

 TECNIMONT Tecnimont S.p.A.	 <b>REPSOL</b> REPSOL POLIMEROS SA	4274_CONST 4274-ALBA PROJECT-PP AND PEL PLANTS	
<b>MOD-ITP-XL_220</b> Rev.1		<b>RELEASE OF SPOOLS FROM WORKSHOP</b>	Report n° <b>IP-WSR-P-310-000026_RFI671_MOD-ITP-XL_220</b>
		RFI Nr.: <b>671</b>	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number <b>IP-WSR-P-310-000026_RFI671 - IP Spool Release From Workshop</b>			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VZ40P01-3-SP01;2121-VG40Z03-2-SP01-ZZ;2121-VG40P14-1-SP03;2121-VG40P14-1-SP02;2121-VG40P14-1-SP01;2121-VA49A07-1-SP01;2121-VA40Y02-1-SP02;2121-VA40Y02-1-SP01;2121-VA40U10-2-SP02;2121-VA40U10-1-SP01;2121-VA40U02-2-SP03;2121-VA40U02-2-SP02;2121-VA40U02-1-SP01;2121-MOD40Z24-1-SP01;2121-LPN91S10-1-SP04;2121-LPN91S10-1-SP03;2121-LPN91S10-1-SP02;2121-LPN91S10-1-SP01;2121-CWS91J51-2-SP03;2121-CWS91J51-2-SP02;2121-CWR40B12-2-SP04;2121-CWR40B12-2-SP03;2121-CWR40B12-2-SP02;2121-CWR40B12-1-SP01;2121-CWR40B06-2-SP01;2121-CWR40B06-1-SP03;2121-CWR40B06-1-SP02-ZZ;2121-CWR40B04-1-SP04;2121-CWR40B04-1-SP03;2121-CWR40B04-1-SP02;2121-CWR40B04-1-SP01;2121-CWR40B01-1-SP02;2121-CWR40B01-1-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  
 R ☒  
 W ☐  
 18/12/2023

LEGEND OF CHECK RESULT	<input checked="" type="checkbox"/> Checked & NOT Accepted	<input checked="" type="checkbox"/> Checked & Accepted	N.A. Not Applicable	Y / N	Punch List Produced
	Date [DD-MMM-YYYY]	Name	Signature		
SUBCONTRACTOR	18/12/2023	Patricia Texeira	Patricia Texeira		
CONTRACTOR	18/12/2023	Joacuin Pinto	Joacuin Pinto PIPING SUBC TEN		
COMPANY					
(Free)					

# ISO Summary List

# 22635 / 1635

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40U02-2**

Revision **00**

Priority **6**

Piping Size/Class **3-1C2**

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	03	S17	BW 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	228	215148	CE23002054_3.1.01	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
			PIPE - A106-B BE SMLS	17	23211709	23310546	PVX1312824		S46								
03	02	S12	BW 3" PIPE - A106-B BE SMLS	17	23211709	23310546	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
			3" 45 LR ELBOW ASME B16.9 A234-WPB BE S	394	215148	CE23002008_3.1.01	PVX1312824		S46								
04	02	S13	BW 3" 45 LR ELBOW ASME B16.9 A234-WPB BE S	394	215148	CE23002008_3.1.01	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
			3" PIPE - A106-B BE SMLS	17	23211709	23310546	PVX1312824		S46								
05	02	S14	BW 3" PIPE - A106-B BE SMLS	17	23211709	23310546	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	228	215148	CE23002054_3.1.01	PVX1312824		S46								
07	03	S16	BW 3" PIPE - A106-B BE SMLS	17	23211709	23310546	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	228	215148	CE23002054_3.1.01	PVX1312824		S46								

## 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: *18/12/2023*

Sign: *Patricia Teixeira*

## APPROVED by Client

Name: **TECNIMONT**

Date: *18/12/2023*

Sign: *[Signature]*

## APPROVED by 3rd party or AI

Name:


Date:

Sign:





					LINE DATA						
					FLUID CODE: VA			LINE NO. 3"-VA-40U02-1C2			
					PIPING MATERIAL CLASS		INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.
00	01-09-2023	ISSUED FOR CONSTRUCTION			TG	MW	TM				
REV	DATE	REVISION DESCRIPTION			DRAWN UP	CHKD UP	APP'D	1C2	N / O	E	N
										1	19-A-19-000-1-01-00001 sheet 48

		PIPING ISOMETRIC		IDENTIFICATION CODE					
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		Job	E/C/T	Area	N		
				4274	XHDL	2121	VA40U02		
				UNIT	19	SHEET	2	REV	00
REFERENCE	PIPING ACTUALLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY		E/C/T		N
	19-L-19-000-2-00-86195 sheet 8		XH-SG-00000002		XH-LP-00000001		E/C/T		N
	PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION		E/C/T		N
	XH-LD-21210001		XH-SL-00000002		XH-SW-00000001		E/C/T		N

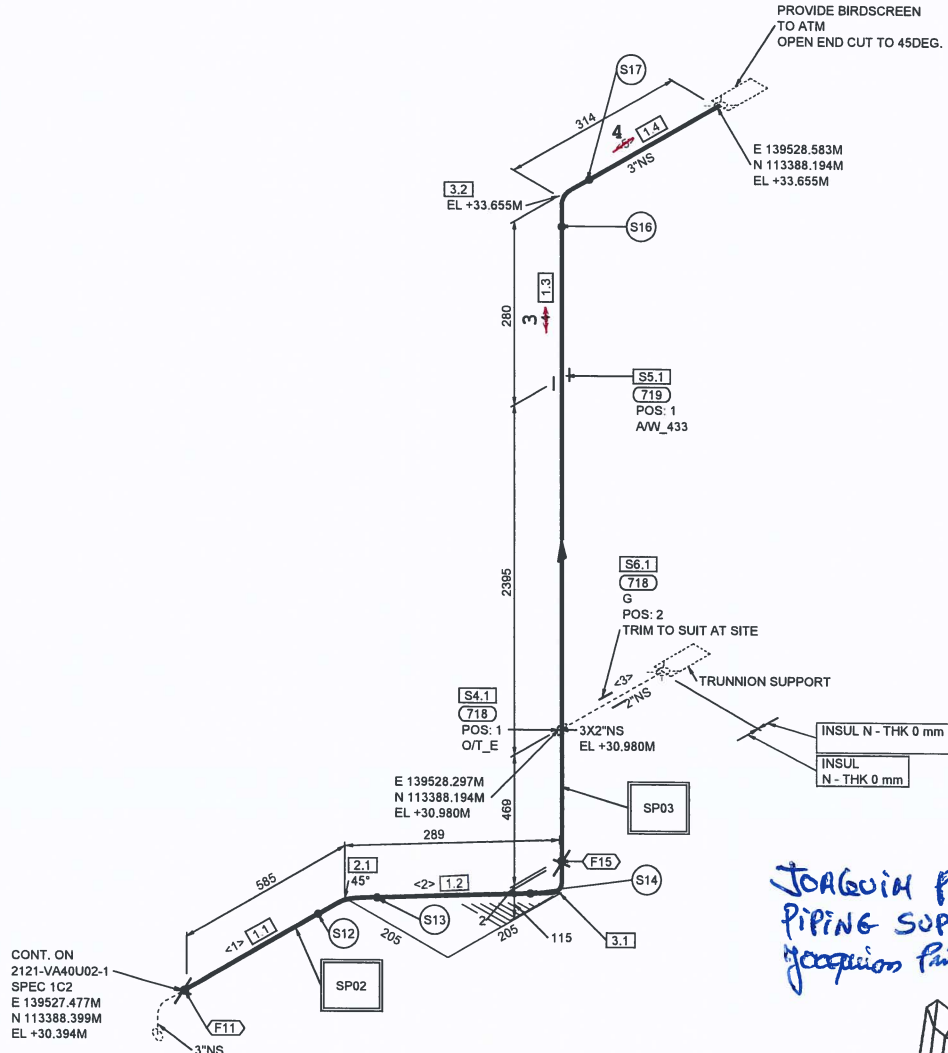
## BILL OF MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806)	3	1117921	3.9 M	
2	FITTINGS 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-STD <45LA200F33STD> (L-7956)	3	1201301	1	
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955)	3	1128599	2	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
4	SUPPORTS WELDED EXTENSIONS-EW05 DN2 = 2 L = 300	3	718	1	
5	U BOLT (FOR GUIDE)-P020	3	719	1	
6	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	718	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)	SIZE (IN)	LENGTH (MM)
<1>	<del>633</del>	3"	F11	F	3"	BW				
<2>	<del>999</del>	3"	S12	S	3"	BW				
<3>	120	3"	S13	S	3"	BW				
<4>	<del>999</del>	3"	S14	S	3"	BW				
	198	3"	F15	F	3"	BW				
			S16	S	3"	BW				
			S17	S	3"	BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3		7.3	
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40U02-2-4S00							SPOOLING REV NO. 00			

PROVIDE BIRDSCREEN  
TO ATM  
OPEN END CUT TO 45DEG.



JOAQUIM PINTO  
PIPING SUP TCM  
joaquim pinto 18/12/2023



M MECWIDE	Prep: TG	PROC. NR: PCL 22635
Dimensional:	Status: IPC	Date: 01-09-2023 Rev: 00
Before Welding	Signature:	
After Welding	Signature:	
* Assimilate deviation in the drawings ("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	JOINT TYPE	WELD TYPE OF JOINT	JOINT TYPE	WELD TYPE OF JOINT	JOINT TYPE	WELD TYPE OF JOINT
BW	G	BW	B	LET	LET	BOB	B
PW	G	BW	B	LP	RF	BOF	B
LA	RF	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