



- Notes**
1. ALL INSTRUMENT TAG NUMBERS ON THIS DRAWING ARE PREFIXED BY: 0110.
 2. LAUNCHER/RECEIVER DOORS TO BE EQUIPPED WITH A SAFETY PRESSURE ACTUATED MECHANICAL INTERLOCK SUCH THAT THE DOOR CANNOT BE OPENED UNLESS THE VESSEL IS DEPRESSURISED.
 3. CURBED AREA.
 4. SIGNAL SHALL BE REPEATED ON OTU DCS THROUGH CLUSTER RTU.
 5. PURGE CONNECTION.
 6. LOCAL INSTRUMENTATION SHALL BE PROVIDED WITH DIAPHRAGM SEAL.
 7. FUTURE PIPING AND EQUIPMENT INSTALLATIONS ARE REPRESENTED BY HATCHED LINES.
 8. THE EXTERNAL SURFACE OF THE PIPELINES, INSIDE OF THE FENCE SHALL BE WHITE PAINTED IN ORDER TO REDUCE THE ABSORPTIVITY OF THE PIPELINES EXTERNAL SURFACE DURING SUMMER.
 9. FLOW LINE DEPRESSURIZATION SHALL BE PERFORMED TOWARD OTU CLOSE DRAIN SYSTEM.
 10. CONNECTION FOR TEST SEPERATOR.
 11. PSV TO BE SUPPLIED BY PIG LAUNCHER VENDOR.
 12. CURBED AREA TO HAVE LOCAL SUMPS TO RETAIN MINOR SPILLS.

SET: 60 BARG LEAK DETECTION
 PALL 805A PALL 805B PALL 805C PALL 805 PI 805
 NOTE 4

BY PIPING BY PIPELINE

Reference Drawings No.

Rev.	Date	Description
9	15 JAN 10	AS BUILT
8F	10 DEC 08	ISSUED FOR CONSTRUCTION (REVISED WHERE INDICATED)
7	23/5/07	ISSUED FOR CONSTRUCTION (REVISED WHERE INDICATED)
6	01/11/06	ISSUED FOR CONSTRUCTION
5	21/06/06	ISSUED FOR DESIGN
4	15/03/06	ISSUED FOR DESIGN
3	24/07/05	ISSUED FOR DESIGN
2	15/12/04	ISSUED FOR DESIGN
1	OCT-04	ISSUED FOR FEED
0	06/08/04	ISSUED FOR DESIGN

Client Job No. :
 Consultant :

Contractor : Plant :

Title : PIPING AND INSTRUMENTATION DIAGRAM

Scale	Drawing No.	Sheet No.	Rev.
** : **		1 / 1	9

0110-VL-003
 PIG LAUNCHER
 DESIGN PRESSURE = 135 barg
 DESIGN TEMPERATURE = 150°C
 MATERIAL = CS
 SIZE = 16"x12"
 2"-TL-11-0819-16C-V

BY VENDOR
 BY CONTRACTOR