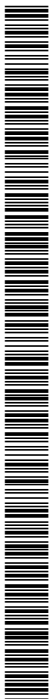


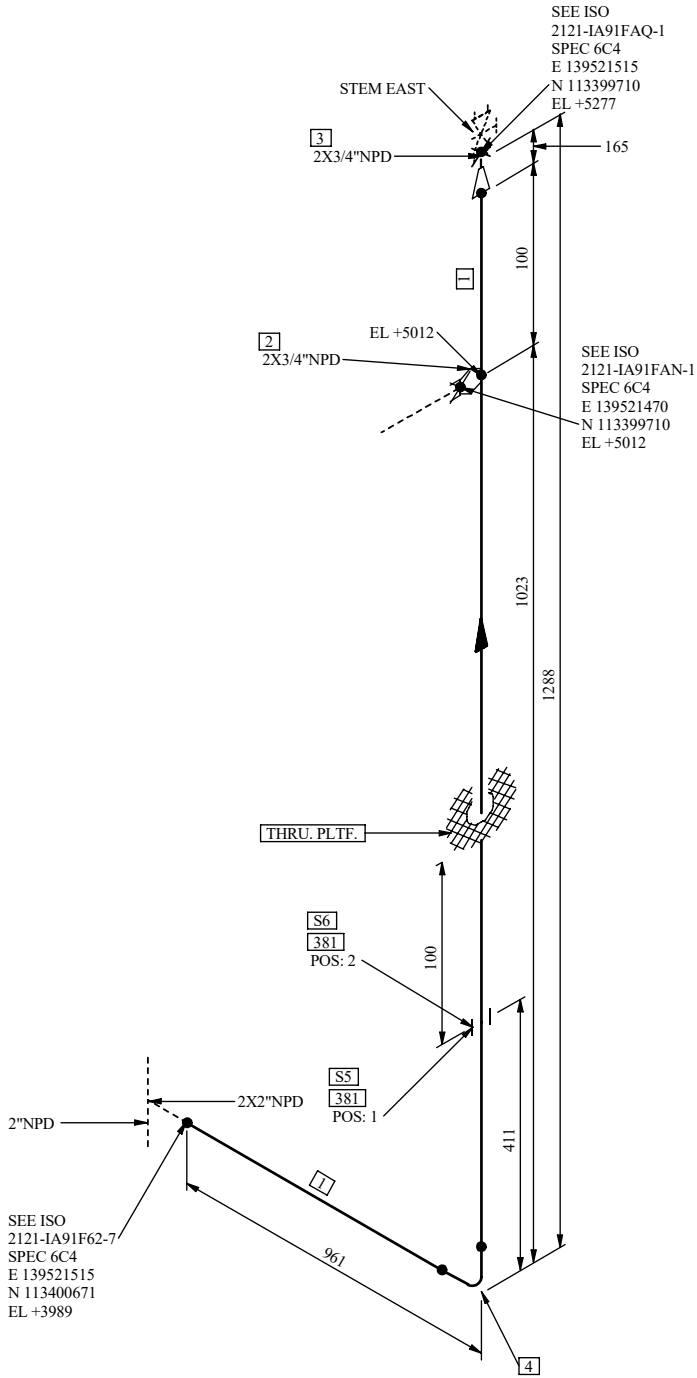
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EXTR. DATE: 21-10-2023 08:40:55

STREAM NO.:3250

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 19-A-19-000-1-01-00001 sheet 106 |
| 00 | ISSUED FOR CONSTRUCTION | 20-OCT-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 |

APPROVED FOR
CONSTRUCTION



Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

2"-IA-91F62-6C4

BILL OF MATERIAL

| PT NO | COMPONENT DESCRIPTION | N.S. (IN) | ITEM CODE | QTY | HOLD STATUS |
|---------------|---|-----------|-----------|-------|-------------|
| PIPE | | | | | |
| 1 | PIPE - A312-TP304/304L DUAL GR BE SMLS T01AL2CV02 S-10S <PIPB04DB2210S> (L-PIP113) | 2 | I3364302 | 2.0 M | |
| FITTINGS | | | | | |
| 2 | REDUCING SOCKOLET MSS-SP-97 3000# A182-F304/304L DUAL GR BE SWE - R13DNL2AV101 NREQD <SOKB450LB01411> (L-SOK04) | 2X3/4 | I2258338 | 1 | |
| 3 | CONCENTRIC SWAGE MSS SP-95 - A403-WP304/304L DG BE PE SMLS SCH1-10S SCH2-40S R21FQL2FVZ10 <CSWB04DGR14071101> (L-CSW21) | 2X3/4 | I2495660 | 1 | |
| 4 | 90 LR ELBOW ASME B16.9 A403-WP304/304L DG BE SMLS C01DL2FV01 S-10S <90LB23DF3210S> (L-8052) | 2 | I2259133 | 1 | |
| PIPE SUPPORTS | | | | | |
| 5 | U BOLT (FOR GUIDE)-P02D | 2 | 381 | 1 | |
| 6 | WELDED BRACKET TO STRUCT. SB01 L80X80X10 | 2 | 381 | 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". | | | | |
| 304, dual grade | | | | | | |
| HEAT TREATMENT (PWHT) | | | | | | |
| N | | | | | | |
| PAINTING SCHEME (3) | | | | | | |
| NR | |  | CONTRACTOR DRAWING NUMBER: 4274-XH-DL-2121IA91F62-8 | PROJECT: 4001008 | | |
| PIPING CLASS | | | | | | |
| 6C4 | | | | | | |
| WELDING CLASS (4) | |  | LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT | | CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX | |
| M | | | | | | |
| PED CATEGORY | | | | | | |
| Art 4.3 | | | | | | |
| INSULATION CODE / THK. (mm) | | ANNEX 19 | SPEC. L | DRAWING NUMBER 19-000-2-02-00001 sheet 2121IA91F62-8 | | REV. 00 |
| N 0 | | | | | | |