



REFERENCE DOCUMENTS					
I-ET-3000.00-1200-941-PPC-002 - SYMBOLS AND ABBREVIATIONS					
EQUIPMENT					
TAG	DESCRIPTION	TYPE	CAPACITY		
B-1223001A/B (2 x 100%)	PRE-OIL DEHYDRATOR RECIRCULATION WATER PUMP	CENTRIFUGAL	400 m³/h (NOTE 6)		
B-1223002A/B (2 x 100%)	OIL DEHYDRATOR RECIRCULATION WATER PUMP	CENTRIFUGAL	60 m³/h (NOTE 6)		
B-1223003A/C (3 x 50%)	OIL TRANSFER PUMP	CENTRIFUGAL	500 m³/h (NOTE 6)		
B-1223005A/B (2 x 100%)	TEST SEPARATOR PUMP	CENTRIFUGAL	210 m³/h (NOTE 6)		
P-1223001A/B (2 x 50%)	OIL/OIL PRE-HEATER	PLATE	6.29 E+06 W		
P-1223002A/B (2 x 50%)	PRODUCTION HEATER	PLATE	16.00 E+06 W		
P-1223003A/B (2 x 50%)	DILUTION WATER HEATER	PLATE	1.61 E+06 W		
P-1223004 (1 x 100%)	TEST HEATER	SHELL AND TUBE	4.61 E+06 W		
RP-1210001A/D (1 x 100%)	PRODUCTION SATELLITE WELL PIG RECEIVER	-			
RP-1210002 (1 x 100%)	SUBSEA PRODUCTION MANIFOLD - PIG RECEIVER	-			
SG-1223001 (1 x 100%)	FREE WATER SEPARATOR	HORIZONTAL	31800 m³/d (NOTE 6)		
SG-1223002 (1 x 100%)	TEST SEPARATOR	HORIZONTAL	5000 m³/d (NOTE 6)		
TO-1223001 (1 x 100%)	PRE-OIL DEHYDRATOR	ELECTROSTATIC	30720 m³/d (NOTE 6)		
TO-1223002 (1 x 100%)	OIL DEHYDRATOR	ELECTROSTATIC	25000 m³/d (NOTE 6)		
V-TO-1223001 (1 x 100%)	PRE-OIL DEHYDRATOR DEGASSER	HORIZONTAL	30720 m³/d (NOTE 6)		
V-TO-1223002 (1 x 100%)	OIL DEHYDRATOR DEGASSER	HORIZONTAL	25000 m³/d (NOTE 6)		
GENERAL NOTES					
1- THE BALANCE INFORMATION HEREUNDER, REFERS TO CASE 7A MAXIMUM OIL / GAS, ACCORDING TO I-RL-3010.90-1200-940-PPC-002 - PROCESS SIMULATION REPORT.					
2- MIXING VALVE.					
3- EACH PIG RECEIVER IS ABLE TO ATTEND FIVE WELLS (MAXIMUM).					
4- GAS FLOW RATE SPECIFIED AT PRESSURE AND TEMPERATURE OPERATION CONDITIONS.					
5- THE PERFORMANCE CHARACTERISTICS OF EQUIPMENT AND SYSTEMS, AS SHOWN ON THE UPPER PART OF THIS DRAWING, ARE DESIGN DATA AND MAY NOT AGREE WITH THE BALANCE INFORMATION HEREUNDER WHICH ARE ACTUAL EQUILIBRIUM VALUES.					
6- LIQUID FLOW RATE SPECIFIED AT STANDARD CONDITIONS: 15.6 °C AND 101.3 kPa abs.					
7- CONNECTION TO DIRECT PRODUCED WATER FROM OIL DEHYDRATOR TO PRODUCED WATER TREATMENT.					
8- TO BE USED TO GUARANTEE OIL TEMPERATURE NOT LOWER THAN 55°C.					
9- REMOVABLE SPOOL ALTERNATIVE TO USE HEATED OIL FROM PRE-OIL DEHYDRATOR TO GUARANTEE MINIMUM SEPARATION TEMPERATURE IN FREE WATER SEPARATOR.					
10- PIG RECEIVER TO ATTEND SUBSEA PRODUCTION MANIFOLD.					
REV.	DESCRIPTION	DATE	EXEC.	CHECK	APPROV.
FILE: SmartPlant P&ID / V 4.03 / I-DE-3010.90-1223-943-PPC-001.pid					
CLIENT:					
JOB:					
AREA:		PRESALT FPSOS - STANDARD MODULES			
		PRODUCTION			
TITLE:		PROCESS FLOW DIAGRAM OIL COLLECTING AND SEPARATION (MAXIMUM OIL/GAS)			
DESIGN	EXEC.	CHECK	APPROV.		
SCALE	NO SCALE	A1: 841x594mm	IN-2000-08-001	SHEET	01 of 01
DATE	No.	I-DE-3010.90-1223-943-PPC-001			