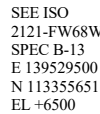



EXTR. DATE: 28-01-2023 07:35:42

28-01-2023 07:35:42



SEE ISO  
2121-FW68W31-7  
SPEC B-13  
E 139529500  
N 113353375  
EL +6500

NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
<u>PIPE</u>					
1	PIPE - A53-B GALV PE SMLS T01AC11Z02 S-STD <PIPG010A13STD> (L-11).	3	11179807	2.3 M	
<u>PIPE SUPPORTS</u>					
2	U BOLT (FOR GUIDE)-P02D	3	516	1	
3	STAKES SUPPORTS ST02 HEA120	3	516	1	
<u>PIPE</u>					
4	PIPE - A53-B GALV MTE SMLS T01AC11W02 S-XS <PIPG010C11XS> (N/A)	1	1145594	0.8 M	
5	PIPE - A53-B GALV MTE SMLS T01AC11W02 S-XS <PIPG010C11XS> (N/A).	1	1145594	0.2 M	
<u>FITTINGS</u>					
6	MECHANICAL-T MFTR 150# A536 GR. 65-45-12 GALV MGE FTE - R89ADA246204 NREQD <VM2I01024S51512> (L-VM201)	3X1	163999962	1	
7	RIGID COUPLING MFTR 150# A536 GR. 65-45-12 GALV FGE FGE EPDM MANUFACTURER STD R80ADA24YY02 <VRCI01043S53> (L-VRC01)	3	152837076	1	
8	CONCENTRIC SWAGE MSS SP-95 - A105 GALV MTE MTE SMLS SCH1-XS SCH2-XS R21FQC02WW01 <CSWG010DR12161016> (L-CSW28)	1X1/2	14198150	1	
9	90 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R31FNC022203 NREQD <90TG300KBK1> (L-8907)	1	1214920	1	
10	90 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R31FNC022203 NREQD <90TG300KBK1> (L-8907).	1	1214920	1	
11	45 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R32FNC022201 NREQD <45TG300KBK1> (L-8908).	1	1214932	1	
12	COUPLING ASME B16.11 3000# A105 GALV FTE FTE - R01FNC022201 NREQD <FCPG300KBK1/2> (L-8910)	1/2	1214895	1	
13	SPECIALTY COMPONENT	1/2	SPRAY NOZZLE	1	



- 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.
- 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-000000002 AND ASSEMBLY NO FEA005 AND FE019.

**SUPPORTS LEGEND:**      1 DENOTES PARTS LIST NO      PIPE ———      A=RESTING SUPPORT      G=GUIDE      F=AXIAL STOP      B=ANCHOR      M=SPRING      S=TEFLON PAD  
SUPPORT ———      WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

							STRESS CALC. N° -
							P & ID 19-A-19-000-1-01-00001 sheet 124
00	ISSUED FOR CONSTRUCTION	27-JAN-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-19-000-2-00-86192 sheet 2

Signature for construction is shown  
on Iso list of relevant CWA

3"-FW-68W31-B-13

PIPE MATERIAL		<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 "&lt;" &amp; "&gt;" DENOTES REPSOL UNICODE. "&lt;N/A&gt;" MEANS UNICODE IS "NOT AVAILABLE".</div>			
CS, Galvanized					
HEAT TREATMENT (PWHT)					
-					
PAINTING SCHEME (3)		<div>CONTRACTOR:</div> <div></div>	<div>CONTRACTOR DRAWING NUMBER:</div> <div>4274-XH-DL-2121FW68W31-8</div>	<div>PROJECT:</div> <div>4001008</div>	
4					
PIPING CLASS					
B-13					
WELDING CLASS (4)		<div><div></div><div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div></div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>			
-					
PED CATEGORY					
Art 4.3					
INSULATION CODE / THK. (mm)		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121FW68W31-8	REV. 00
N 0					