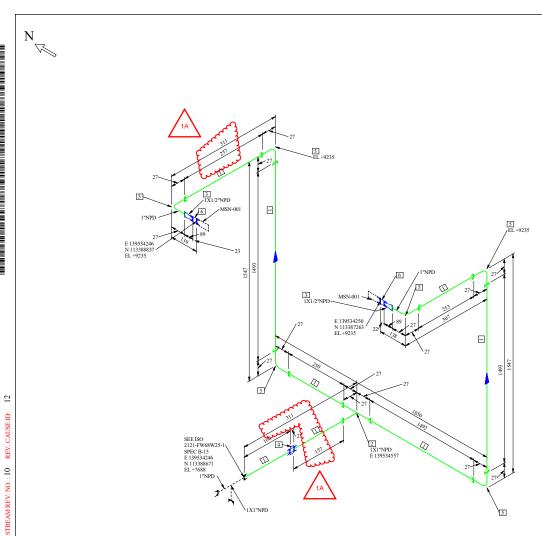
DESCRIPTION



| BILL OF MATERIAL | | | | | | | |
|--|-------|-----------|-------|--|--|--|--|
| PT NO COMPONENT DESCRIPTION | N.S. | ITEM CODE | OTW | HOLI | | | |
| | (IN) | HEM CODE | QTY. | | | | |
| PIPE 1 PIPE - A53-B GALV MTE SMLS T01AC11W02 S-XS <pipg010c11xs> (N/A). FITTINGS</pipg010c11xs> | 1 | I145594 | 5.5 M | 3 | | | |
| TEE ASME B16.11 3000# A105 GALV FTE FTE - R11FNC022201 NREQD <tetg300kbk1> (L-8911).</tetg300kbk1> | 1X1 | I214944 | 1 | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | |
| 3 CONCENTRIC SWAGE MSS SP.95 - A105 GALV MTE MTE SMLS SCH1-XS SCH2-XS R21FQC02WW01 <cswg010dr12161016> (L-CSW28).</cswg010dr12161016> | 1X1/2 | I4198150 | 2 | / IA | | | |
| 4 UNION ASME B16.11 3000# A105 GALV FTE FTE - R43FNC022201 NREQD <n a=""> (N/A).</n> | 1 | I45867360 | 1 | | | | |
| 5 90 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R31FNC022203 NREQD <90TG300KBK1> (L-8907). | 1 | I214920 | 6 | | | | |
| 6 COUPLING ASME B16.11 3000# A105 GALV FTE FTE - R01FNC022201 NREQD | 1/2 | I214895 | 2 | | | | |

| RE | EMARKS FOR MECHANICAL SUBCONTRACTOR: |
|-----|--|
| 1) | LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. |
| | 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. |
| os. | ACTUAL CUT UNICTU OF DIDE AND FIELD WELDS CHALL DE DEEDED DY ACCUANICAL CUDOCOUTS ACTOR (DEET O 4274 L7 DC 00000002) |

8) ACTUAL CUT LENGTH OF PPE AND FIELD WELDS SHALL BE DEINNED BY MICHANICAL SUBLON INAL TOR, (REF. 1.0 92/19-12-7-4-00000002).
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 FEAROR AND FEDIS A = RESTING SUPPORT G = GUIDE F = AXIAL STOP B = ANCHOR M = SPRING S = TIFLON PAD WHERE \overline{A} WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. ISSUED FOR REFERENCE - SITE REVISION ISSUED FOR REFERENCE 16-DEC-23 M.YADAV .PAGANON 19-A-19-000-1-01-00001 sheet 124 ISSUED FOR REFERENCE U.CHAVAN P.VAZE .PAGANON

CHECK BY

APPR. BY

Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR REFERENCE

ISOMETRIC DRAWING LINE 1"-FW-68W25-B-13

19-L-19-000-2-00-80602

19-L-19-000-2-00-86197 sheet 3

| | PIPE MATERIAL | NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. | | | | |
|---|-----------------------|---|-----------------------------|----------|--|--|
| | | FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. | | | | |
| | CS, Galvanized | WELDING ACCORDING TO 45-L-45-000-2-00-80021. | | | | |
| | HEAT TREATMENT (PWHT) | 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 AVAILA | | | | |
| | PAINTING SCHEME (3) | CONTRACTOR: | CONTRACTOR DRAWING NUMBER: | PROJECT: | | |
| | 4 | CONTINUETOR. | CONTRACTOR DICTWING NOMBER. | TROJECT. | | |
| I | PIPING CLASS | A | 4274-XH-DL-2121FW68W25-3 | 4001008 | | |

B-13 LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX VELDING CLASS (4) AND POLYPROPYLENE (PP) PLANTS ED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL Art 4.3 NSULATION CODE / THK. (mm)

REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX 19-000-2-02-00001 sheet 2121FW68W25-3

FILENAME: 19-000-2-02-00001 sheet 2121FW68W25-3.dwg

01A