REV. CAUSE ID:

3 EL +8324 SEE ISO 2121-LS91A05-1 SPEC B-5 45.0° E 139516046 N 113389370 EL +8324 1.1/2X1.1/2"NPD SEE ISO 2121-LS91A29-1 SEE ISO 2121-LS91A41-2 SPEC B-5 SPEC B-5 E 139517415 E 139522448 N 113388930 1.1/2X1"NPD

BILL OF MATERIAL HOLD N.S. COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A111/2XS> (L-6679) 1.1/2 I132809 12.3 M FITTINGS REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD 1.1/2X1 I1651307 <RTEA300KBK11/21> (L-RTE15) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD 1.1/2 I1651297 <90FA300LBK11/2>(L-178) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD 1.1/2 I1651293 <45FA300LBK11/2> (L-184)

| 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. | | | | | | | ISSUED FOR REFERENCE | PIPE MATERIAL CS HEAT TREATMENT (PWHT) N | 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". | | | |
|---|-----------------------------------|-------------------|------------------|--------------------|------------------------|---|---|--|---|------------|--|---|
| 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 SUPPORT WHERE AWITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. | | | | | | | Signature for construction is shown on Iso list of relevant CWA | PAINTING SCHEME (3) 20 PIPING CLASS B-5 | CONTRACTO | | CONTRACTOR DRAWING NUMBER: 4274-XH-DL-2121LS91A41-1 | ргојест: 4001008 |
| | | | | | | STRESS CALC. № - P & ID 19-A-19-000-1-01-00001 sheet 117 LINE LIST № | ISOMETRIC DRAWING LINE | WELDING CLASS (4) E PED CATEGORY Art 4.3 | | AND I | AL DENSITY POLYETHILENE (PI POLYPROPYLENE (PP) PLANTS R PROJECT - ALBA PROJECT | CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX |
| 00 REV. | ISSUED FOR REFERENCE DESCRIPTION | 16-JUN-23 DATE | U.CHAVAN DRW. BY | P.VAZE CHECK BY | G.PAGANONI APPR. BY | 19-L-19-000-2-00-80602 PIPE LAYOUT N° APPR. CLIENT 19-L-19-000-2-00-86197 sheet 1 | 1-1/2"-LS-91A41-B-5 (HA) | INSULATION CODE / THK. (mm) HA 50 | ANNEX 19 | SPEC. L | DRAWING NUMBER 19-000-2-02-00001 sheet 2121LS91 | A41-1 REV. 00 |