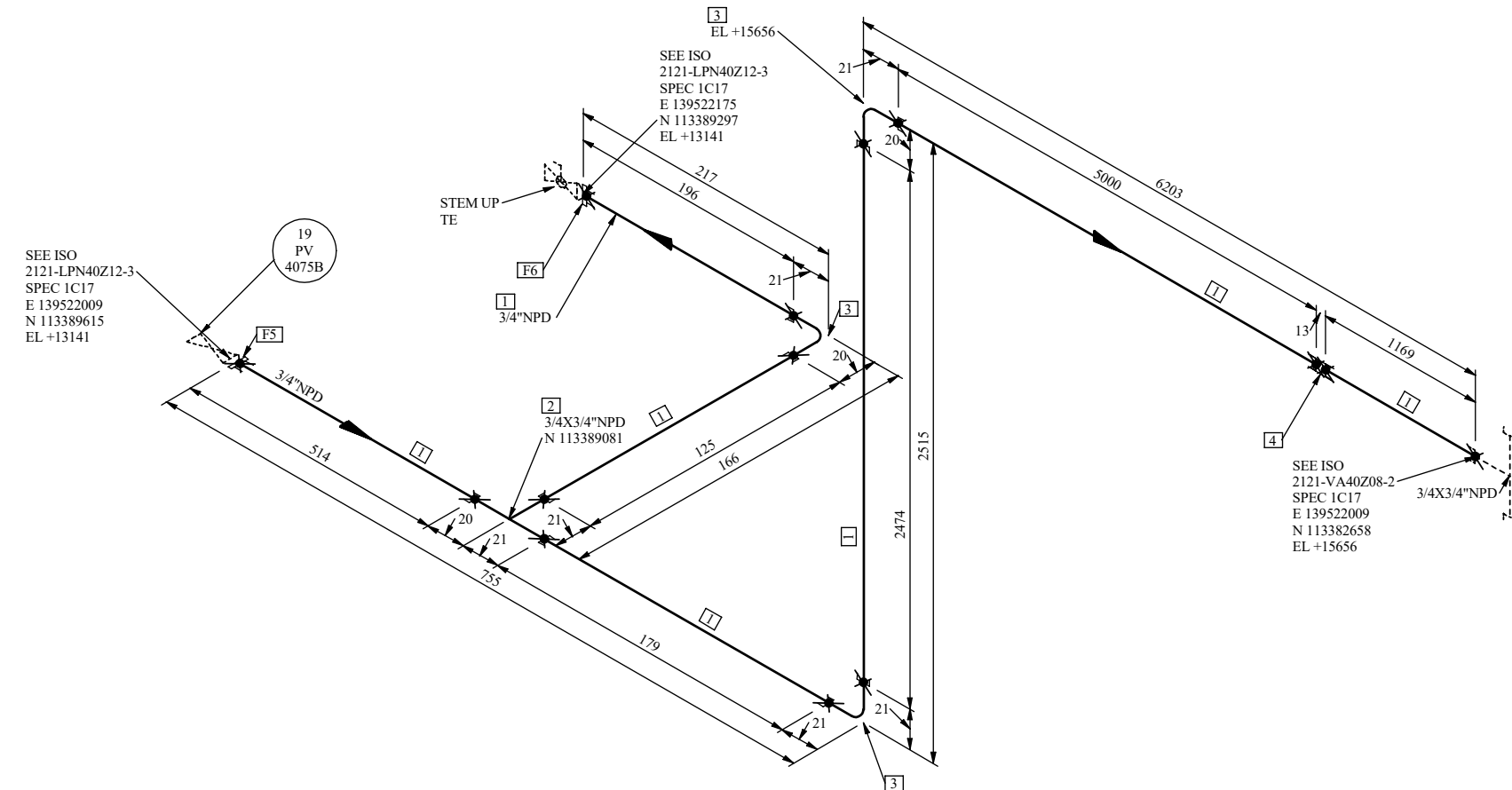




EXTR. DATE: 22-06-2023 09:11:56

STREAM REV. NO.: 9

REV. CAUSE ID:



BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
<u>PIPE</u>					
1	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A13/4XS> (L-6679)	3/4	I132785	9.7 M	
<u>FITTINGS</u>					
2	TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK3/4> (L-179)	3/4X3/4	I1651300	1	
3	90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD <90FA300LBK3/4> (L-178)	3/4	I1651298	3	
4	COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD <FCPA300LBK3/4> (L-180)	3/4	I1651676	1	
<u>FLANGES</u>					
5	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS <SWFA300R353/4XS> (L-375)	3/4	19762190	1	
6	SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS <SWFA300R153/4XS> (L-295)	3/4	15378342	1	

<div>REMARKS FOR MECHANICAL SUBCONTRACTOR:</div> <div>1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.</div> <div>2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.</div> <div>3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✕ , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT</div> <div>4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.</div> <div>5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.</div> <div>6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.</div> <div>7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.</div> <div>8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF. TO 4274-LZ-PC-00000603).</div> <div>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 FEB019.</div>							<div>ISSUED FOR REFERENCE</div>		<div>PIPE MATERIAL</div> <div>CS</div> <div>HEAT TREATMENT (PWHT)</div> <div>N</div>		<div>NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.</div> <div>2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.</div> <div>3. WELDING ACCORDING TO 45-L-45-000-2-00-80021.</div> <div>4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160.</div> <div>5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".</div>																																																																			
<div>SUPPORTS LEGEND:</div> <div><div>□</div>DENOTES PARTS LIST NO</div> <div><div>—</div>PIPE SUPPORT</div> <div><div>A</div>= RESTING SUPPORT</div> <div><div>G</div>= GUIDE</div> <div><div>F</div>= AXIAL STOP</div> <div><div>B</div>= ANCHOR</div> <div><div>M</div>= SPRING</div> <div><div>S</div>= TEFLON PAD</div> <div>WHERE <div>□</div> WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.</div>							<div>Signature for construction is shown on Iso list of relevant CWA</div>		<div>PAINTING SCHEME (3)</div> <div>1</div> <div>PIPING CLASS</div> <div>1C17</div>		<div>CONTRACTOR:</div> <div></div>		<div>CONTRACTOR DRAWING NUMBER:</div> <div>4274-XH-DL-2121VA40Z08-1</div>		<div>PROJECT:</div> <div>4001008</div>																																																															
<table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>STRESS CALC. N°</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>P & ID</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>19-A-19-000-1-01-00001 sheet 51</td></tr><tr><td>00</td><td>ISSUED FOR REFERENCE</td><td>23-JUN-23</td><td>U.CHAVAN</td><td>P.VAZE</td><td>G.PAGANONI</td><td></td><td>LINE LIST N°</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>19-L-19-000-2-00-80602</td></tr><tr><td>REV.</td><td>DESCRIPTION</td><td>DATE</td><td>DRW. BY</td><td>CHECK BY</td><td>APPR. BY</td><td>APPR. CLIENT</td><td>PIPE LAYOUT N°</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>19-L-19-000-2-00-86196 sheet 4</td></tr></table>														STRESS CALC. N°								-								P & ID								19-A-19-000-1-01-00001 sheet 51	00	ISSUED FOR REFERENCE	23-JUN-23	U.CHAVAN	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-19-000-2-00-86196 sheet 4	<div>TITLE</div> <div>ISOMETRIC DRAWING LINE</div> <div>3/4"-VA-40Z08-1C17</div>		<div>WELDING CLASS (4)</div> <div>E</div> <div>PED CATEGORY</div> <div>Art 4.3</div>		<div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div></div> <div>CLIENT / COMPLEX</div> <div>REPSOL POLYMERS/ SINES INDUSTRIAL COMPLEX</div>			
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							<div>INSULATION CODE / THK. (mm)</div> <div>N0</div>		<div>ANNEX</div> <div>19</div>	<div>SPEC.</div> <div>L</div>	<div>DRAWING NUMBER</div> <div>19-000-2-02-00001 sheet 2121VA40Z08-1</div>		<div>REV.</div> <div>00</div>																																																																	