



ARKA PETROGAS PIPELINE
Pipeline Inspection
www.arkaline.co

ARKALINE

PIPELINE INSPECTION SURVEY QUESTIONNAIRE

Project:

PipeLine Name:

ARKALINE Proj. No.:.....

Please complete questionnaire as accurate as possible.

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Doc No: ARKA-PIT-01
Page 1 of 6



1 GENERAL INFORMATION:

Pipeline owner:

Pipeline operator:

Address:

Telephone No:

Fax No:

Pipeline Name or Ref. No:

Content:

Pipeline Size (Nominal Outside Diameter):

Length of Line (km):

	Launcher	Onshore <input type="checkbox"/>	Offshore <input type="checkbox"/>	Receiver	Onshore <input type="checkbox"/>	Offshore <input type="checkbox"/>
Location						
Region						
Country						

Material:

Date of Pipeline Construction:

Pipeline MAOP:

SMYS (Specified min. yield strength):

Pipeline Design Pressure:

SMUTS (Specified Ultimate tensile strength):

Two Phase/Three Phase Flow Yes No specify

2 DETAILS OF PIPELINE AT TIME OF INSPECTION

2.1 Operating Conditions

	Min	Normal	Max	Unit
Operating temperature				°C
Operating Pressure				PSIG
Minimum pressure (at receiver or highpoint)				PSIG
Flowrate during Survey				

	Wax	CO2	H2 S	Other
Content				



2.2 PIPELINE WALL THICKNESS, CONSTRUCTION & GRADE

Please specify the range of pipeline wall thickness' present in the pipeline section (trap to trap).
Where possible, specify the nominal wall thickness of line pipe employed and the actual length in kilometers for each nominal value.

ID	Section Start (km)	Section End (km)	Wall Thickness(mm)	Pipe Type*	Material (Standard)	Remark
1						
2						
3						
4						
5						

*Seamless / Seam Weld / ERW / Spiral

Smallest known ID reductionLargest known ID

3 DETAILS OF PIPELINE FITTINGS

3.1 Bends (only smallest radii are required for each of type)

Type	Quantity	Min. bend radius e.g. 1,5 D,3 DEtc.	Orientation	Min. nominal bore
Hot bend				
Mitred bend				
Field bend				
others				

3.2 Tees, Branches, Offtakes etc.

Type *	Quantity	Orientation	Angle to Pipeline	Diameter Of offtake	Minimum ID of Tee(s):	Are pig bars fitted
						Yes <input type="checkbox"/> No <input type="checkbox"/>
						Yes <input type="checkbox"/> No <input type="checkbox"/>
						Yes <input type="checkbox"/> No <input type="checkbox"/>
						Yes <input type="checkbox"/> No <input type="checkbox"/>
						Yes <input type="checkbox"/> No <input type="checkbox"/>
						Yes <input type="checkbox"/> No <input type="checkbox"/>

*e.g. welded. Stopple etc.



- Can Side Flows be Controlled? Yes No
- Min. Distance between Adjacent Tees & other Fittings, Valves, etc:
- Are Sacrificial Anodes Present: Yes No
- Welded on plate pin brazed CAD welded other:
- Type of Internal Coating: thickness
- External coating thickness

3.3 Block Valves (supply drawings with questionnaire wherever possible)

Type (Gate, Ball etc)	Model Number	Min. Nominal Bore
1-		
2-		
3-		

In case of wedge gate valves, length of wedge cavity inside the Valves:

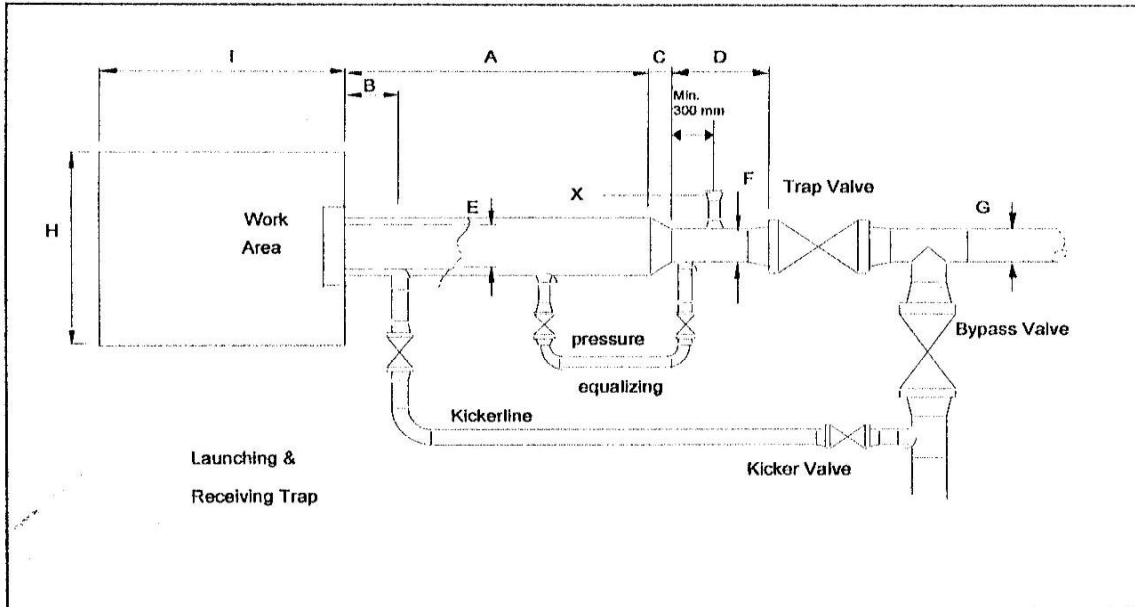
3.4 Check valves (supply drawings with questionnaire wherever possible)

Min. Nominal Bore	Can check Valves be locked open during survey:
	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/>
Any known problems with valves in the past? If yes, please describe the problem:	Yes <input type="checkbox"/> No <input type="checkbox"/>

3.5 DETAILS OF PIPELINE RECORDS AND HISTORY

Is Pipeline Currently Operational?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Are Weld Record Books Available?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Date of Last inspection:	Previous Inspection Co:
Are Cleaning Pigs Run On a Regular Basis? Yes <input type="checkbox"/> No <input type="checkbox"/>	If yes, how often?
Type of Cleaning Pigs Used	Type and amount of Debris recovered:
Is there any known Damage? Yes <input type="checkbox"/> No <input type="checkbox"/>	If yes, please describe:
Can as-built drawings be made available to us? (for marking purposes)	Yes <input type="checkbox"/> No <input type="checkbox"/>

4 DETAILS OF LAUNCHING & RECEIVING TRAPS



X= 6 inch Branch at 12:00 o'clock position (preferable) for MFL tool installation. Only for sizes up to 20 inch.

Please enter the following launching & receiving trap dimensions:

	Launcher (mm)	Receiver (mm)		Launcher (mm)	Receiver (mm)
A			F*		
B			G*		
C			H		
D			I		
E*			J		

* Please state min. internal diameter

	Launcher	Receiver
Reducer Type	Concentric <input type="checkbox"/> Eccentric <input type="checkbox"/>	Concentric <input type="checkbox"/> eccentric <input type="checkbox"/>
Trap Construction	Welded <input type="checkbox"/> flanged <input type="checkbox"/>	Welded <input type="checkbox"/> flanged <input type="checkbox"/>
Angle and Direction of not Horizontal		
Height Trap Centerline above Access Area		
Closure Type		
Internal Tray inside Barrel	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Crane Access to Launcher/Receiver	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Shutdown valve existing	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

