

 TECNIMONT Tecnimont S.p.A.	 REPSOL REPSOL POLIMEROS SA	4274_CONST 4274-ALBA PROJECT-PP AND PEL PLANTS	
MOD-ITP-XL_220 RELEASE OF SPOOLS FROM WORKSHOP Rev.1		Report n° IP-WSR-P-310-000022_MOD-ITP-XL_220 RFI Nr.: 554	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000022 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:


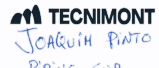
2121-FL41C01-3-SP05;2121-FL41C01-3-SP04;2121-FL41B02-2-SP05;2121-FL41B02-2-SP04;2121-FL41B02-2-SP03;2121-FL41B02-1-SP02;2121-FL41B02-1-SP01;2121-FL41A01-3-SP04;2121-FL41A01-3-SP03;2121-CWS91J51-1-SP01;2121-VA40E02-3-SP04;2121-VA40E02-3-SP03;2121-VA40E02-2-SP02;2121-VA40E02-1-SP01;2121-VA40E01-3-SP04;2121-VA40E01-3-SP03;2121-VA40E01-2-SP02;2121-VA40E01-1-SP01

NOTES (\*): 4274-XH-PQ-00000001

1) Painting cycle to be indicated.

2) Refer to: 4274-LZ-PC-00000214 (COMPANY 4001008GEN-PC-214) "Management of Site Metallic Welding Activities" and 4274-LZ-PC-00000215 (COMPANY 4001008GEN-PC-215) "Procedure for Traceability of Piping Material"

3) Refer to: 4274-XH-SG-00000003 (COMPANY 45-L-45-000-2-00-80005) "Specification for Piping Fabrication & Erection Amendment to EC-L-51.01 and EC-L-51.02" and 4274-XH-PQ-00000001 (COMPANY 45-L-45-000-2-00-80081) "Inspection and Test Plan for Steel Piping Works"

 L. Gomes NWI	 JOAQUIM PINTO PIPING SUP. Joaquim Pinto															
LEGEND OF CHECK RESULT <input checked="" type="checkbox"/> Checked & NOT Accepted <input checked="" type="checkbox"/> Checked & Accepted N.A. Not Applicable <input checked="" type="checkbox"/> Punch List Produced	<table border="1"> <thead> <tr> <th>Date [DD-MMM-YYYY]</th> <th>Name</th> <th>Signature</th> </tr> </thead> <tbody> <tr> <td>30/11/2023</td> <td>Patricia Texeira</td> <td>Patricia Texeira</td> </tr> <tr> <td>30/11/2023</td> <td>Luis Garcia</td> <td>Luis Garcia</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>(Free)</td> <td></td> <td></td> </tr> </tbody> </table>	Date [DD-MMM-YYYY]	Name	Signature	30/11/2023	Patricia Texeira	Patricia Texeira	30/11/2023	Luis Garcia	Luis Garcia				(Free)		
Date [DD-MMM-YYYY]	Name	Signature														
30/11/2023	Patricia Texeira	Patricia Texeira														
30/11/2023	Luis Garcia	Luis Garcia														
(Free)																

# ISO Summary List

# 22635 / 1795

Page 1

Client TECNIMONT/REPSOL

Job # 22635

% RT/UT

Local Portugal

Project 4274 ALBA-I007 Piping Fabrication

% PT/MT

ISO # 2121-VA40E02-3

Revision 00

Priority 6

Piping Size/Class 3-B32S1

PED Category Art 4.3

Assessment Inspection/Results

Spool	Weld#	Joint	Product Description	Seq. N.	Heat #	M.Certificate	FM-Dos	WPS	WeldDate/Stamp	VT	NDT-PT/MT	NDT-RT/UT	NDT-PMI/HT	NDT-PN	NDT-FT	Extension 1	Extension 2
01	04	S14	BW 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ 3" PIPE - A333-6 BE SMLS ✓	349	793850 ✓	CE23002033_3_1_01	6 Varela F	MW.23_BW	11/10/2023	VT-I-045							
02	04	S13	BW 3" PIPE - A333-6 BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	125	23102062 ✓	23503488	PVX2210111	MW.23_BW	11/10/2023	VT-I-045							
03	03	S11	BW 3" PIPE - A333-6 BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	349	793850 ✓	CE23002033_3_1_01	6 Varela F	MW.23_BW	11/10/2023	VT-I-045							
05	03	S10	BW 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ 3" PIPE - A333-6 BE SMLS ✓	125	23102062 ✓	23503488	PVX2210111	MW.23_BW	11/10/2023	VT-I-045							

## Notes

BW-Butt Weld; FW-Fillet Weld; LW-Lap Weld; SW-Socket Weld; TBW-Tee Butt Weld

PT-Penetrant Test; MT-Magnetic Test; RT-Radiographic Test

UT-Ultrasonic Test; PMI-Positive Material Identification

HT-Hardness Test; PN-Pneumatic Test; FT-Ferrites Test

## Remarks

## APPROVED QC

Name: Patricia Teixeira

Date: 30/11/2023

Sign: Patricia Teixeira

## APPROVED by Client

Name: L. Gomes

Date: 30/11/2023

Sign: L. Gomes

## APPROVED by 3rd party or AI

Name:

Date:

Sign:





FLUID CODE: VA				LINE DATA			
PIPING MATERIAL CLASS				INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE
B32S1				N / O	M	N	1
P&ID No.				19-A-19-000-1-01-00001 sheet 35			
00	06-09-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D		

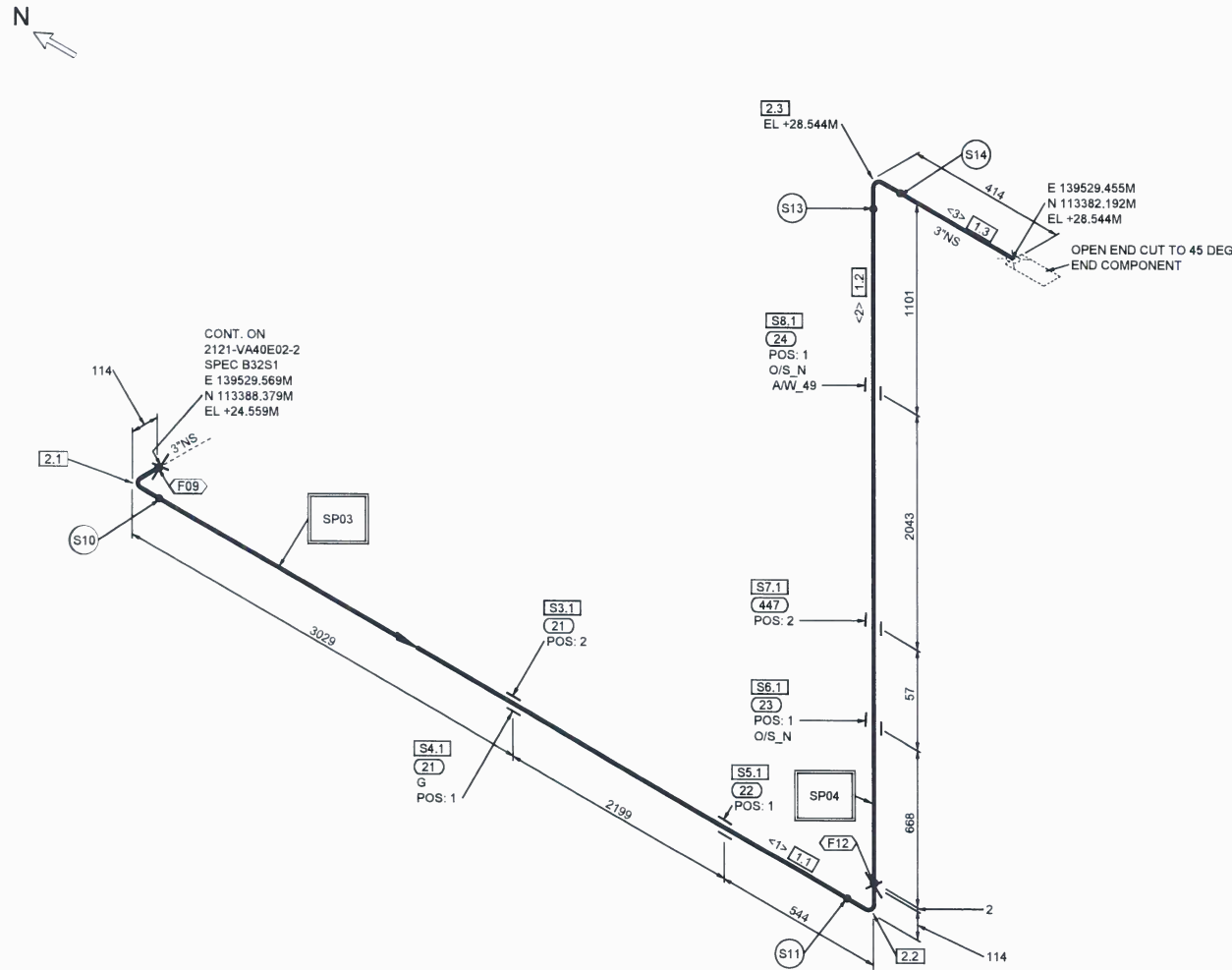
Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT SINES INDUSTRIAL COMPLEX	CLIENT REF REPSOL POLYMEROS	JOB	4274	AREA	XHDL	2121	VA40E02
PIPING ISOMETRIC LIST	PIPING SUPPORT SPECIFICATION	UNIT	19	SHEET	3	REV	00
PIPING ISOMETRIC LIST	PIPING TYPICAL INSTALLATIONS	PIPING STANDARD SUPPORT SUMMARY	XH-LP-000000001	WELDING SPECIFICATION	XH-SW-000000001		

## BILL OF MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE - A333-6 BE SMLS T01AC22V02 S-STD <P1020B13STD> (L-8199).	3	1146278	9.6 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> (L-7966).	3	1213645	3	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3	SUPPORTS VERT. TRESTLES WELDED TO STR TR34 HEA120	3	21	1	
4	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	21	1	
5	VERT. TRESTLES WELDED TO STR TR34 HEA120	3	22	1	
6	U BOLT (FOR GUIDE)-P02D	3	23	1	
7	WELDED BRACKET TO STRUCT. SB35 - HEA120	3	447	1	
8	U BOLT (FOR GUIDE)-P02D	3	24	1	

CUT LIST			WELD LIST			BOLT LIST			
PIECE NO	LENGTH (MM)	SIZE (IN)	WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE	BOLT NO	FLANGE SIZE (IN)	LENGTH (MM)
<1>	5540	3"	F09	F	3"	BW			
<2>	3953	3"	S10	S	3"	BW			
<3>	298	3"	S11	S	3"	BW			
			F12	F	3"	BW			
			S13	S	3"	BW			
			S14	S	3"	BW			
INCH METER									
PIPE NS (IN)					CL LENGTH (M)				
3					10.2				
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40E02-3-IS00								SPOOLING REV NO. 00	



TECNIMONT  
JOAQUIM PINTO  
PIPING SUP  
AS BUILT

MECWIDE (Prep.: TG, PROC. NR. PCL 22635)  
Status: IFC Date: 06-09-2023 Rev: 00  
Dimensional: Before Welding: 10/10/2023  
After Welding: 11/10/2023  
\* Assinilate deviation in the drawings ("x n" or "n")  
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)

**AUTHORISED FOR CONSTRUCTION**

SIGNED FOR CONSTRUCTION IS SHOWN ON ISO LIST FOR RELEVANT PIPING AREA

JOINT TYPE	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT
BW	G	BW	B	LET	LET	BOB	B
PW	B	BB	B	LP	RP	BOF	B
LA	RP	BLW	B	MTW	M	THD	TH

1 DENOTES PARTS LIST NO  
PIPE SUPPORT  
A = RESTING SUPPORT G = GUIDE F = AXIAL RESTRAINT B = GUIDE + STOP M = SPRING  
WHERE A WITHOUT NUMBERING IS INDICATED THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE

PROJECT: LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP)  
FOR PROJECT - ALBA PROJECT