



REFERENCE DOCUMENTS

I-ET-3000.00-1200-941-PPC-002 - SYMBOLS AND ABBREVIATIONS

I-DE-3010.90-1200-944-PPC-001 - GENERAL NOTES

I-ET-3010.90-1200-944-PPC-002 - CORROSION MONITORING SYSTEM

I-ET-3010.90-0523-852-PPC-001 - AUTOMATION REQUIREMENTS FOR CORROSION MONITORING SYSTEM

EQUIPMENT			
TAG	DESCRIPTION	TYPE	CAPACITY
FT-1238001A	COALESCER FILTER	COALESCER	600000 m ³ /h (NOTE 1)
P-1238001A/B	GASLIQUID EXCHANGER	SHELL AND TUBE	600000 m ³ /h (NOTE 1)
V-1238001	COLD SEPARATOR	VERTICAL	600000 m ³ /h (NOTE 1)

GENERAL NOTES

1-FLOW AT 20°C AND 101.3 kPa abs.

2-UTILITY CONNECTION.

3-CLOSED DRAIN.

4-CANCELLED.

5-CANCELLED.

6-MONITORING HYDROCARBON DEW POINT TEMPERATURE.

7-BOV TYPICAL. 1 - GENERAL NOTES.

8-A NON-INTRUSIVE CORROSION MONITORING TECHNIQUE (FSM TECHNIQUE) SHALL BE USED IN THIS PIPELINE, DOWNSTREAM THE BOV-1238005 PIPELINE.

9-IF PSHH TO TRANSFER TEMPERATURE CONTROL FROM TV-1238006A/B TO TV-1238006C, WHEN PSHH-1238007 ACTIVATED, THE SIGNAL OF TIC-1238006-1 TO TV-1238006B WILL BE FASTESTED PROVEN IN THE LAST VALVE IN THE MOMENT THAT PSHH HAS ACTIVATED AND TEMPERATURE CONTROL WILL BE ASSUMED BY TIC-1238006-2. WHEN THE SYSTEM TEMPERATURE (TTI-1238006) AND PRESSURE (PTI-1238007) HAVE NORMALIZED, THE OPERATOR MANUALLY WILL CAN TRANSFER THE AUTOMATIC CONTROL TO TIC-1238006-1 THROUGH THE MANUAL RESET HS-1238007.

10-THIS SDV WILL ONLY OPEN THROUGH OPERATOR COMMAND IF THE SDV BAY PASS IS OPEN.

11-ONLY TO SELECTION OF THE MAIN VALVE OR RESERVE VALVE (TV-1238006A/B).

12-MANUAL RESET OF THE PSHH-1238007, BY OPERATOR (SEE NOTE 8).

13-A WARNING PLATE SHALL BE INSTALLED BY MANUFACTURER ON THE HEAT EXCHANGER WITH THE FOLLOWING WORDS:
"NO BLOQUEAR A ENTRADA E A SAIDA DO EQUIPAMENTO SEM ANTES DRENAR E PURGAR OS DORSELAÇOS DO EQUIPAMENTO".
DO NOT CLOSE BOTH EQUIPMENT INLET AND OUTLET BEFORE DRAINING AND PURGING BOTH SIDES.

REV.

DESCRIPTION

DATE

EXEC.

CHECK

APPROV.

FILE: SmartPlant P&ID / V 4.03 / I-DE-3010.90-1238-944-PPC-001.pid

CLIENT:

JOB:

AREA:

TITLE:

PRODUCTION

PIPING AND INSTRUMENT DIAGRAM

HYDROCARBON DEW POINT CONTROL SYSTEM

DESIGN

EXEC.

CHECK

APPROV.

SCALE

NO SCALE

AD: 1189x841mm

IN-2000-08-001

SHEET

01 of 01

DATE

No.

I-DE-3010.90-1238-944-PPC-001