



GENERAL NOTES	
ID	DESCRIPTION
1	PROVISION FOR INJECTION OF ETHANOL
2	INTERLOCK BETWEEN RISER SDV AND CHOKE VALVE TO ENSURE THAT THE CHOKE VALVE IS CLOSED BEFORE THE RISER SDV CAN BE OPENED. THIS INTERLOCK SYSTEM SHALL BE DESIGNED AS AN INSTRUMENTED PROTECTION SYSTEM
3	HIGH PRESSURE PERMISSIVE FOR OPENING OF RISER SDV WHEN USED AS PRODUCTION WELL P-15. WHEN USED AS WAG-5 HIGH PRESSURE WILL CLOSE T75-SDV-xxxx ON GAS INJECTION RISER TO WAG-5
4	INTERLOCK TO ALWAYS ALLOW AN OPEN PATH TO EITHER TEST OR PRODUCTION MANIFOLD
5	REMOVABLE SPOOL
6	SWING SPOOL FOR CHANGE-OVER FROM PRODUCTION WELL TO WATER INJECTION WELL
7	REMOVABLE SPOOL FOR FUTURE INSTALLATION OF SLUG CONTROL VALVE
8	LINE WILL BE USED FOR DEPRESSURIZATION OF WATER INJECTION RISER TO TEST SEPARATOR VIA T61-HCV-xxxx ON HIGH HIGH PRESSURE DETECTION (T61-PSI-xxxx)
9	CONNECTION FOR N2 OR VACUUM TEST

LAYOUT NOTES	
ID	DESCRIPTION
L1	DISTANCE BETWEEN RISER CONNECTION AND SDV SHOULD BE KEPT AS MINIMUM
L2	PIGGABLE SECTION: BEND RADIUS MINIMUM 3D WHERE D IS NOMINAL DIAMETER REFERENCED TO PIPING CENTERLINE
L3	AVOID POCKETS IN ALL LINES
L4	BENDS SHALL BE SEPARATED BY STRAIGHT SPOOL PIECES WITH SAME O.D. AND I.D. AND WITH MINIMUM LENGTH OF 3D
L5	TRANSITIONS BETWEEN PIPES/COMPONENTS WITH DIFFERENT WALL THICKNESS SHALL BE MADE WITH MAXIMUM 15° CHAMFER FROM CENTERLINE OF PIPE
L6	PIGGABLE SECTION: BEND RADIUS MINIMUM 5D WHERE D IS NOMINAL DIAMETER REFERENCED TO PIPING CENTERLINE

REFERENCE DOCUMENTS		
ID	SBM DOC. NUMBER	DESCRIPTION
1	PEDWPRPG999003	FP50 - PIPING LEGEND - P&ID
2	PEDWPRPG999004	FP50 - PIPING IDENTIFICATION LEGEND - P&ID
3	PEDWPRPG999005	FP50 - INSTRUMENTATION LEGEND - P&ID
4	PEDWPRPG999006	FP50 - EQUIPMENT LEGEND - P&ID
5	PEDWPRPG999007	FP50 - TYPICAL DETAILS - P&ID 1
6	PEDWPRPG999008	FP50 - TYPICAL DETAILS - P&ID 2
7	PEDWPRPG999009	FP50 - TYPICAL DETAILS - P&ID 3
8	PESDPITS999120	TOPSIDES - PIPING DETAIL - SPECIFICATION

LEGEND	
	CLOUD INDICATING ITEM ON HOLD

HOLDS	
ID	DESCRIPTION
1	CONFIGURATION RISER PSV OUTLETS

TS264

Revision	Date (dd-MMM-yy)	Description of revision	Prepared by	Engineering checked by	Approved by	Approved by EPM
11	19-DEC-11	INTER DISCIPLINE CHECKING	Kok	Fus	Vra	Cem

Client: **PETROBRAS NETHERLANDS BV**

Project: **FP50 CIDADE DE ILABELA**

Title: **TOPSIDES PRODUCTION RISERS P&ID 1**

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