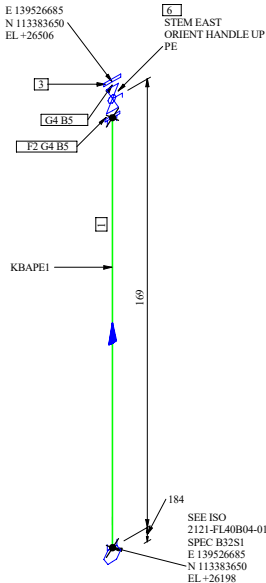



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STREAM NO. 4929    REV. CAUSE ID:   








EXTR. DATE: 27-01-2023 09:39:20



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 , 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 FED019.

SUPPORTS LEGEND:

 DENOTES PARTS LIST NO  
 A=RESTING SUPPORT  
 G=GUIDE  
 F=AXIAL STOP  
 B=ANCHOR  
 M=SPRING  
 S=TEFLO PAD  
WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

								STRESS CALC. N° REP-PE-001
								P & ID 19-A-19-000-1-01-00001 sheet 29
								LINE LIST N° 19-L-19-000-2-00-80602
								PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 7
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT		

APPROVED FOR  
CONSTRUCTION


Signature for construction is shown  
on Iso list of relevant CWA

TITLE  
**ISOMETRIC DRAWING  
LINE**

3/4"-FL-40B08-B32S1 (PS)

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
<b>PIPE</b>					
1	PIPE - A333-6 PE SMLS T01AC22Z02 S-XS <PIPL020A13/4XS> (L-PIP01)	3/4	I146384	0.2 M	
<b>FLANGES</b>					
2	SW FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE SWE 125 - 250 AARH F02CDC07B105 S-XS <SWFL300R153/4XS> (L-7970)	3/4	I820457	1	
3	BLIND FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE NREQD 125 - 250 AARH F10CDC07B005 <BLFL300R153/4> (L-7972)	3/4	I560221	1	
<b>GASKETS</b>					
4	FLAT RING GASKET ASME B16.21 150# RFTBE NA/CARBON/NBR ASME B16.5 G02HDP2Q801 <NMGQ102R1F3/4> (L-NMG17)	3/4	I1655198	2	
<b>BOLTS</b>					
5	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I01OB5301 <SB2R55G1/221/2> - 2 NUTS PER BOLT - 65 mm Length	1/2	I55704809	8	
<b>VALVES / IN-LINE ITEMS</b>					
6	BALL VALVE BS EN ISO 17292 150# A352-LCC RFFE 304/PEEK L7/7 125 - 250 AARH 2PSB-FULL BORE FLOATING BALL LE ASME B16.5 V04FDC82B6L1 NREQD <B43_4L-AL052> (L-AL052)	3/4	I63584718	1	

PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L-45-000-1-00-20160. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "~" & "+" DENOTES REPSOL UNICODE. "~N/A~" MEANS UNICODE IS "NOT AVAILABLE".		
CS, low temperature				
HEAT TREATMENT (PWHT)				
N				
PAINTING SCHEME (3)				
20				
PIPING CLASS				
B32S1				
WELDING CLASS (4)				
M				
PED CATEGORY				
II				
INSULATION CODE / THK. (mm)				
PS 50				
CONTRACTOR:		CONTRACTOR DRAWING NUMBER:	PROJECT:	
		4274-XH-DL-2121FL40B08-1	4001008	
LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT				
CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX				
ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121FL40B08-1	REV. 00	