




 Tecnimont S.p.A.	 REPSOL REPSOL 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-310-000005_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000005 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA40U07-2-SP03;2121-VA40U07-2-SP02;2121-VA40U05-2-SP03;2121-VA40U05-2-SP02;2121-VA40R01-2-S
P04;2121-VA40R01-2-SP03;1211-VA00020-1-SP01;1211-VA00017-1-SP01;1211-VA00015-1-SP01;1211-VA00014-1
-SP01;1211-VA00013-1-SP01;2121-VA00037-1-SP01;2121-VA00025-1-SP01;2121-VA00033-1-SP01;2121-VA00032
-1-SP01;2121-VA00030-1-SP01;2121-VA49A08-2-SP03;2121-VA49A08-2-SP02;2121-VA49A01-2-SP02;2121-VA40
N01-2-SP03;2121-VA40N01-2-SP02;2121-VA49A07-2-SP03;2121-VA49A07-2-SP02;2121-VA00027-1-SP02;2121-V
A00027-1-SP01;2121-VA00026-1-SP02;2121-VA00026-1-SP01;1111-OG53001-1-SP01

 **TECNIMONT**
JOAQUIM PINTO
PIPING SUP.
Joachim 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
	Date [DD-MM-YYYY]	Name	Signature		
SUBCONTRACTOR	19/09/2023	F. Almeida			
CONTRACTOR	19/09/2023	Luis Gauer			
COMPANY					
(Free)					

ISO Summary List

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Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40U07-2**

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	Repair 1	Repair 2
01	03	S10	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 228	215148	CE23002054_3.1.01	5 Varela	MW.20_BW	22/08/2023	VT-I-008						
			3" PIPE - A106-B BE SMLS	✓ 17	23211709	23310546	PVX1312824		S71								
02	03	S09	BW	3" PIPE - A106-B BE SMLS	✓ 17	23211709	23310546	5 Varela	MW.20_BW	22/08/2023	VT-I-008	RT: RT-I-071-A					
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 228	215148	CE23002054_3.1.01			S71								
03	03	F08	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 228	215148	CE23002054_3.1.01										
			3" PIPE - A106-B BE SMLS	✓ 17	23211709	23310546											
04	02	S07	BW	3" PIPE - A106-B BE SMLS	✓ 17	23211709	23310546	5 Varela	MW.20_BW	22/08/2023	VT-I-008						
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 228	215148	CE23002054_3.1.01	PVX1312824		S71								
05	02	F06	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S													
			3" PIPE - A106-B BE SMLS	✓ 17	23211709	23310546											

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: *Fernando*

Date: *19/09/23*

Sign: *[Signature]*

APPROVED by Client

Name: *W. Vatsivelos*

Date: *19/09/23*

Sign: *[Signature]*

APPROVED by 3rd party or AI

Name:

Date:

Sign:



						LINE DATA						
						FLUID CODE: VA		LINE NO. 3"-VA-40U07-1C2				
						PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.	
00	10-08-2023	ISSUED FOR CONSTRUCTION		TG	MW	TM						
REV	DATE	REVISION DESCRIPTION		DRAWN UP	CHKD UP	APP'D	1C2	N / 0	E	N	1	19-A-19-000-1-01-00001 sheet 49

		PIPING ISOMETRIC		IDENTIFICATION CODE			
		Job		Area		Code	
		4274		XHDL		2121	
		UNIT		SHEET		REV	
		19		2		00	

PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS					
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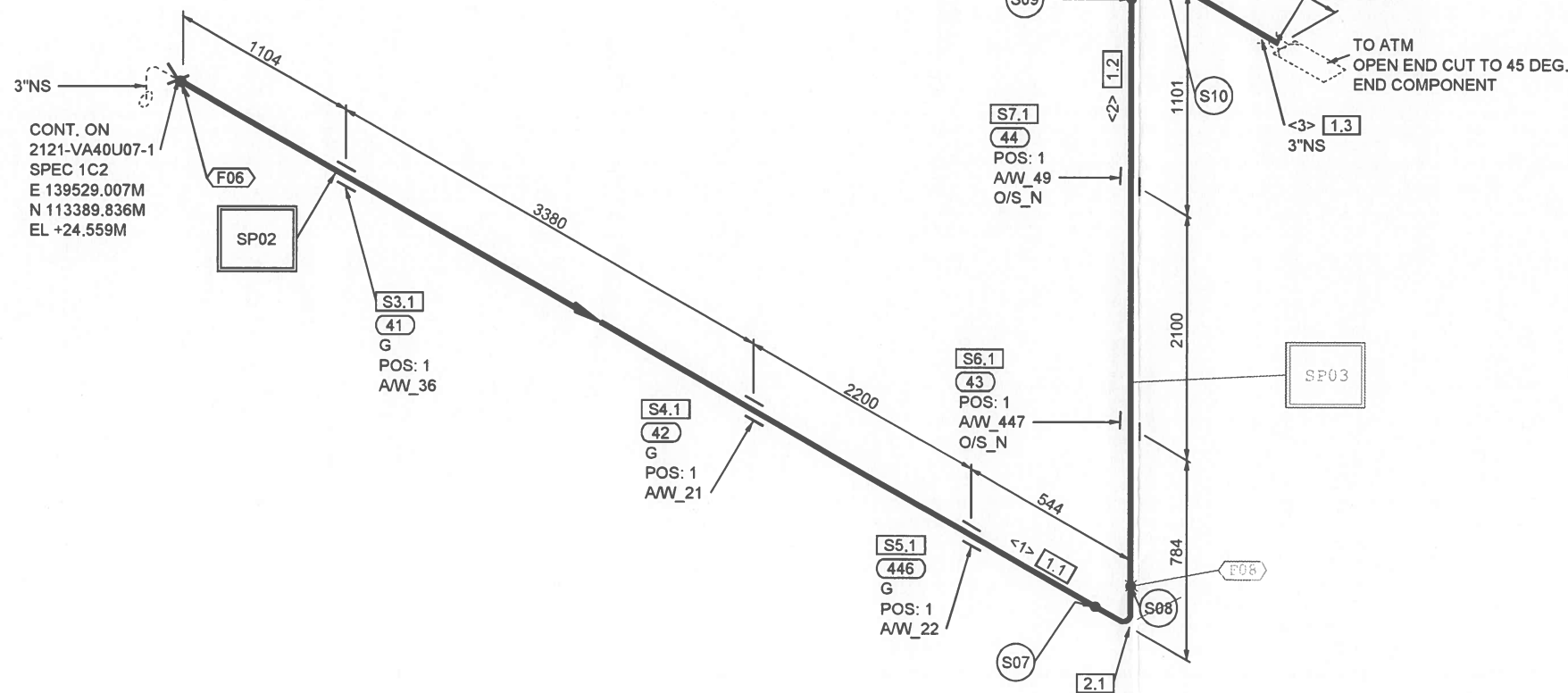
PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY			
19-L-19-000-2-00-86196 sheet 6		XH-SG-00000002		XH-LP-00000001			
PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION			
XH-LD-21210001		XH-SL-00000002		XH-SW-00000001			

BILL OF MATERIALS


PS NO		DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1		PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806).	3	I117921	11.2 M	
2		FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	I128599	2	

PS NO		DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3		SUPPORTS STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	41	1	
4		STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	42	1	
5		STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	446	1	
6		U BOLT (FOR GUIDE)-P02D	3	43	1	
7		U BOLT (FOR GUIDE)-P02D	3	44	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>	7112	3"	F06	F	3"	BW				
<2>	3752	3"	S07	S	3"	BW				
<3>	296	3"	S08	S	3"	BW				
			S09	S	3"	BW				
			S10	S	3"	BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3		11.6	
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40U07-2-1S00										SPOOLING REV NO. 00



TECNIMONT
JOAQUIM PINTO
PIPING SUP.
Joachim Pinto
AS BUILT

	MECOWIDE	Prep.:	TG	PROC. NR:	PCL 22635
		Status:	IFC	Date:	10-08-2023 Rev: 00
Dimensional:		Signature:			
Before Welding		21/08/2023			
After Welding		22/08/2023			
* Assinalate deviation in the drawings ("+" or "-").					
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo OK)					

AUTHORISED FOR CONSTRUCTION

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

LEGENDS	JOINT TYPE	HMEL. TYPE OF JOINT	JOINT TYPE	HMEL. TYPE OF JOINT	JOINT TYPE	HMEL. TYPE OF JOINT	JOINT TYPE	HMEL. TYPE OF JOINT
BW	G	SW	S	LET	LET	S08	S	
FW	S	SIB	B	LF	RF	SOF	S	
LA	RF	SLW	S	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