REV. CAUSE ID:

STREAM REV. NO.: 10 STREAM NO.:4565

REMARKS FOR MECHANICAL SUBCONTRACTOR

4 1X1/2"NPD SEE ISO SEE ISO 2121-LPN49A14-3 SPEC 1C14 E 139522985 -N 113381328 SPEC 1C14 E 139522985 N 113382355 5 1X1/2"NPD 6MM OFFSET FLAT SIDE D 8 SEE ISO 2121-LPN49A13-1 SPEC 1C14 E 139523442 -N 113382832 SEE ISO 2121-LPN49A14-1 SPEC 1C14 E 139523606 N 113382832 7MM OFFSET 3 1.1/2X1"NPD

BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION ITEM CODE QTY (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK11/2> 1.1/2X1.1/2 I1651302 ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ01 <ESWA010AR13161216> (L-ESW31) REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD 1X1/2 I1651304 <RTEA300KBK11/2>(L-RTE15) I63782596 ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FOC44ZZ01 1X1/2 <ESWA010AR12161016> (L-ESW31) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREOD 11651677 <FCPA300LBK1> (L-180) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD 11651296 <90FA300LBK1> (L-178) COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD I1651675 <FCPA300LBK1/2>(L-180)

2	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	FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.							
₹		) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.							
:		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.								EF 4005 AND EF010	$\mid$ S
								ASSEMBLY NO FEAUUS AND FEUTS.	
į	CLIDDO	SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE — A - RESTING SUPPORT G - GUIDE F - AXIAL STOP B - ANCHOR M - SPRING S - TEFLON PAD  NUMBER OF A SPRING S - THE STORY OF THE STORY							
SUPPORTS LEGEND: SUPPORTS LEGEND: SUPPORT SUPP								STRUCTURE.	
								STRESS CALC. Nº	TIT
5								-	_
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i								19-A-19-000-1-01-00001 sheet 57	
	00	ISSUED FOR REFERENCE	06-OCT-23	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST Nº	1
	00							19-L-19-000-2-00-80602	
1								PIPE LAYOUT Nº	7
	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 1	

REFERENCE Signature for construction is shown on Iso list of relevant CWA

**ISSUED FOR** 

PIPE MATERIAL

HEAT TREATMENT (PWHT)

CS

ISOMETRIC DRAWING LINE INSULATION CODE / THK. (mm) 1-1/2"-LPN-49A14-1C14

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102

ANNEX

3. WELDING ACCORDING TO 45-L-45-000-2-00-80021

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

DRAWING NUMBER

4001008 PIPING CLASS 4274-XH-DL-2121LPN49A14-2 1C14 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

FOR PROJECT - ALBA PROJECT REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

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19-000-2-02-00001 sheet 2121LPN49A14-2

FILENAME: 19-000-2-02-00001 sheet 2121LPN49A14-2.dwg