

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث خطوط انتقال گاز/ مایعات گازی از ایستگاه تقویت فشار گاز بینک تا ایستگاه تزریق گاز سیاهمکان/ واحد بهره برداری بینک								
	DATA SHEETS FOR PIG TRAPS								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه BK	بسته کاری PPL	صادر کننده PEDCO	تسهیلات 320	رشته ME	نوع مدرک DT	سریال 0001	نسخه D01	شماره صفحه: ۱ از ۱۱

طرح نگهداشت و افزایش تولید ۲۷ مخزن

DATA SHEETS FOR PIG TRAPS

نگهداشت و افزایش تولید میدان نفتی بینک

D01	JUN.2022	IFA	H.Adineh	M.Fakharian	M.Mehrshad	
D00	DEC.2021	IFC	H.Adineh	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class: 2 CLIENT Doc. Number: F0Z-708541

status:

IDC: Inter-Discipline Check
 IFC: Issued For Comment
 IFA: Issued For Approval
 AFD: Approved For Design
 AFC: Approved For Construction
 AFP: Approved For Purchase
 AFQ: Approved For Quotation
 IFI: Issued For Information
 AB-R: As-Built for CLIENT Review
 AB-A: As-Built –Approved

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض احداث خطوط انتقال گاز/مایعات گازی از ایستگاه تقویت فشار گاز بینک تا ایستگاه تزریق گاز سیاهمکان/واحد بهره برداری بینک							 	
	DATA SHEETS FOR PIG TRAPS								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه BK	بسته کاری PPL	صادرکننده PEDCO	تسهیلات 320	رشته ME	نوع مدرک DT	سریال 0001	نسخه D01	شماره صفحه: ۱۱ از ۱۱

REVISION RECORD SHEET

Page	D00	D01	D02	D03	D04	Page	D00	D01	D02	D03	D04
1	X	X				65					
2	X	X				66					
3	X	X				67					
4	X	X				68					
5	X					69					
6	X	X				70					
7	X	X				71					
8	X	X				72					
9	X					73					
10	X	X				74					
11	X	X				75					
12						76					
13						77					
14						78					
15						79					
16						80					
17						81					
18						82					
19						83					
20						84					
21						85					
22						86					
23						87					
24						88					
25						89					
26						90					
27						91					
28						92					
29						93					
30						94					
31						95					
32						96					
33						97					
34						98					
35						99					
36						100					
37						101					
38						102					
39						103					
40						104					
41						105					
42						106					
43						107					
44						108					
45						109					
46						110					
47						111					
48						112					
49						113					
50						114					
51						115					
52						116					
53						117					
54						118					
55						119					
56						120					
57						121					
58						122					
59						123					
60						124					
61						125					
62						126					
63						127					
64						128					



NISOC

تکهداشت و افزایش تولید میدان نفتی بینک

سطح الارض

ایستگاه تزریق گاز/مابعات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاهمکان/واحد بهره برداری بینک

DATA SHEETS FOR PIG TRAPS



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادر کننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

شماره صفحه: ۱۱ از ۳

BK

PPL

PEDCO

320

ME

DT

0001

D01

Notes

- The Asterisk * denotes information and/or confirmation required from VENDOR. vendor shall calculated actual thicknesses under mechanical guarantee accordingly and Vendor should be submitted the calculation book. D01
- VENDOR/BIDDER shall be fully responsible for the complete mechanical design, supply of the Pig Trap and auxiliaries. The Pig Traps shall be supplied in accordance with the project " Specification for Pig Traps " doc. No. BK-PPL-PEDCO-320-ME-SP-0001.
- VENDOR/BIDDER shall include for the services of a Independent Verification Body for inspection and mechanical design verification of the equipment.
- For equipment requiring PWHT, final inspection and acceptance by the CLIENT or its nominated representative shall only be undertaken against NDE after PWHT.
- Two M12 earthing lugs shall be provided diametrically opposite, one on each saddle.
- Nozzle flanges shall comply with ASME B16.5. Nozzle bolt holes shall straddle the natural centrelines.
- Minimum requirement for pre-commissioning, commissioning, start up and two years operation and spare parts shall be in accordance with document E&C-QC-SP-1. D01
- Lifting Lugs shall be provided to facilitate a single point lift. If a single point lift cannot be achieved without the use of a lifting beam, then VENDOR/BIDDER shall provide a suitable, certified, lifting beam.
- Material shall be selected as related pipeline specification and the material shall be in compliance with NACE MR0175/ISO15156 and Specification For Material Requirements in Sour service Document No. BK-GNRAL-PEDCO-000-PI-SP-0008.
- Maximum Pig Trap length is limited to 15 m from end closure to minor barrel outlet due to transportation limitation.
- The Pig Traps shall be suitable for the full range of intelligent pigs currently on the market VENDOR/BIDDER shall confirm that overall length is suitable.
- Minor barrel's internal diameter shall match with pipeline internal diameter.
- End closure design shall comply with ASME Sec. VIII, Division 1, Section UG-35.2 (Quick-Actuating Closures).
- The end closure shall be provided with a locking device to prevent opening of the door when the pig trap is pressurised and failure of any part of the locking device shall leave the door closed. Suitable door switch /Status indicator flap to be considered by vendor, showing door status by signal or flap. (24VDC digital switch for pig launcher and flap indicator switch for pig receiver is required to be provided by vendor (Vendor to confirm or propose another alternative for the requirement). D01
- Intrusive type pig signalers shall be provided by Contractor for the indication of pig movement along the pipeline route.
- VENDOR/BIDDER shall specify/confirm size of required Anchor Bolts.
- All of mentioned Accessories & Attachments are in the VENDOR/BIDDER's scope of supply.
- Projection of horizontal & vertical nozzles have been specified from face of flanges to vessel tangent line and center line respectively.
- All the equipments shall be in accordance with IPS-M-PI-130(1) and "Specification For Pig Launching / Receiving Traps" Doc. No. BK-PPL-PEDCO-320-ME-SP-0001.
- The orientations of Kicker and Balance Line's nozzles shall be finalized by piping discipline later.
- Pig Traps Geometry Shall be in accordance with NIOC/OSCO standard drawing No. S-4-L-6516-B.
- Vendor shall supply mechanical interlock prevents opening of pig launcher/receiver closure while pig launcher/receiver is pressurized.
- In case of design in accordance with ASME Sec. VIII, Div. 1, pressure design shall be considered equal to maximum allowable pressure of related flanges (in related pressure and temperature) noted in ASME B16.5.
- All nozzle loads shall not be less than specified values in a "appendix n" of specification for pressure vessels Doc No.: BK-GNRAL-PEDCO-000-ME-SP-0001".
- All nozzle loads shall not be less than specified values in the "Specification For Atmospheric Above Ground Welded Steel Tanks" , Welded Steel Tanks" , Document No.: "BK-GNRAL-PEDCO-000-ME-SP-0002". D01



سطح الارض

ایستگاه تزریق گاز سیاه‌مکان/واحد بهره‌برداری بینک



شماره صفحه: ۴ از ۱۱

شماره پیمان:

• 03 - • 73 - 9184

یہ وژہ

کاری.

صادرکننده	
-----------	--

تسهيلات	
---------	--

رشته

ع مدرک

یہاں

--	--

نسخه

[illegible]

DATA SHEETS FOR PIG LAUNCHER (PL-3201) /SHEET 1 OF 4

1		Description :												
2		Tag No.		:	PL - 3201	Quantity		1	Set					
3		Type		:	Pig Launcher									
4		Line No.		:	GAS-113-0005-FN27-8"-PT									
5		Fluid Characteristics												
6		Fluid Handled		NATURAL GAS										
7		Fluid Density		41.5			H ₂ S % mol		0.054					
8		Toxic		YES			Sour		YES					
9		Corrosive/Erosive		YES	Due to				Hazardous Area		Hazardous Area "Zone 2, IIB, T3"			
10														
11		Operating & Design Condition												
12	D01	Operating Temp.		57.7~58.3			°C		Operating Pressure		49.4~50.9	barg	D01	
13	D01	Design Temp.		5~85			°C		Design Pressure		62	barg	D01	
14	D01	Ambient Temp.		5~50			°C		MDMT		5	°C	D01	
15	D01	Wind Design		120			Km / hr.		Seismic Design Code		ASCE 7-10, SITE CLASS : D		D01	
16		Major Barrel Dia.		10			Inch		Minor Barrel Dia.		8	Inch		
17		Major Barrel Length		3000			mm		Minor Barrel Length		1000	mm		
18		Corrosion Allow.		3.2			mm		Corrosion Allow.		3.2	mm		
19	D01	Major Barrel THK.		NOTE (1)			mm		Minor Barrel THK.		NOTE (1)		D01	
20		Type of Pigs					Miscellaneous							
21		Normal					YES		Design Code:		(Note 23)			
22		Intelligent					YES		Barrels		ASME B 31.8 (D.F. :0.72)/ IPS-M-PI 130			D01
23		Spheres					YES		Closure		ASME VIII			
24		Foam					YES		Position		Horizontal			
25		Other							Bidirectional line		No			
26									Insulation		No			
27		Closure Type ● Quick Opening ○ Level/Handwheel Operated ○ Vertical Hinged												
28		Materials (Note 9)												
29		Code		ASTM / API				Quick Open Closure		C.S.				
30		Barrel		API 5L Gr. X52 PSL2				Gasket		S.S. 316, Spiral Wound-Graphite Filled				
31		Nozzle		API 5L Gr. X 52				Backing Plate		C.S.				
32		Flange		ASTM A694 F52				Bolts / Nuts		A193 Gr. B7M / A194 Gr. 2HM				
33		Fittings		ASTM A860 WPHY 52				Anchor Bolts		C.S.				
34		Saddle (Wear Plate / Others):		A516 Gr. 70 / A283 Gr. C				Name Plate		S.S.				
35		Connections												
36		Mark	No. Req.	Size in	Flange		Neck		Reinf. Pad		Project. (mm) (Note 18)	Description	Remarks	
37					Rating	Typ/ Fac.	Thk. (mm)	Sch.	Thk. (mm)	OD (mm)				
38														
39		A	1	2	#600	WN/RF		160	-	-	272	Kicker Line		
40		B	1	2	#600	WN/RF		160	-	-	245	Balance Line		
41		D1/D2	2	2	#600	WN/RF		160	-	-	472/265	Drain		
42		E1	1	10	#600	WN/RF	SEE DWG	-	-	SEE DWG		Q.O.C.		
43		E2	1	8	#600	WN/RF	SEE DWG	-	-	SEE DWG		Main Pig Outlet		
44		P	1	1	#600	WN/RF		160	-	-	243	PG Con.		
45		V1	1	2	#600	WN/RF		160	-	-	272	Vent		
46		W	1	-	-	-	-	-	-	-	-	Door Switch(Note 14)		D01
47		PSV	1	1	#600	WN/RF		160	-	-	243	PRESSURE SAFTY VALVE		
48		V2	1	2	#600	WN/RF		160	-	-	245	Vent		
49														
50														
51		Fabrication and Inspection Requirements												
52		Fabrication Code		ASME VIII Div. 1				Hydrostatic Test Press.		1.5 Times the Design Pressure				D01
53		NDE Code		ASME V & VIII				Impact Test		Acc. To Code				
54		Welding Code		ASME IX				PWHT		YES				
55		Radiography		100%				MT, PT & Pneu. Tests		Acc. To Code & The Project Spec.				
56		Internal & External Coating : Acc. To the Project 'Specification for Painting.', Doc. No. : BK-GNRL-PEDCO-000-PI-SP-0006												
57														
58														
59														
60														
61														
62														
63														



NISOC

نگهداشت و افزایش تولید میدان نفتی بینک

سطح الارض

احداث خطوط انتقال گاز/مایعات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاهمکان/واحد بهره برداری بینک



DATA SHEETS FOR PIG TRAPS

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

BK

بسته کاری

PPL

صادرکننده

PEDCO

تسهیلات

320

رشته

ME

نوع مدرک

DT

سریال

0001

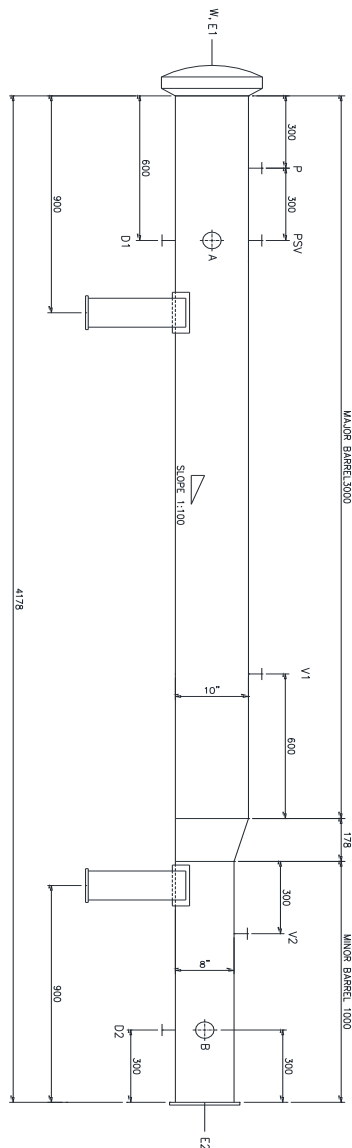
نسخه

D01

شماره صفحه: ۹ از ۱۱

DATA SHEETS FOR PIG LAUNCHER (PL-3201) / SHEET 2 OF 4

SKETCH





NISOC

نگهداشت و افزایش تولید میدان نفتی بینک

سطح الارض

احداث خطوط انتقال گاز/مایعات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاهمکان/واحد بهره برداری بینک



DATA SHEETS FOR PIG TRAPS

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادر کننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

شماره صفحه: ۱۱ از ۱۰

BK

PPL

PEDCO

320

ME

DT

0001

D01

DATA SHEETS FOR PIG LAUNCHER (PL-3201) / SHEET 3 OF 4

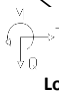
Accessories & Attachments (Note 17)

Supporting Saddles	●	Name Plate Bracket	●
Access Ladder & Platform	○	Name Plate	●
Insulation Support	○	Earthing Lug	●
Insulation	○	Pig Signaler (Note 15)	○
Fireproofing Support	○	Pigs	○
Lifting Lugs	●	Anchor Bolts	○
Tailing Lugs	○	Instrumentations	○
Skid	○	End Closure Interlocking System	●
Pipe Works	○	Valves	○

Major Barrel Dia.

Spec. for Pig Launching / Receiving Traps	BK-PPL-PEDCO-320-ME-SP-0001
Piping & Instrument Diagram (P&ID)	BK-PPL-PEDCO-320-PR-PI-0001-D00
Specification for Painting	BK-GNRL-PEDCO-000-PI-SP-0006

Wind and Seismic Loads at Base (On Each Saddle) *

Load Condition  Load Type	Empty Condition		Operating Condition		Testing Condition	
	Max. Shear @ Base (KN)	Max. Moment @ Base (KN.m)	Max. Shear @ Base (KN)	Max. Moment @ Base (KN.m)	Max. Shear @ Base (KN)	Max. Moment @ Base (KN.m)
WIND						
SEISMIC						



NISOC

تکده‌داشت و افزایش تولید میدان نفتی بینک

سطح الارض

احداث خطوط انتقال گاز/مابعات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاه‌مکان/واحد بهره برداری بینک



DATA SHEETS FOR PIG TRAPS

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادر کننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

BK

PPL

PEDCO

320

ME

DT

0001

D01

شماره صفحه: ۱۱ از ۱۲

DATA SHEETS FOR PIG LAUNCHER (PL-3201) /SHEET 4 OF 4

WEIGHT CONTROL
DATA SHEET
SI UNIT *

1/1

Service Pig Launcher

Type:

No. trains:

No. stages:

Supplier:

Manufacturer:

Model:

Location:

Quotation No:

Serial no:

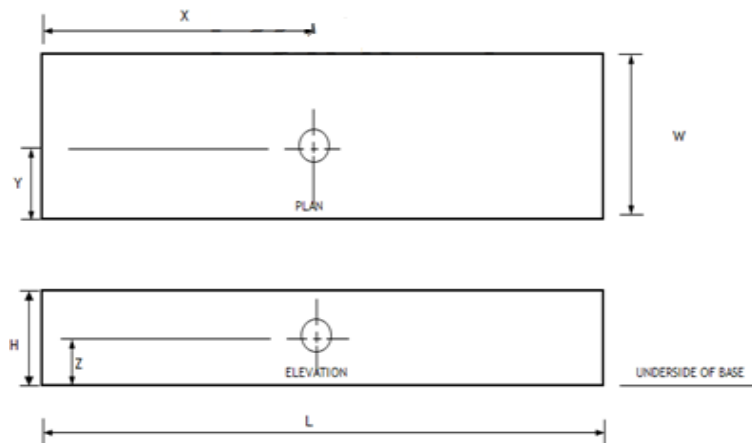
(Binak) Oilfield

Note: Information to be completed by: EQUIPMENT VENDOR

Major Barrel Dia.

Major Barrel Length	WEIGHT ACCURACY %	WEIGHT (kg)	CENTER OF GRAVITY		
			X	Y	Z
DRY					
OPERATING					
TEST					

SKETCH



NOTES

1. All lifting points to be load tested and certified.
2. Any spreader beam to be load tested and certified.
3. Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.



NISOC

تنگداشت و افزایش تولید میدان نفتی بینک

سطح الارض

احداث خطوط انتقال گاز/مابغات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاهمکان/واحد بهره برداری بینک



DATA SHEETS FOR PIG TRAPS

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادرکننده

تهیهات

رشته

نوع مدرک

سریال

نسخه

BK

PPL

PEDCO

320

ME

DT

0001

D01

شماره صفحه: ۱۱ از ۱۱

DATA SHEET FOR PIG RECEIVER (PR-3201) / SHEET 1 OF 4

Description :											
Tag No. :		PR-3201		Quantity		1		Set			
Type :		Pig Receiver									
Line No. :		GAS-113-0011-FN27-8"-PT									
Fluid Characteristics											
Fluid Handled		NATURAL GAS									
Fluid Density		42.3				H ₂ S % mol		0.054			
Toxic		YES				Sour		YES			
Corrosive/Erosive		YES		Due to		Hazardous Area		Hazardous Area "Zone 2, IIB, T3"			
Operating & Design Condition											
Operating Temp.		15~31.3		°C		Operating Pressure		40		barg	
Design Temp.		5 - 85		°C		Design Pressure		62		barg	
Ambient Temp.		5~50		°C		MDMT		5		°C	
Wind Design		120		Km / hr.		Seismic Design		ASCE 7-10, SITE CLASS : D			
Major Barrel Dia.		10		Inch		Major Barrel Dia.		8		Inch	
Major Barrel Length		3000		mm		Major Barrel Length		3000		mm	
Corrosion Allow.		3.2		mm		Corrosion Allow.		3.2		mm	
Major Barrel THK.		NOTE (1)		mm		Major Barrel THK.		11.1		mm	
Type of Pigs						Miscellaneous					
Normal						YES					
Intelligent						YES					
Spheres						YES					
Foam						YES					
Other											
Design Code:						(Note 23)					
Barrels						ASME B 31.8 (D.F. :0.72)/ IPS-M-PI 130					
Closure						ASME VIII					
Position						Horizontal					
Bidirectional line						No					
Insulation						No					
Closure Type ☒ Quick Opening ☐ Level/Handwheel Operated											
Materials (Note 9)											
Code		ASTM / API				Quick Open Closure		C.S.			
Barrel		API 5L Gr. X52 PSL2				Gasket		S.S. 316, Spiral Wound-Graphite Filled			
Nozzle		API 5L Gr. X 52				Backing Plate		C.S.			
Flange		ASTM A694 F52				Bolts / Nuts		A193 Gr. B7M / A194 Gr. 2HM			
Fittings		ASTM A860 WPHY 52				Anchor Bolts		C.S.			
Saddle (Wear Plate / Others)		A516 Gr. 70 / A283 Gr. C				Name Plate		S.S.			
Connections											
Mark	No. Req.	Size in	Flange Rating	Typ/ Fac.	Thk. (mm)	Sch.	Reinf. Pad Thk. (mm)	OD (mm)	Project. (mm) (Note18)	Description	Remarks
A	1	2	#600	WN/RF	-	160	-	-	272	Kicker Line	
B	1	2	#600	WN/RF	-	160	-	-	245	Balance Line	
D1	1	2	#600	WN/RF	-	160	-	-	472	Drain	
D2	1	2	#600	WN/RF	-	160	-	-	265	Drain	
E1	1	10	#600	WN/RF	-	SEE DWG	-	-	SEE DWG	Q.O.C.	
E2	1	8	#600	WN/RF	-	SEE DWG	-	-	SEE DWG	Main Pig Outlet	
K	1	2	#600	WN/RF	-	160	-	-	245	Pig Signaler/indicator	
P	1	1	#600	WN/RF	-	160	-	-	243	PG Con.	
V1	1	2	#600	WN/RF	-	160	-	-	272	Vent	
W	1	-	-	-	-	-	-	-	-	door switch(Note 14)	
PSV	1	1	#600	WN/RF	-	160	-	-	243	PRESSURE SAFTY VALVE	
V2	1	2	#600	WN/RF	-	160	-	-	245	Vent	
Fabrication and Inspection Requirements											
Fabrication Code		ASME VIII Div. 1				Hydrostatic Test Press.		1.5 Times the Design Pressure			
NDE Code		ASME V & VIII				Impact Test		Acc. To Code			
Welding Code		ASME IX				PWHT		YES			
Radiography		100%				MT, PT & Pneu. Tests		Acc. To Code & The Project Spec.			
Internal & External Coating : Acc. To the Project 'Specification for Painting.', Doc. No. : BK-GNRL-PEDCO-000-PI-SP-0006											



NISOC

نگهداشت و افزایش تولید میدان نفتی بینک

سطح الارض

احداث خطوط انتقال گاز/مابعات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاهمکان/واحد بهره برداری بینک



DATA SHEETS FOR PIG TRAPS

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

BK

بسته کاری

PPL

صادر کننده

PEDCO

تسهیلات

320

رشته

ME

نوع مدرک

DT

سریال

0001

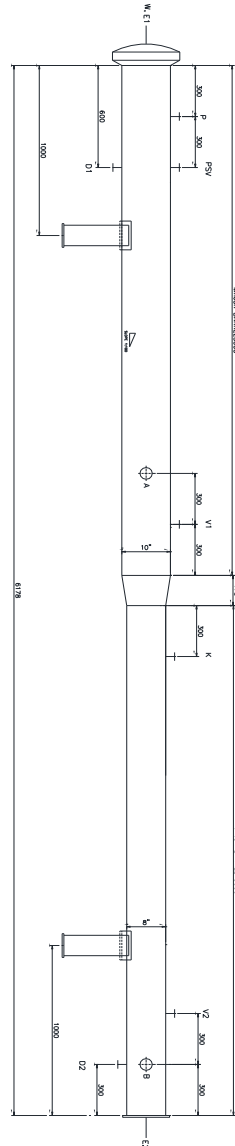
نسخه

D01

شماره صفحه: ۱۱ از ۹

DATA SHEETS FOR PIG RECEIVER (PR-3201) / SHEET 2 OF 4

SKETCH





NISOC

نگهداشت و افزایش تولید میدان نفتی بینک

سطح الارض

احداث خطوط انتقال گاز/مایعات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاهمکان/واحد بهره برداری بینک



DATA SHEETS FOR PIG TRAPS

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادر کننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

BK

PPL

PEDCO

320

ME

DT

0001

D01

شماره صفحه: ۱۱ از ۱۰

DATA SHEETS FOR PIG RECEIVER (PR-3201) / SHEET 3 OF 4

Accessories & Attachments (Note 17)

Supporting Saddles	●	Name Plate Bracket	●
Access Ladder & Platform	○	Name Plate	●
Insulation Support	○	Earthing Lug	●
Insulation	○	Pig Signaler (Note 15)	○
Fireproofing Support	○	Pigs	○
Lifting Lugs	●	Anchor Bolts	○
Tailing Lugs	○	Instrumentations	○
Skid	○	End Closure Interlocking System	●
Pipe Works	○	Valves	○

Major Barrel Dia.

Spec. for Pig Launching / Receiving Traps	BK-PPL-PEDCO-320-ME-SP-0001
Piping & Instrument Diagram (P&ID)	BK-PPL-PEDCO-320-PR-PI-0001-D00
Specification for Painting	BK-GNRL-PEDCO-000-PI-SP-0006

Wind and Seismic Loads at Base (On Each Saddle) *

Load Condition Load Type	Empty Condition		Operating Condition		Testing Condition	
	Max. Shear @ Base (KN)	Max. Moment @ Base (KN.m)	Max. Shear @ Base (KN)	Max. Moment @ Base (KN.m)	Max. Shear @ Base (KN)	Max. Moment @ Base (KN.m)
WIND						
SEISMIC						



NISOC

تکهداشت و افزایش تولید میدان نفتی بینک

سطح الارض

احداث خطوط انتقال گاز/ مایعات گازی از ایستگاه تقویت فشار گاز بینک تا

ایستگاه تزریق گاز سیاه‌مکان/ واحد بهره برداری بینک



DATA SHEETS FOR PIG TRAPS

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادر کننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

BK

PPL

PEDCO

320

ME

DT

0001

D01

شماره صفحه: ۱۱ از ۱۱

DATA SHEETS FOR PIG RECEIVER (PL-3201) / SHEET 4 OF 4

WEIGHT CONTROL
DATA SHEET
SI UNIT *

1/1

Service Pig Receiver

Type:

No. trains:

No. stages:

Supplier:

Manufacturer:

Model:

Location:

Quotation No:

Serial no:

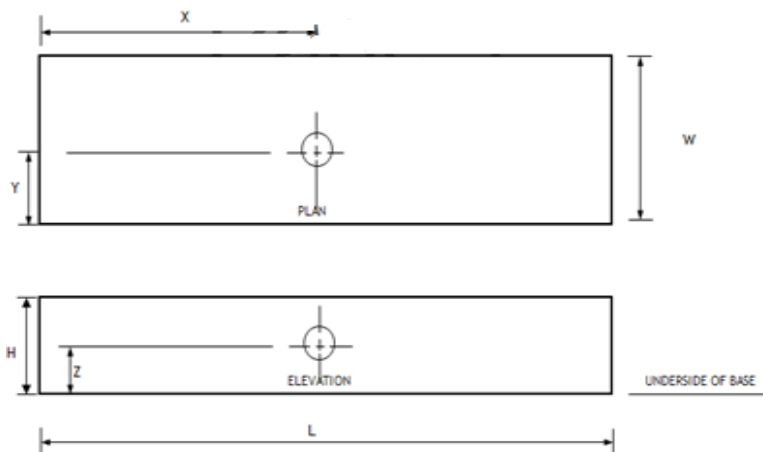
(Binak) Oilfield

Note: Information to be completed by: EQUIPMENT VENDOR

Major Barrel Dia.

	WEIGHT ACCURACY %	WEIGHT (kg)	CENTER OF GRAVITY		
			X	Y	Z
DRY					
OPERATING					
TEST					

SKETCH



NOTES

1. All lifting points to be load tested and certified.
2. Any spreader beam to be load tested and certified.
3. Lifting / rigging plan for skid mounted equipment to be provided by the Vendor.