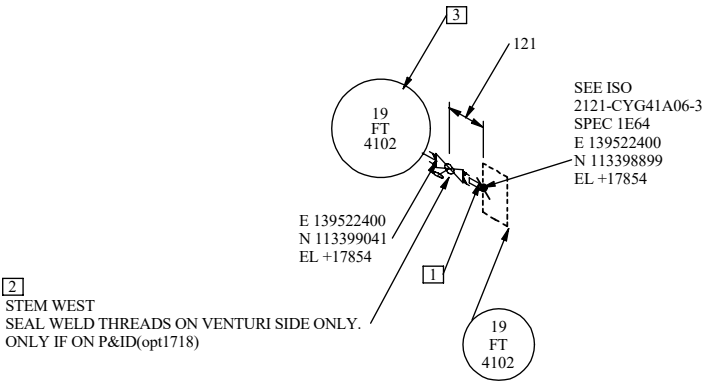
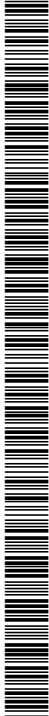


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EXTR. DATE: 20-06-2023 13:17:56      STREAM NO.:4530      STREAM REV. NO. : 9      REV. CAUSE ID:



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°                                  |
|      |                      |             |         |          |            |              | -  |
|      |                      |             |         |          |            |              | P & ID<br>19-A-19-000-1-01-00001 sheet 52        |
| 00   | ISSUED FOR REFERENCE | 23-JUN-2023 | M.YADAV | P.VAZE   | G.PAGANONI |              | LINE LIST N°<br>19-L-19-000-2-00-80602           |
| REV. | DESCRIPTION          | DATE        | DRW. BY | CHECK BY | APPR. BY   | APPR. CLIENT | PIPE LAYOUT N°<br>19-L-19-000-2-00-86197 sheet 5 |

ISSUED FOR  
REFERENCE

Signature for construction is shown  
on Iso list of relevant CWA


ISOMETRIC DRAWING  
LINE

1/2"-CYG-41A06-1E64 (P)

BILL OF MATERIAL

| PT NO                  | COMPONENT DESCRIPTION   | N.S. (IN) | ITEM CODE  | QTY | HOLD STATUS |
|------------------------|---|-----------|------------|-----|-------------|
| FITTINGS               |   |           |            |     |             |
| 1                      | NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160 <NTOA010E1100324> (L-7881)                                  | 1/2       | I2221167   | 1   |             |
| VALVES / IN-LINE ITEMS |   |           |            |     |             |
| 2                      | BALL VALVE ASME B16.34 800# A105N FTE FTE 316/PEEK B7/2H 3PSB-FULL BORE FLOATING BALL OHW V04JIC442204B NREQD <N/A> (N/A) | 1/2       | I66568245  | 1   |             |
| INSTRUMENTS            |   |           |            |     |             |
| 3                      | INSTRUMENT COMPONENT  | 1/2       | I9-FT-4102 | 1   |             |

- 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".

|   |                            |          |
|---|----------------------------|----------|
| CONTRACTOR:   | CONTRACTOR DRAWING NUMBER: | PROJECT: |
|  | 4274-XH-DL-2121CYG41A06-5  | 4001008  |

LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS CLIENT / COMPLEX  
FOR PROJECT - ALBA PROJECT REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

|          |         |   |         |
|----------|---------|---|---------|
| ANNEX 19 | SPEC. L | DRAWING NUMBER 19-000-2-02-00001 sheet 2121CYG41A06-5 | REV. 00 |
|----------|---------|---|---------|