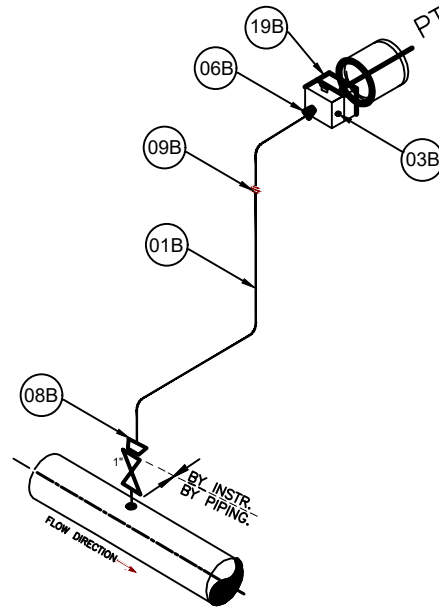


Tag Number	Quantity	Remark
PS-2204A/B/C	3	FLUID: OIL
PS-2220A/B/C	3	FLUID: WATER

/v 02



Tag Number	Quantity	Remark
PT-2204A/B/C	3	FLUID: SOUR GAS
PT-2211A/B/C	3	FLUID: SOUR GAS



Tag Number	Quantity	Remark
PT-2220A/B/C	3	FLUID: WATER
PT-2221A/B/C	3	FLUID: WATER
PT-2210A/B/C	3	FLUID: OIL

V 02

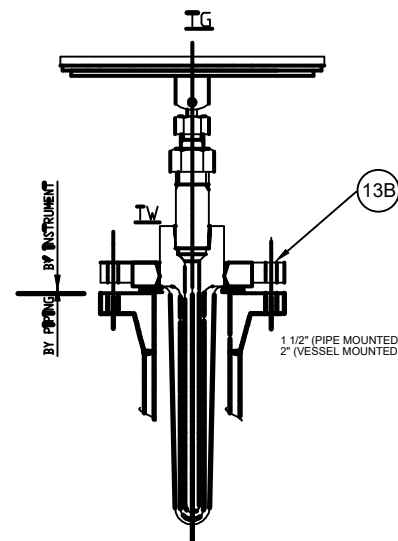
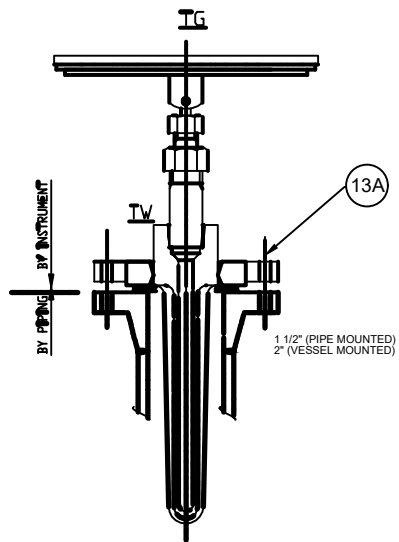
ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY.	REMARK
19A	1	2x1/2"NPTF + 1/4"NPTF	MANIFOLD,3 WAY 2 VALVE	#6000	ISI 316SS	6	-
08A	1	1/2" NPTF x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	ISI 316SS	6	-
01A	4	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	ISI 316SS	24m	-
09A	1	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	ISI 316SS	6	-
06A	1	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	ISI 316SS	6	-
03A	1	1/4"NPTM	HEX HEAD PLUG	#6000	ISI 316SS	6	-
19B	1	2x1/2"NPTF + 1/4"	MANIFOLD,3 WAY 2 VALVE	#6000	ISI 316SS	9	NACE MATERIAL
08B	1	1/2" NPTF x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	ISI 316SS	9	NACE MATERIAL
01B	4	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	ISI 316SS	36	NACE MATERIAL
09B	1	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	ISI 316SS	9	NACE MATERIAL
06B	1	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	ISI 316SS	9	NACE MATERIAL
03B	1	1/4"NPTM	HEX HEAD PLUG	#6000	ISI 316SS	9	NACE MATERIAL

STANDARD	REV. NUMBER
P&ID DIAGRAM	REV. 001
INSTRUMENT DATASHEET / CERTIFICATES	REV. 001

Note :

Legend :

REV. 001		OCT 2024		BY: [Signature]	DATE: [Date]
REV. 002		MAY 2024		BY: [Signature]	DATE: [Date]
REV. 003		APR 2024		BY: [Signature]	DATE: [Date]
REV. 004		APR 2024		BY: [Signature]	DATE: [Date]
REV. 005		APR 2024		BY: [Signature]	DATE: [Date]
REV. 006		APR 2024		BY: [Signature]	DATE: [Date]
REV. 007		APR 2024		BY: [Signature]	DATE: [Date]
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REV. 100		APR 2024		BY: [Signature]	DATE: [Date]



Tag Number	Quantity	REMARK
TG-2210A/B/C	3	PIPE MOUNTED / FLUID: SOUR GAS
TG-2211A/B/C	3	PIPE MOUNTED / FLUID: SOUR GAS
TG-2190A/B/C	3	VESSEL MOUNTED / FLUID: SOUR GAS
TG-2193A/B/C	3	VESSEL MOUNTED / FLUID: SOUR GAS

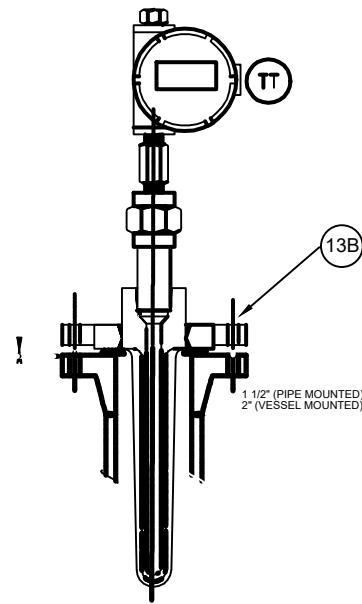
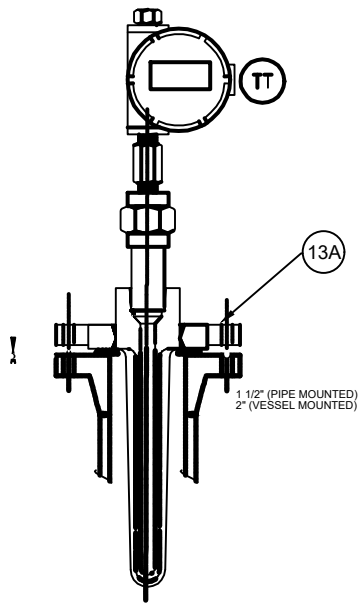
V 02

Tag Number	Quantity	REMARK
TG-2204A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2205A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2206A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2221A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2215A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2216A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2212A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2213A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2214A/B/C	3	PIPE MOUNTED / FLUID: WATER
TG-2217A/B/C	3	VESSEL MOUNTED / FLUID: SOUR GAS

V 02

ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	MATERIAL	TOTAL QTY.	REMARK
13A	1	1/2"NPTF x1/2"NPTF	THERMOWELL	AISI 316SS	15	NACE MATERIAL
13B	1	1/2"NPTF x1/2"NPTF	THERMOWELL	AISI 316SS	30	-

REFERENCE DRAWING		DWG. NUMBER	
P&I DIAGRAM		BK-GCS-HY-120-PR-PL-0001-V04	
INSTRUMENT DATASHEET/ CERTIFICATES		BK-GCS-HY-120-IN-DS-0001-V02	
Note :			
Legend :			
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREON ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES EPC CONTRACTOR: IRANIAN PETROIRAN DEVELOPMENT COMPANY EPC/EPD CONTRACTOR: IRANIAN PETROIRAN DEVELOPMENT COMPANY DRAWING TITLE: HOOK UP DRAWING SCALE: A3 SIZE: 16 DRAWING NO.: BK-GCS-HY-120-IN-DW-0007 SHEET NO.: 10 OF 19 REV.: V02 BUDGET REF.: 21 LOCATION: 22 SIZE CLASS: 22 SERIAL NO.: 22 SHEET REVISION: 22			



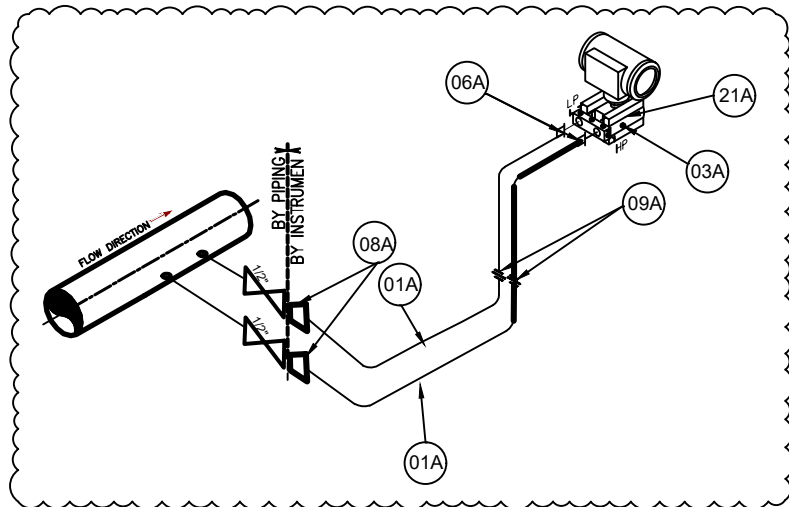
Tag Number	Quantity	REMARK
TT-2122A/B/C	3	FLUID: SOUR GAS
TT-2123A/B/C	3	FLUID: SOUR GAS
TT-2132A/B/C	3	FLUID: SOUR GAS
TT-2133A/B/C	3	FLUID: SOUR GAS
TT-2191A/B/C	3	FLUID: SOUR GAS
TT-2194A/B/C	3	FLUID: SOUR GAS

V 02

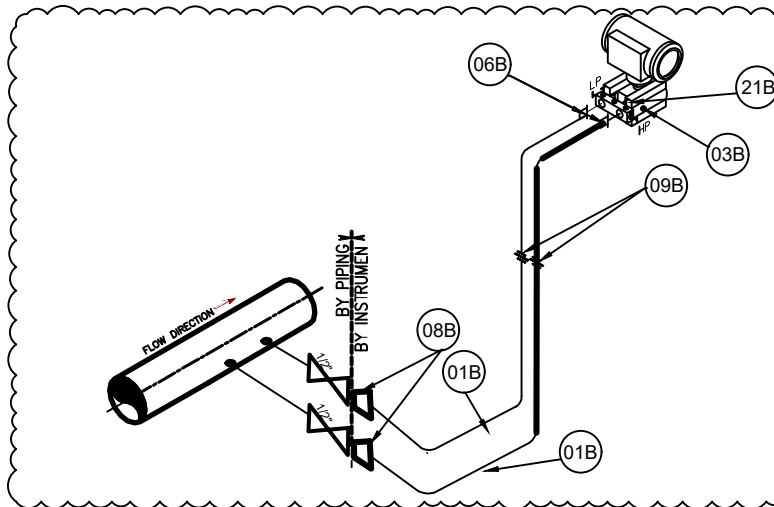
Tag Number	Quantity	REMARK
TT-2204A/B/C	3	FLUID: OIL
TT-2203A/B/C	3	FLUID: OIL
TT-2213A/B/C	3	FLUID: WATER
TT-2214A/B/C	3	-
TT-2215A/B/C	3	-
TT-2216A/B/C	3	-
TT-2217A/B/C	3	-
TT-2218A/B/C	3	-
TT-2219A/B/C	3	-
TT-2220A/B/C	3	-

ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	MATERIAL	TOTAL QTY.	REMARK
13A	1	1/2"NPTF x1/2"NPTF	18	SI 316SS	6	NACE MATERIAL
13B	1	1/2"NPTF x1/2"NPTF	30	SI 316SS	3	-

REV. DATE P.O.L. PREP. CHK. APP. AUT.		REV. DESCRIPTION		BY DATE	BY DATE
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT SURFACE WORK PACKAGES		THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREON ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS			
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		EPC/EPD CONTRACTOR: PETROIRAN DEVELOPMENT COMPANY		BINAQ OILFIELD DEVELOPMENT SURFACE WORK PACKAGES	
DRAWING TITLE: HOOK UP DRAWING		DATE SCALE		DRAWING BY CHECKED BY PROJECT ENG.	
SCALE: N.T.S.C. A3		DRAWING NO. BK-OCB-HY-120-IN-DW-0007		SHEET NO. 11 OF 18	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		APPROVED FOR CONSTRUCTION		DATE	
BUDGET REF. LOCATION SIZE CLASS		SERIAL NO.		SHEET REVISION	



Tag Number	Quantity	REMARK
PDT-2122A/B/C	3	FLUID: SOUR GAS
PDT-2132A/B/C	3	FLUID: SOUR GAS



Tag Number	Quantity	REMARK
PDT-2204A/B/C	3	FLUID: OIL



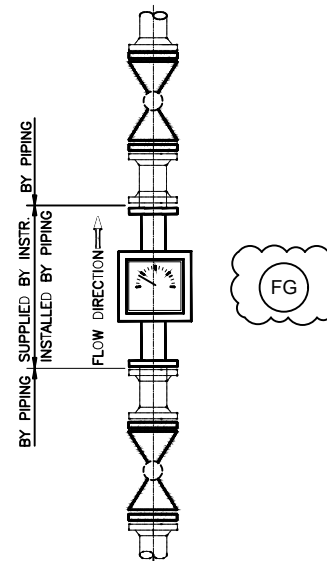
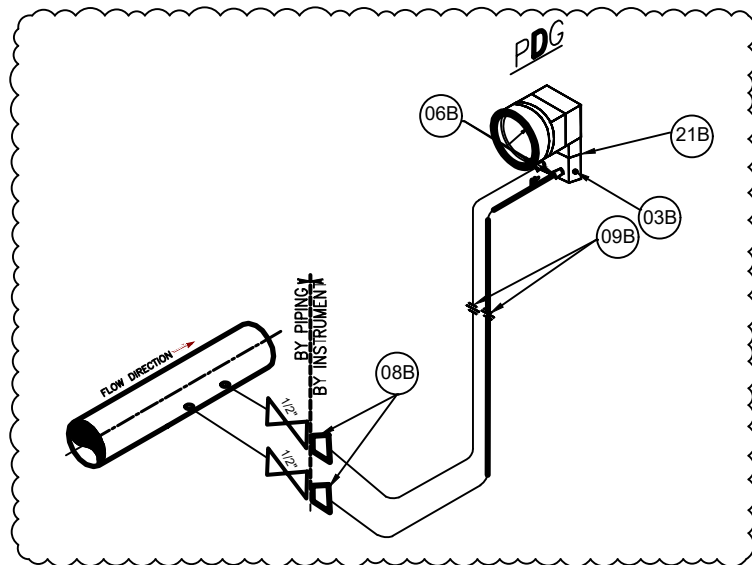
ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY.	REMARK
21A	1	2x1/2"NPTF + 1/4"	MANIFOLD, 5 WAY 3 VALVE	#6000	AISI 316SS	6	NACE MATERIAL
08A	2	1/2" NPTF x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	AISI 316SS	12	NACE MATERIAL
01A	8	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	48	NACE MATERIAL
09A	2	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	12	NACE MATERIAL
06A	2	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	AISI 316SS	12	NACE MATERIAL
03A	1	1/4"NPTM	HEX HEAD PLUG	#6000	AISI 316SS	6	NACE MATERIAL
21B	1	2x1/2"NPTF + 1/4"	MANIFOLD, 5 WAY 3 VALVE	#6000	AISI 316SS	3	-
08B	2	1/2" NPTF x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	AISI 316SS	6	-
01B	8	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	24	-
09B	2	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	6	-
06B	2	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	AISI 316SS	6	-
03B	1	1/4"NPTM	HEX HEAD PLUG	#6000	AISI 316SS	3	-

REFERENCE DRAWINGS	DWG. NUMBER
P&ID DIAGRAM	BK-GCS-HY-120-PR-001-V04
INSTRUMENT DATASHEET/ CERTIFICATES	BK-GCS-HY-120-IN-DS-0001-V02

Note :

Legend :

REV. DATE		P.O.L.		PREP. CHK. APP. AUT.		REV. DESCRIPTION		BY DATE		BY DATE	
102 OCT 2024		JPR		MAYANVAR CO. M.F.AKHARABAN M.SADEGHIAN							
101 MAY 2024		JPR		MAYANVAR CO. M.F.AKHARABAN M.SADEGHIAN							
100 APR 2024		JPR		MAYANVAR CO. M.F.AKHARABAN A.M.MOHSENI							
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT SURFACE WORK PACKAGES						THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREON ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANY						SINK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES					
EPC/EPD CONTRACTOR: PETROIRAN DEVELOPMENT COMPANY											
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	
12		13		14		15		16		17	



Tag Number	Quantity	REMARK
PDG-2200A/B/C	3	FLUID: OIL
PDG-2204A/B/C	3	FLUID: OIL
PDG-2205A/B/C	3	FLUID: WATER
PDG-2206A/B/C	3	FLUID: WATER



Tag Number	Quantity	REMARK
FI-2200A/B/C	3	FLUID: GAS(N2)
FI-2201A/B/C	3	FLUID: GAS(N2)
FI-2202A/B/C	3	FLUID: GAS(N2)
FI-2203A/B/C	3	FLUID: GAS(N2)

ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY.	REMARK
21B	1	2x1/2"NPTF x 1/4"NPTF	MANIFOLD, 5 WAY 3 VALVE	#6000	AISI 316SS	12	-
08B	2	1/2" NPTF x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	AISI 316SS	24	-
01B	8	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	96	-
09B	2	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	24	-
06B	2	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	AISI 316SS	24	-
03B	1	1/4"NPTM	HEX HEAD PLUG	#6000	AISI 316SS	12	-

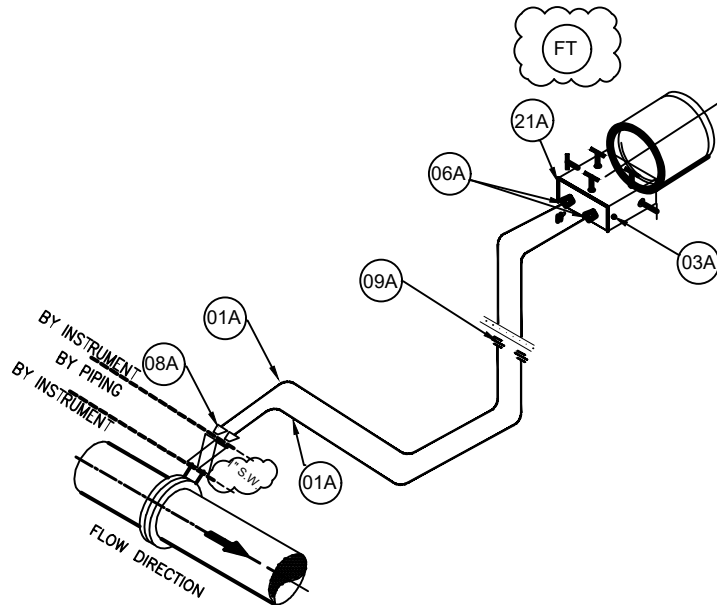
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1001 OCT 2024		1001 OCT 2024		1001 OCT 2024	
1002 MAY 2024		1002 MAY 2024		1002 MAY 2024	
1003 APR 2024		1003 APR 2024		1003 APR 2024	
REV. DATE		P.O.I.		PREP. CHK. APP. AUT.	
PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES					
PROJECT NO.:					
EPC CONTRACTOR:			EPC/RPD CONTRACTOR:		
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY		
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					
SCALE: 1:100 DRAWING NO. BK-GCS-HY-120-IN-DW-0007 SHEET NO. 13 OF 18 REV. 01					



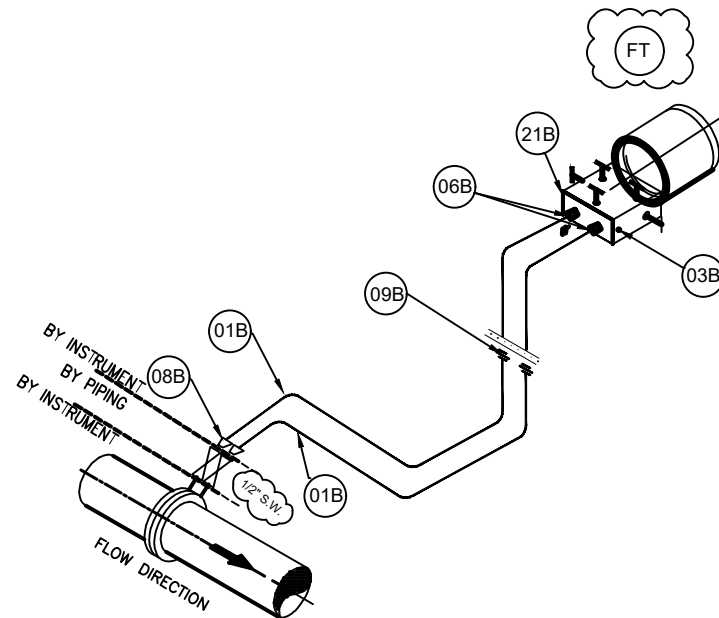
REFERENCE DRAWINGS
P&ID DIAGRAM
INSTRUMENT DATASHEET/ CERTIFICATES

Note :

Legend :



Tag Number	Quantity	REMARK
FT-2121A/B/C	3	FLUID: SOUR GAS
FT-2131A/B/C	3	FLUID: SOUR GAS



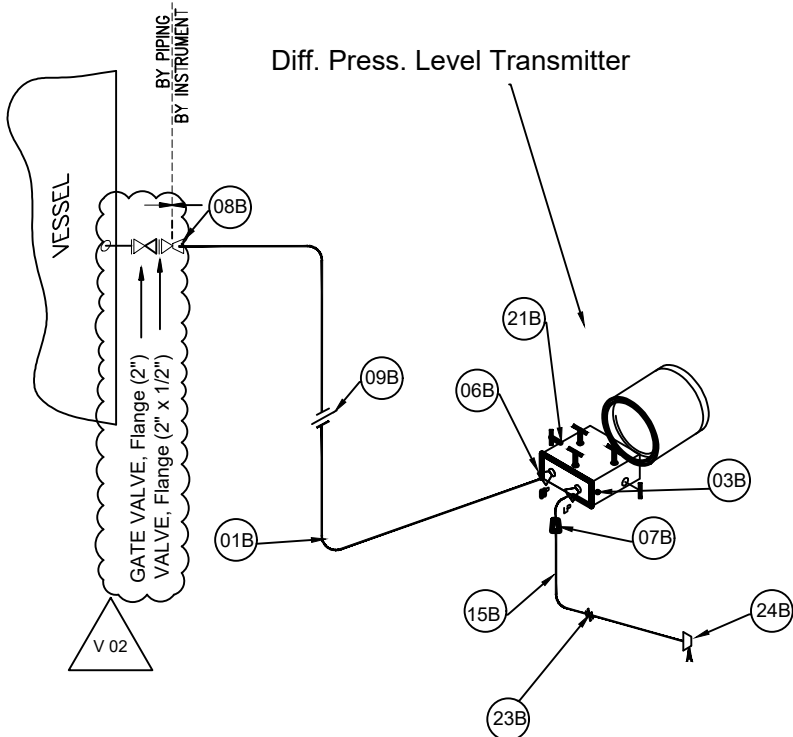
Tag Number	Quantity	REMARK
FT-2206A/B/C	3	FLUID: WATER



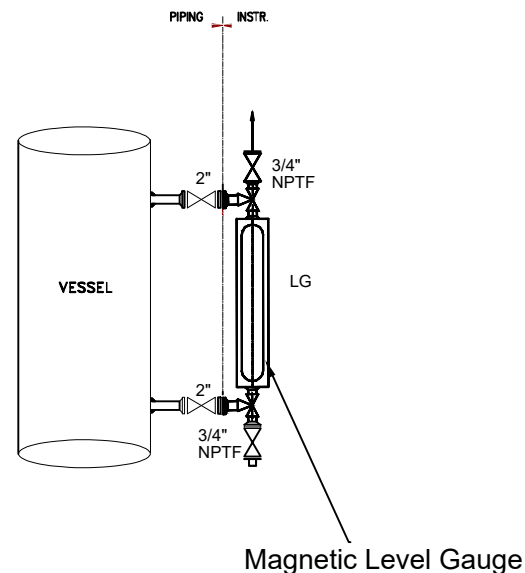
ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY.	REMARK
21A	1	2x1/2"NPTF + 1/4"NPTF	MANIFOLD, 5 WAY 3 VALVE	#6000	AISI 316SS	6	NACE MATERIAL
08A	2	1/2" NPTFx 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	AISI 316SS	12	NACE MATERIAL
01A	8	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	48	NACE MATERIAL
09A	2	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	12	NACE MATERIAL
06A	2	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	AISI 316SS	12	NACE MATERIAL
03A	1	1/4"NPTM	HEX HEAD PLUG	#6000	AISI 316SS	6	NACE MATERIAL
21B	1	2x1/2"NPTF + 1/4"	MANIFOLD, 5 WAY 3 VALVE	#6000	AISI 316SS	3	-
08B	2	1/2" NPTFx 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	AISI 316SS	6	-
01B	8	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	24	-
09B	2	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	6	-
06B	2	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	AISI 316SS	6	-
03B	1	1/4"NPTM	HEX HEAD PLUG	#6000	AISI 316SS	3	-

REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE																				
V02	OCT 2024		IFR		IFR																					
V01	MAY 2024		IFR		IFR																					
V00	APR 2024		IFR		IFR																					
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.																				
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT SURFACE WORK PACKAGES																										
PROJECT NO.: ---																										
EPC CONTRACTOR:			EPC/EPD CONTRACTOR:																							
BINAQ ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY																							
<table border="1"> <tr> <th>DATE</th><th>SCALE</th><th>DRAWING BY</th><th>CHECKED BY</th><th>PROJECT ENG.</th></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> </table>							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.															
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.																						
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED	APPROVED FOR CONSTRUCTION	BY:	DATE:																							
<table border="1"> <tr> <th>SCALE</th><th>SIZE</th><th>DRAWING NO.</th><th>SHEET NO.</th><th>REV.</th><th>BUDGET RSP.</th><th>LOCATION</th><th>SIZE CLASS</th><th>SHEET NO.</th><th>REVISION</th></tr> <tr> <td>N.T.S.C.</td><td>A3</td><td>BK-GCS-HY-120-IN-DW-0007</td><td>14 OF 18</td><td>V02</td><td></td><td></td><td></td><td></td><td></td></tr> </table>							SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET RSP.	LOCATION	SIZE CLASS	SHEET NO.	REVISION	N.T.S.C.	A3	BK-GCS-HY-120-IN-DW-0007	14 OF 18	V02					
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET RSP.	LOCATION	SIZE CLASS	SHEET NO.	REVISION																	
N.T.S.C.	A3	BK-GCS-HY-120-IN-DW-0007	14 OF 18	V02																						





Tag Number	Quantity	REMARK
LT-2213A/B/C	3	FLUID: WATER
LT-2200A/B/C	3	FLUID: WATER



Tag Number	Quantity	REMARK
LG-2213A/B/C	3	FLUID: WATER

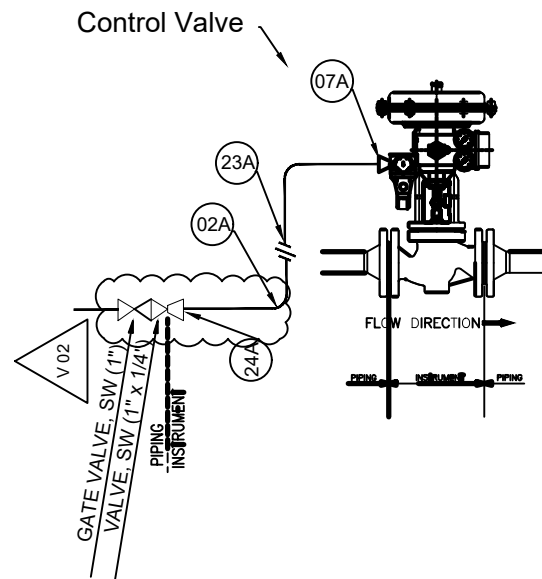
ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY.	REMARK
21B	1	2x1/2"NPTF + 1/4"	MANIFOLD, 5 WAY 3 VALVE	#6000	AISI 316SS	6	-
08B	2	1/2" NPTFx 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	AISI 316SS	12	-
01B	8m	1/2" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	48m	-
09B	2	1/2" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	12	-
06B	2	1/2" NPTM x 1/2" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	AISI 316SS	12	-
07B	1	1/4" NPTM x 1/4" O.D	DOUBLE FERRULE COMPRESSION TYPE MALE CONNECTOR	#6000	AISI 316SS	6	-
15B	3m	1/4" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.049"	#6000	AISI 316SS	18m	-
23B	1	1/4" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	6	-
24B	1	1/4" NPTFx 1/4" O.D	DOUBLE FERRULE COMPRESSION TYPE FEMALE CONNECTOR	#6000	AISI 316SS	6	-
03B	1	1/4"NPTM	HEX HEAD PLUG	#6000	AISI 316SS	6	-

REFERENCE DRAWINGS	DWG. NUMBER
P&ID DIAGRAM	BK-GCS-HY-120-PR-PA-0001-V04
INSTRUMENT DATASHEET/ CERTIFICATES	BK-GCS-HY-120-IN-DS-0001-V02

Note :

Legend :

REV.	DATE	DESCRIPTION	BY	CHECKED	DATE	BY	DATE
V02	OCT 2024		IFR	ISSUANCE	APR 2024	IFR	ISSUANCE
V01	MAY 2024		IFR	ISSUANCE	APR 2024	IFR	ISSUANCE
V00	APR 2024		IFR	ISSUANCE	APR 2024	IFR	ISSUANCE
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.	
PROJECT NAME: HINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES							
EPC CONTRACTOR:				EPC/EPD CONTRACTOR:			
HURGAN ENERGY - DESIGN & INFRACTION COMPANIES				PETROIRAN DEVELOPMENT COMPANY			
DATE				SCALE			
DRAWING BY				CHECKED BY			
PROJECT ENG.				PROJECT ENG.			
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
APPROVED FOR CONSTRUCTION				DATE			
BY				DATE			
SCALE				SIZE			
DRAWING NO.				SHEET NO.			
REV.				REV.			
BUDGET REF.				LOCATION			
SIZE CLASS				SERIAL NO.			
SHEET				REVISION			
BK-GCS-HY-120-IN-DS-0001-V02							

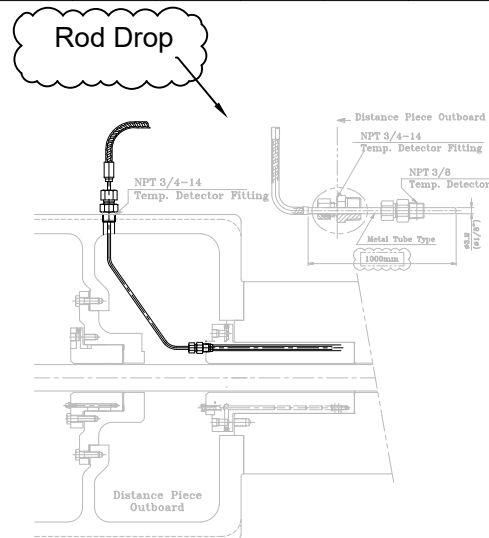


Tag Number	Quantity	REMARK
PCV-2123A/B/C	3	FLUID: SOUR GAS

ITEM	QTY	SIZE OR CONNECTION	DESCRIPTION	Rating Class	MATERIAL	TOTAL QTY	REMARK
02A	5m	1/4" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	15m	NACE MATERIAL
07A	1	1/4" NPTMx 1/4" O.D	DOUBLE FERRULE COMPRESSION TYPE NUTLE CONNECTOR	#6000	AISI 316SS	3	NACE MATERIAL
23A	1	1/4" O.D	TUBING, SEAMLESS, WALL THICKNESS 0.065"	#6000	AISI 316SS	3	NACE MATERIAL
24A	1	1/4" NPTF x 1/4" O.D	STRAIGHT UNION COMPRESSION TYPE DOUBLE FERRULE	#6000	AISI 316SS	3	NACE MATERIAL



Tag Number	Quantity	REMARK
SG-2200A	3	FLUID: WATER
SG-2201A	3	FLUID: WATER
SG-2202A	3	FLUID: WATER
SG-2203A	3	FLUID: WATER



Tag Number	Quantity	REMARK
VE-2200A	3	-
VE-2201A	3	-
VE-2202A	3	-

Tag Number	Quantity	REMARK
C-ZE-2200A	3	-
C-ZE-2201A	3	-

[illegible]

