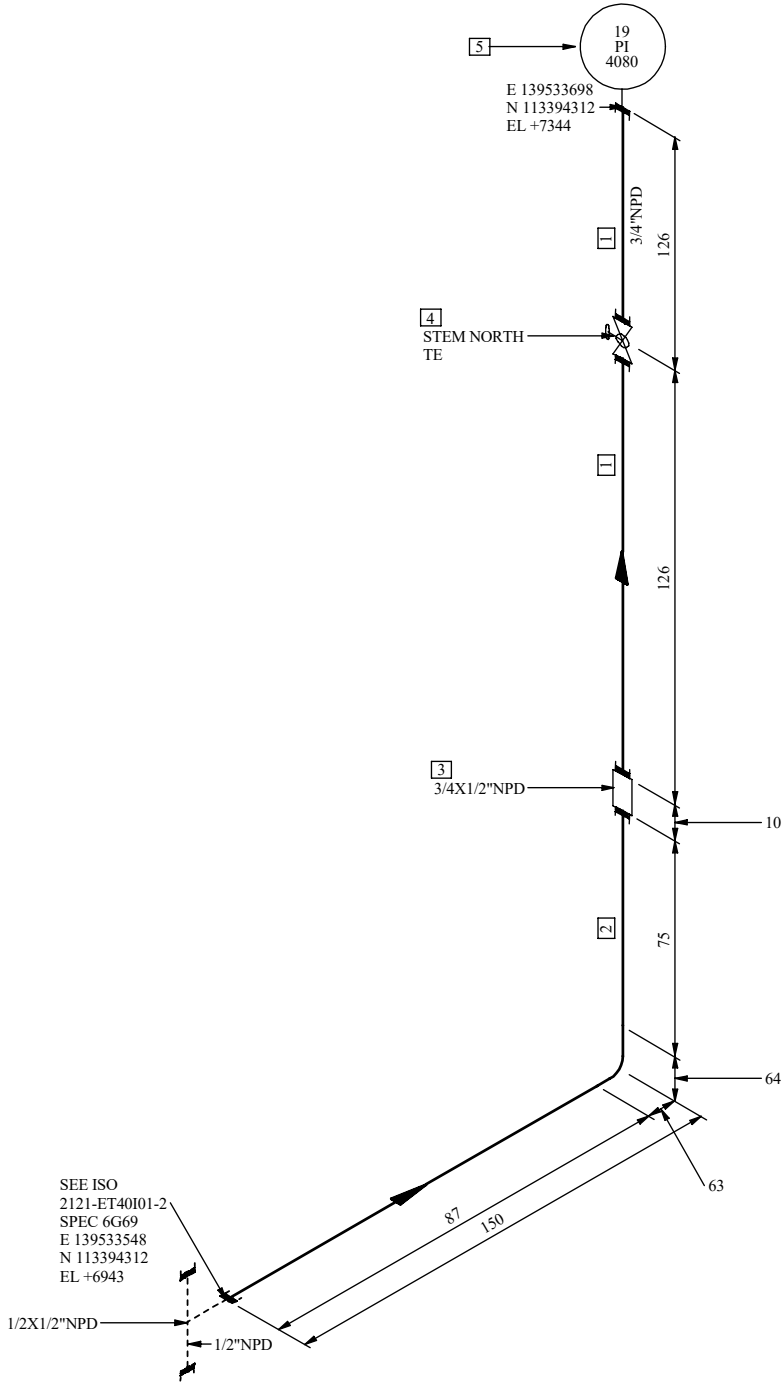


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EXTR. DATE: 09-12-2023 08:59:51

STREAM NO.:4010 STREAM REV. NO. : 10 REV. CAUSE ID: 23



REMARKS FOR MECHANICAL SUBCONTRACTOR:

- 1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.
- 2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.
- 3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT
- 4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.
- 5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.
- 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.
- 7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.
- 8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).
- 9) WHERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.

| | | | | | | | | |
|-------------------------|-----------------------|--------------|---|---------|--------------|----------|----------|--------------|
| SUPPORTS LEGEND: | DENOTES PARTS LIST NO | PIPE SUPPORT | A=RESTING SUPPORT | G=GUIDE | F=AXIAL STOP | B=ANCHOR | M=SPRING | S=TEFLON PAD |
| | | | WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. | | | | | |

| | | | | | | | |
|------|----------------------|-----------|---------|----------|------------|--------------|--|
| | | | | | | | STRESS CALC. N° |
| | | | | | | | - |
| 01 | ISSUED FOR REFERENCE | 08-DEC-23 | M.YADAV | P.VAZE | G.PAGANONI | | P & ID 19-A-19-000-1-01-00001 sheet 39 |
| 00 | ISSUED FOR REFERENCE | 07-JUL-23 | M.YADAV | P.VAZE | G.PAGANONI | | LINE LIST N° 19-L-19-000-2-00-80602 |
| REV. | DESCRIPTION | DATE | DRW. BY | CHECK BY | APPR. BY | APPR. CLIENT | PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 2 |

ISSUED FOR REFERENCE



Signature for construction is shown on Iso list of relevant CWA

ISOMETRIC DRAWING LINE

3/4"-ET-40I01-6G69

BILL OF MATERIAL

| PT NO | COMPONENT DESCRIPTION | N.S. (IN) | ITEM CODE | QTY | HOLD STATUS |
|------------------------|---|-----------|------------|-------|-------------|
| PIPE | | | | | |
| 1 | TUBE - A269-TP316/316L-DUAL GRADE PE SMLS T02ALK7Z01 0.095" tubing <N/A> (N/A) | 3/4 | I65396072 | 0.2 M | |
| 2 | TUBE - A269-TP316/316L-DUAL GRADE PE SMLS T02ALK7Z01 0.065" tubing <N/A> (N/A) | 1/2 | I7062245 | 0.3 M | |
| FITTINGS | | | | | |
| 3 | COMPR RED UNION MFTR - A182-F316/316L DUAL GR FFRE FFRE - R66AQL1M7705 NREQD <N/A> (N/A) | 3/4X1/2 | I7062343 | 1 | |
| VALVES / IN-LINE ITEMS | | | | | |
| 4 | COMPR BALL VALVE MFTR 6000# A182-F316/316L DUAL GR FFRE FFRE 316-CARBON/GLASS REINFORCED PTFE TRUNNION-MOUNTED OHW V70AOL1M7739 NREQD <N/A> (N/A) | 3/4 | I65625051 | 1 | |
| INSTRUMENTS | | | | | |
| 5 | INSTRUMENT COMPONENT | 3/4 | 19-PI-4080 | 1 | |

| | | | | | |
|-----------------------------|--|--|-------------|---|------------|
| PIPE MATERIAL | | NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE". | | | |
| 316, dual grade | | | | | |
| HEAT TREATMENT (PWHT) | | | | | |
| - | | | | | |
| PAINTING SCHEME (3) | |  | CONTRACTOR: | CONTRACTOR DRAWING NUMBER: | PROJECT: |
| NR | | | | 4274-XH-DL-2121ET40I01-4 | 4001008 |
| PIPING CLASS | | | | | |
| 6G69 | | | | | |
| WELDING CLASS (4) | |  <div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div> | | | |
| - | | | | | |
| PED CATEGORY | | | | | |
| Art 4.3 | | | | | |
| INSULATION CODE / THK. (mm) | | ANNEX 19 | SPEC. L | DRAWING NUMBER 19-000-2-02-00001 sheet 2121ET40I01-4 | REV. 01 |
| N 0 | | | | | |