N

3) FOR THE CUMPONENTS 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: DATE: REV.

ISSUED FOR REFERENCE

ISSUED FOR REFERENCE

REMARKS FOR MECHANICAL SUBCONTRACTOR:

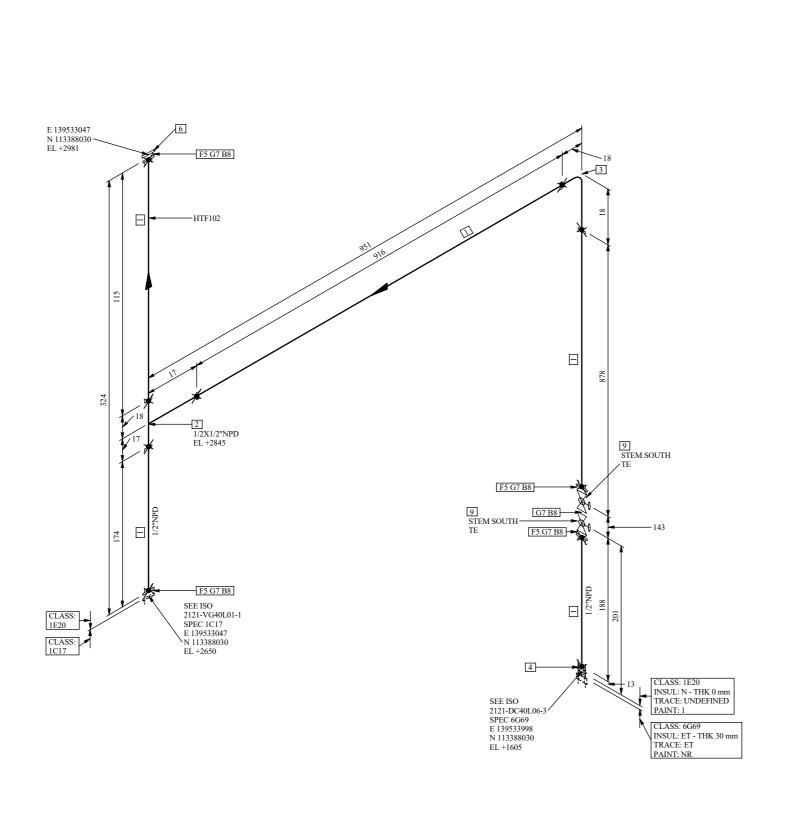
1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.

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 X , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT

I DENOTES PARTS LIST NO PIPE SUPPORT —

DESCRIPTION



A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=AXCHOR M=SPRING S=TEFLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

P.VAZE

P.VAZE

CHECK BY

G.PAGANONI

G.PAGANONI

APPR. BY

APPR. CLIENT

15-DEC-23

15-MAY-23

M.YADAV

M.YADAV

STRESS CALC. Nº

19-L-19-000-2-00-80602 PIPE LAYOUT Nº

19-L-19-000-2-00-86196 sheet 1

| PRESENTED PROPERTY | I | | ī | BILL OF MATERIAL | | | | |
|--|--|---|--------------------|--|----------|----------|--------------|-----------|
| PRIPS_AUGUST P.SMIS_TRIBALIS/202 SANS-SPIPARIBIALIZENS-(L-6679) | | N. | | SILE OF WHITEKERE | | ITEM COL | | |
| ### SPECIAL STATE AND THE STATE OF THE STATE | PIPE | - | | | | | | SIATOS |
| 30 | FITTINGS | | | | | 1132777 | 2.1 M | |
| OPERANDERAL Co. (L. 178) | - | | | | 1/2X1/2 | I165129 | 9 1 | |
| COURTING ASMER BIGS 3000 ALRON SWE SWE - ROIFNCHISE INSEQUENCE - 10 1651675 1 | 3 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD | | | | 1/2 | I165129 | 5 1 | |
| S. SWF HANGE AND FIRES 3008 A100N RFFE SWE 125 - 250 AARH FROCTC-448105 S.NS 1/2 10762189 4 | 4 COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD | | | | 1/2 | I165167 | 5 1 | |
| BINDPLANCE ASME BIGS 3000 A 190N REFE NREQUI 22-290 ARRH FIGETC448005 12 11632274 1 - ABARDERS (21) L. 143 | | | | | | 1976218 | 9 4 | |
| 7 SIRRAL WOUND GASKET ASME BIE 20 3000 RPTIBE 304GRAFORL CARBON STEEL SS 304 1/2 163509949 5 ASME BIE 5 GORG PRIST 2 "ANA "(NA) BOLTS 8 STUD BOLT SEARCH SASME BIE 31 2" BIE 32 2 A193-897A194-2H INCH SIZE BIODROSO) 1/2 153437190 20 **SERVISIGE 2220-> 2 MUTS PER BOLT - 65 mm Longth MALVES: INSLINE LITEMAS 9 BALL VALVE A108 3000 A216-WCB RPTE 316R-PTIFE, GF B72H 125 - 220 AARH 1/2 19918105 2 2 POR VINTE BIAN OR BOTTOMOST CONSISTENCE BILL SHE 44-44-04-24-04-04-04-08-1012. **SERVISIGE A108-4" (L-AL084) **NOTES: 1 FOR TICKNOCA DETAIL SHE LIST. 2 POR VINTE BIAN OR BOTTOMOST CONSISTENCE BILL SHE 44-44-04-24-04-04-04-08-1012. **SERVISIGE A108-4" (L-AL084) **NOTES: 1 FOR TICKNOCA DETAIL SHE LIST. 2 POR VINTE BIAN OR BOTTOMOST CONSISTENCE BILL SHE 44-44-04-04-04-08-1012. **SERVISIGE A108-4" (L-AL084) **NOTES: 1 FOR TICKNOCA DETAIL SHE LIST. 2 POR VINTE BIAN OR BOTTOMOST CONSISTENCE BILL SHE 44-44-04-04-04-08-1012. **HEAT BEATMENT (POUT) N | 6 BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 | | | | 1/2 | I165237- | 4 1 | |
| S STUD BOLTASKNITS AND EIRS LIZ GIBEZ 24 JUNE THAT SEE LINE LIST. SERRE SIG 2122-2 - NUTS PER BOLT - 65 mm Longh VALMES IN LINE HEMS 9 BALL VALVE API 685 800 A216-WCR FIFE 316R-PTFI, GF R72H 125 - 230 AARH 12 19918105 2 228SPULL BORE FLOATING BALL OHW ASME BIG 5 VAHFC 29BZZG NREQD | 7 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GFP1IS12 <n a=""> (N/A)</n> | | | | 1/2 | 1635089 | 49 5 | |
| PREMATERAL STATE TRANSPORT (PWHT) PAINTING SCHEME (1) FOR TRANSPORT IS OF TRANSPORT DEFAULT SIZE LEVEL LEVEL CONTRACTOR BY ANALYSIS UNKNOWN TO MAKE BY A STATE AND SCHEME (2) FOR TRANSPORT IS OF TRANSPORT DEFAULT SIZE LEVEL SIZE SIZE LEVEL SIZE LEVEL SIZE SIZE LEVEL SIZE LEVEL SIZE SIZE LEVEL SIZE SIZE LEVEL SIZE SIZE LEVEL SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE | 8 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <sb2r51g1 2="" 221=""> - 2 NUTS PER BOLT - 65 mm Length</sb2r51g1> | | | | 1/2 | 1534371 | 90 20 | |
| NOTES: 1. FOR TECHNICAL DETAILS SELEN LIST: CS IREAT TREATMENT (POWIT) PAINTING SCHEME (5) FOR PROJECT: ONTRACTOR: CONTRACTOR: CONTRACTOR: CONTRACTOR: CONTRACTOR DRAWING NUMBER: PEPOG CLASS IE20 WELDING CLASS (6) LOW LINEAL DENSITY POLYETHILLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT: ALBA PROJECT ARE PLOT AT 4.3 REPLOT REPLOT BRAWNER (mm) ANNEX SPEC. DRAWING NUMBER: REV. REV. REV. REV. | 9 BALL VALVE API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 AARH 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JFC29BZZG NREQD | | | | | 1991810 | 5 2 | |
| CS HEAT TREATMENT (PWHT) PAINTING SCHEME (3) PEIDING CLASS WELDING CLASS (4) WELDING CLASS (4) PED CATEGORY AT 4.3 INSULATION CODE / THK. (mm) 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L45-000-2-00-8021. 4. PAINTING SCHEME (3) 5. CODE SHOWN IN BOM BETWEEN "< & ">" DENOTES REPSOL UNICODE. "< N/A>" MEANS UNICODE IS "NOT AVAILABLE". PROJECT: 4274-XH-DL-2121LW40L05-1 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. | | | | | | | | |
| CS #EAT TREATMENT (PWHT) PAINTING SCHEME (3) PIPING CLASS WELDING CLASS (4) WELDING CLASS (4) PED CATEGORY Art 4.3 INSULATION CODE / THK. (mm) 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L45-000-2-00-8012. 4. PAINTING ACCORDING TO 45-L45-000-2-00-8012. 4. PAINTING ACCORDING TO 45-L45-000-2-00-8012. 4. PAINTING ACCORDING TO 45-L45-000-2-00-8012. 5. CODE SHOWN IN BOM BETWEEN "< & > * DENOTES REPSOL UNICODE. "<\A> MEANS UNICODE IS "NOT AVAILABLE". PROJECT: 4001008 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. ANNEX SPEC. DRAWING NUMBER | | | | | | | | |
| CS HEAT TREATMENT (PWHT) PAINTING SCHEME (3) PEIDING CLASS WELDING CLASS (4) WELDING CLASS (4) PED CATEGORY AT 4.3 INSULATION CODE / THK. (mm) 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L45-000-2-00-8021. 4. PAINTING SCHEME (3) 5. CODE SHOWN IN BOM BETWEEN "< & ">" DENOTES REPSOL UNICODE. "< N/A>" MEANS UNICODE IS "NOT AVAILABLE". PROJECT: 4274-XH-DL-2121LW40L05-1 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. | | | | | | | | |
| CS #EAT TREATMENT (PWHT) PAINTING ACCORDING TO 45-L-45-000-2-00-80021. ### PAINTING ACCORDING TO 45-A-45-000-1-00-20160. S. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<\A'> A' A' MEANS UNICODE IS "NOT AVAILABLE". PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: ### PROJECT: ### PROJECT: ### PROJECT: ### AUD 1008 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT INSULATION CODE /THK. (mm) ANNEX SPEC. DRAWING NUMBER ### PROJECT: ### AUD 1008 CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. **PAINTING ACCORDING TO 45-A-45-000-1-00-20160. **A CONTRACTOR DRAWING NUMBER: PROJECT: CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. **A CONTRACTOR DRAWING NUMBER* ** | | | | | | | | |
| N 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "< N/A>" MEANS UNICODE IS "NOT AVAILABLE". PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 4274-XH-DL-2121LW40L05-1 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. ANNEX SPEC. DRAWING NUMBER | | 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021. | | | | | | |
| Tecnimont CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: | | | | | | | | AILABLE". |
| WELDING CLASS (4) E PED CATEGORY Art 4.3 INSULATION CODE/THK. (mm) ANNEX SPEC. DRAWING NUMBER LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. | 1 | CONTRACT | OR: | | | | | |
| AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT INSULATION CODE/THK. (mm) ANNEX SPEC. DRAWING NUMBER AND POLYPROPYLENE (PP) PLANTS REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV. | WELDING CLASS (4) | LOW LINEA | | AL DENSITY POLYETHILENE (PEI | | |) | |
| ANNEX SPEC. DRAWING NUMBER | PED CATEGORY | REPJOL | FOR PROJECT - ALBA | | | г | REPSOL POLYM | IEROS/ |
| | | | | DRAWING NUMBER 19-000-2-02-00001 sł | neet 212 | 1LW40L | .05-1 | 1 |

Signature for construction is shown

ISSUED FOR REFERENCE

FILENAME: 19-000-2-02-00001 sheet 2121LW40L05-1.dwg