

 Tecnimont S.p.A.	 REPSOL REPOL POLIMEROS SA	4274_CONST 4274-ALBA PROJECT-PP AND PEL PLANTS	
MOD-ITP-XL_220 Rev.1		RELEASE OF SPOOLS FROM WORKSHOP	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"

TECNIMONT  
L. Gomes  
NWI

TECNIMONT  
JOAQUIM PINTO  
PIPING SUP  
Joaoquin Pinto

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
SUBCONTRACTOR	Date [DD-MMM-YYYY]	Name	Signature	
CONTRACTOR	30/11/2023	Patricia Texeira	Patricia Texeira	dc
COMPANY	30/11/2023	Luis Garcia		
(Free)				

# ISO Summary List

# 22635 / 1792

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40E01-3**

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	349	793850	CE23002033_3_1_01	6.Varela F	MW.23_BW	11/10/2023	VT-I-045						
			3" PIPE - A333-6 BE SMLS	125	23102062	23503488	PVX2210111		S138								
02	04	S13	BW	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						
			3" PIPE - A333-6 BE SMLS	125	23102062	23503488	PVX2210111		S138								
04	03	S11	BW	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						
			3" PIPE - A333-6 BE SMLS	125	23102062	23503488	PVX2210111		S138								
05	03	S10	BW	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	RT-RT-I-0224					
			3" PIPE - A333-6 BE SMLS	125	23102062	23503488	PVX2210111		S138								

**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: **TECNIMONT**

Date: *L.Gomes*

Sign: *L.Gomes*
**APPROVED by 3rd party or AI**

Name:

Date:

Sign:





FLUID CODE: VA				LINE DATA			
PIPING MATERIAL CLASS				LINE NO. 3"-VA-40E01-B32S1			
00	06-09-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	B32S1	N / 0
						M	N
						1	19-A-19-000-1-01-00001 sheet 34

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS			Job	ECT	Area	N
				4274	XHDL	2121	VA40E01
				UNIT	19	SHEET	3
							REV 00
PIPING ISOMETRIC LIST	PIPING SUPPORT SPECIFICATION	PIPING TYPICAL INSTALLATIONS	PIPING S. AVOIDED SIF	SUMMARY			
19-A-19-000-1-01-00001 sheet 6	XH-SG-000000002	XH-SL-000000002	XH-LP-000000001				

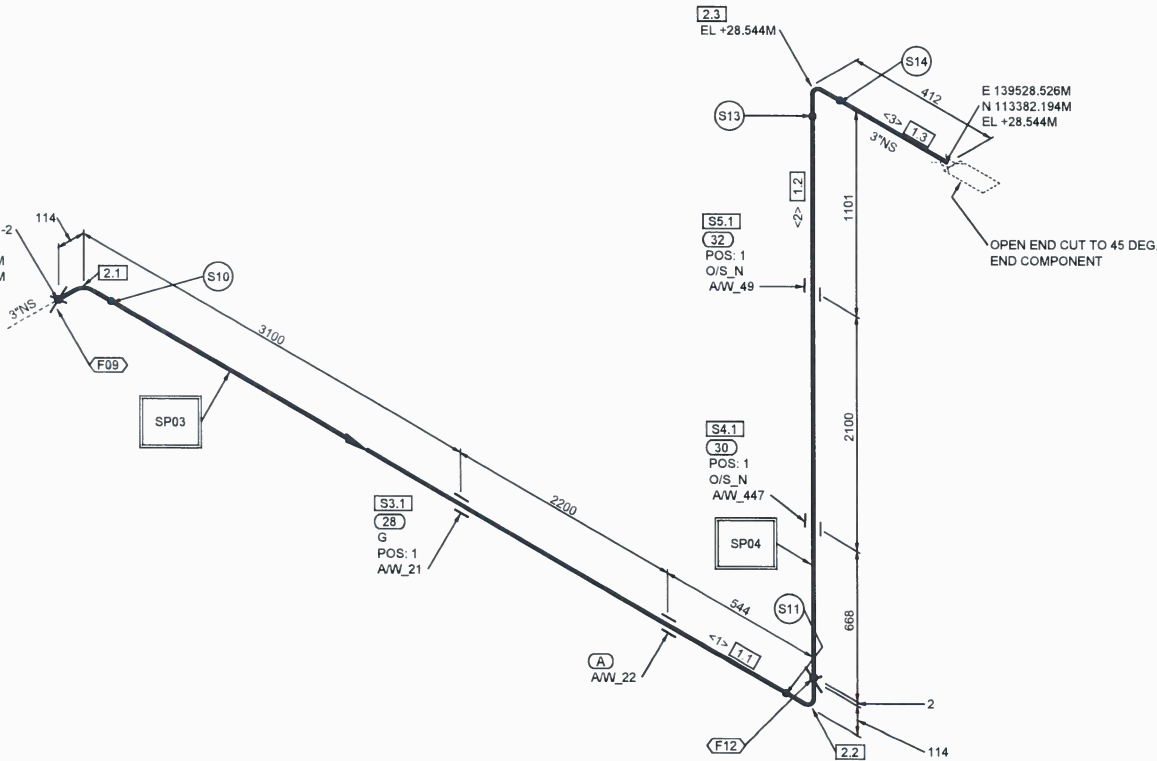
## BILL OF MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A333-6 BE SMLS T01AC22V02 S-STD <PIPL020B13STD> (L-8199).	3	I146278	9.7 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> (L-7966)	3	I213645	3	




PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3	SUPPORTS STANDARD GUIDE FOR NOT INS PIPING-N1G1	3	28	1	
4	U BOLT (FOR GUIDE)-P020	3	30	1	
5	U BOLT (FOR GUIDE)-P020	3	32	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>	5612	3"	F09	F	3"	BW				
<2>	<del>4756</del> 3853	3"	S10	S	3"	BW				
<3>	296	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		10.3	
							</			

CONT. ON  
2121-VA40E01-2  
SPEC B32S1  
E 139526.411M  
N 113389.450M  
EL +24.559M



TECNIMONT  
Joaquín Pinto  
PIPING SUP.  
Joaquín Pinto  
AS BUILT

 <b>MECOWIDE</b> <small>CONSTRUTORA DE EQUIPAMENTOS</small>	Prep.: TG	PROC. NR: PCL 22635
	Status: IFC	Date: 06-09-2023 Rev.
Dimensional	Signature:	
Before Welding	10/10/2023 	
After Welding	11/10/2023 	
* Asseslate 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	ISBEL TYPE OF JOINT	ISBEL TYPE OF JOINT	ISBEL TYPE OF JOINT	ISBEL TYPE OF JOINT	ISBEL TYPE OF JOINT	ISBEL TYPE OF JOINT	ISBEL TYPE OF JOINT
BM	G	SW	B	LET	LET	SOB	B
FW	B	SB	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