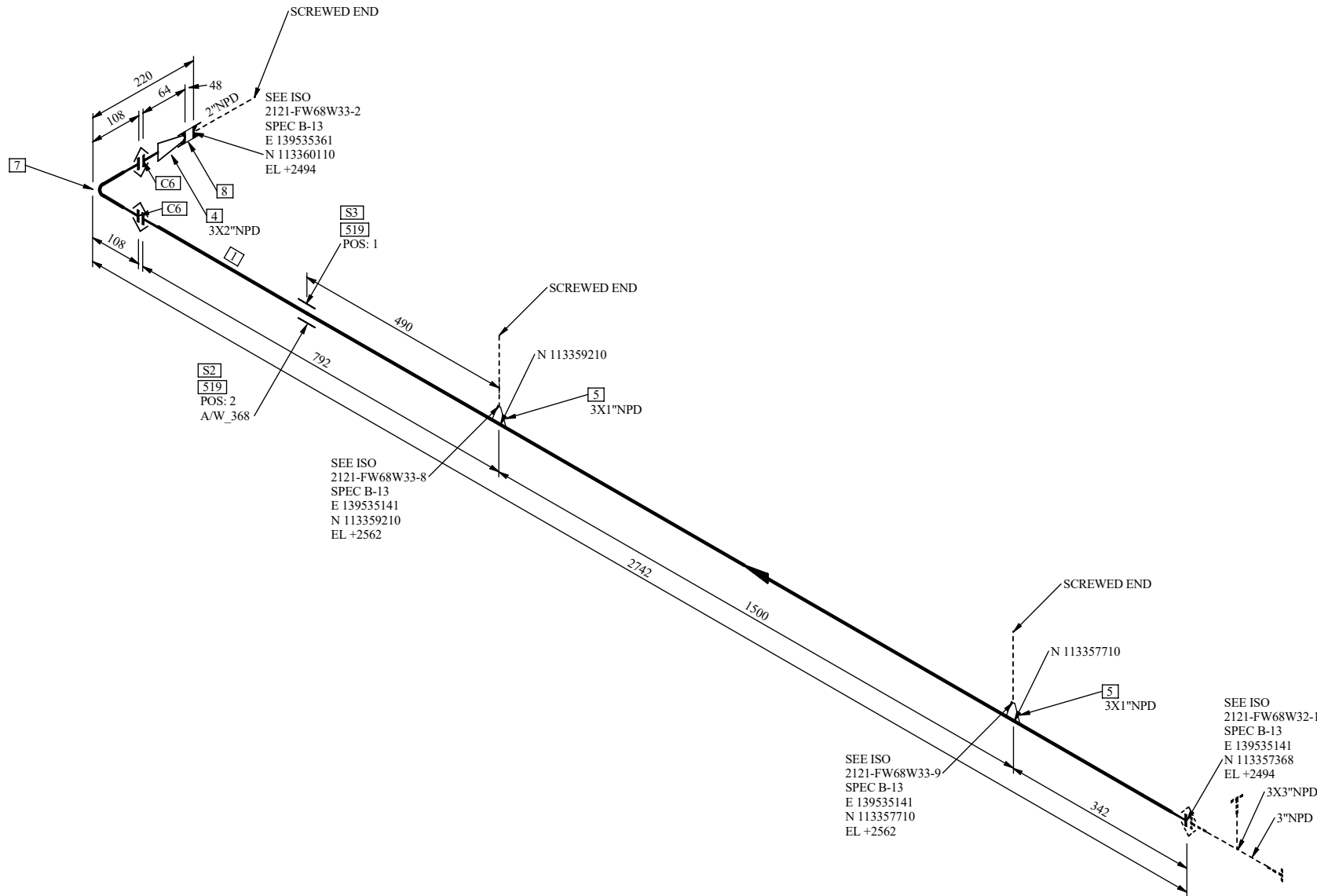







EXTR. DATE: 28-01-2023 08:20:40

STREAM NO.: 74

EXTR. DATE: 28-01-2023 08:20:40



BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A53-B GALV PE SMLS T01AC11Z02 S-STD <PIPG010A13STD> (L-11).	3	11179807	2.7 M	
PIPE SUPPORTS					
2	WELDED BRACKET TO STRUCT. SB01 L80X80X10	3	519	1	
3	U BOLT (FOR GUIDE)-P02D	3	519	1	
FITTINGS					
4	GROOVED END CONC RED MFTR 150# A536 GR. 65-45-12 GALV MGE MTE - R85ADA246W03 Undefined <VR1I0105S1514> (L-VR101)	3X2	158908746	1	
5	MECHANICAL-T MFTR 150# A536 GR. 65-45-12 GALV MGE FTE - R89ADA246204 NREQD <VM2I01024S51512> (L-VM201).	3X1	163999962	2	
6	RIGID COUPLING MFTR 150# A536 GR. 65-45-12 GALV FGE FGE EPDM MANUFACTURER STD R80ADA24YY02 <VRCI01043S53> (L-VRC01)	3	152837076	2	
7	GROOVED END 90 ELBOW MFTR 150# A536 GR. 65-45-12 GALV MGE MGE - R81ADA246602 NREQD <V9A10107S15> (L-V9A01).	3	152836902	1	
8	COUPLING ASME B16.11 3000# A105 GALV FTE FTE - R01FNC022201 NREQD <FCPG300KBK2> (L-8910)	2	1214900	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 FER19.</div>							<div>APPROVED FOR CONSTRUCTION</div> <div>Signature for construction is shown on Iso list of relevant CWA</div>		<div>PIPE MATERIAL</div> <div>CS, Galvanized</div> <div>HEAT TREATMENT (PWHT)</div> <div>-</div> <div>PAINTING SCHEME (3)</div> <div>4</div> <div>PIPING CLASS</div> <div>B-13</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 "<" AND ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".</div>																																																																		
<div>SUPPORTS LEGEND:</div> <div> DENOTES PARTS LIST NO. PIPE SUPPORT  A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.</div>							<div>TITLE</div> <div>ISOMETRIC DRAWING LINE</div> <div>3"-FW-68W33-B-13</div>		<div>WELDING CLASS (4)</div> <div>-</div> <div>PED CATEGORY</div> <div>Art 4.3</div> <div>INSULATION CODE / THK. (mm)</div> <div>N0</div>		<div>CONTRACTOR:</div> <div></div> <div>CONTRACTOR DRAWING NUMBER:</div> <div>4274-XH-DL-2121FW68W33-1</div> <div>PROJECT:</div> <div>4001008</div> <div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS</div> <div>CLIENT / COMPLEX</div> <div>FOR PROJECT - ALBA PROJECT</div> <div>REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div> <div>ANNEX 19</div> <div>SPEC. L</div> <div>DRAWING NUMBER</div> <div>19-000-2-02-00001 sheet 2121FW68W33-1</div> <div>REV.</div> <div>00</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 124</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>LINE LIST N°</td></tr><tr><td>00</td><td>ISSUED FOR CONSTRUCTION</td><td>27-JAN-23</td><td>U.CHAVAN</td><td>P.VAZE</td><td>G.PAGANONI</td><td></td><td>19-L-19-000-2-00-80602</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>PIPE LAYOUT N°</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>19-L-19-000-2-00-86192 sheet 1</td></tr></table>														STRESS CALC. N°								-								P & ID								19-A-19-000-1-01-00001 sheet 124								LINE LIST N°	00	ISSUED FOR CONSTRUCTION	27-JAN-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602								PIPE LAYOUT N°	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86192 sheet 1							
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