

 Tecnimont S.p.A.	 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-310-000055_RFI1119_MOD-ITP-XL_220	
		RFI Nr.: 1119	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000055_RFI1119 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:




2211-VRG50A09-1-SP02;2211-VRG50A09-1-SP01;2211-VRG50A08-1-SP11;2211-VRG50A08-1-SP07;2211-VRG50A08-1-SP06;2211-VRG50A08-1-SP05;2211-FL50A02-4-SP09;2211-FL50A02-4-SP08;2211-CWR40G04-3-SP04;2211-CWR40G04-2-SP03;2211-CWR40G04-2-SP02;2211-CWR40G04-1-SP01;2211-CWR40B02-3-SP04;2211-CWR40B02-3-SP03;2121-VRG41B13-1-SP05;2121-VG40P02-1-SP01;2121-FL40K02-1-SP02;2121-FL40K02-1-SP01;2121-FL40C01-3-SP04;2121-FL40C01-3-SP03;2121-ET40F04-1-SP02;2121-ET40F04-1-SP01;2121-ET40A07-7-SP04;2121-CWS40G04-1-SP03;2121-CWS40G04-1-SP02;2121-CWS40G04-1-SP01;2121-CWS40G03-2-SP02;2121-CWS40G03-1-SP01-ZZ;2121-CWR40B02-3-SP07;2121-CWR40B02-3-SP06;2121-CWR40B02-1-SP11;2121-CWR40B02-1-SP02;2121-CWR40B02-1-SP01;2121-COM40B01-1-SP02;2121-COM40B01-1-SP01;2121-BU10C13-2-SP05;2121-BU10C13-2-SP04

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 20/02/2024	 Pinto Joaquim Mechanical Piping Spv. Joaquim Pinto 20/02/2024	JOT Amora 20/02/2024  NoBo 1155		
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] 20/02/2024	Name Patricia Teixeira	Signature Patricia Teixeira	
CONTRACTOR				
COMPANY				
(Free)				



ISO Summary List

22635 / 1777

Page 1

Client **TECNIMONT/REPSOL**
Local **Portugal**

Job # **22635**
Project **4274 ALBA-I007 Piping Fabrication**

% RT/UT
% PT/MT

ISO # **2121-FL40C01-3**
Piping Size/Class **10-B32S1**

Revision **00**
PED Category **II**

Priority **6**
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	S15	BW	10" PIPE - A333-6 BE SMLS ✓ 10" 90 LR ELBOW ASME B16.9 A420-WPL6 BE	128 375	23302304 ✓ 913548 ✓	23503485 CE23002068_3.1.01	6.Vareta F - PVX2210111 9.Eletrodo F - SFX1211951	MW.24_BW	05/10/2023 S138	VT-I-041							
02 03	F13	BW	10" PIPE - A333-6 BE SMLS ✓			23302304											
03 03	SF02	FT	10" PIPE - A333-6 BE SMLS ✓	128	23302304 ✓	23503485											
04 03	F14	BW	10" PIPE - A333-6 BE SMLS ✓ 10" PIPE - A333-6 BE SMLS ✓	128 128	23302304 ✓ 23302304 ✓	23503485 23503485											
05 04	SF03	FT	10" PIPE - A333-6 BE SMLS ✓	128	23302304 ✓	23503485											

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: *19/02/2024*
Sign: *Patricia Teixeira*

APPROVED by Client

Name: **TECNIMONT**
Date: *L.Gomes*
Sign: *NWI*

APPROVED by 3rd party or AI

Name: *JOAQUIM AMARAL*
Date: *20/02/2024*
Sign: *SGS*

SGS
No 80 1155

PUNCH LIST

SHEET

1 / 1

DOC.CLASS

1

ISSUE

01



ISO ID: 2121 - FL40C01 - 3

[illegible]

Pinto Joaquim
Mechanical Piping Spv.

Yoaquim Pinto
20/02/2024

NOTES AND REMARKS



L. Gomes
NWI

R	
W	

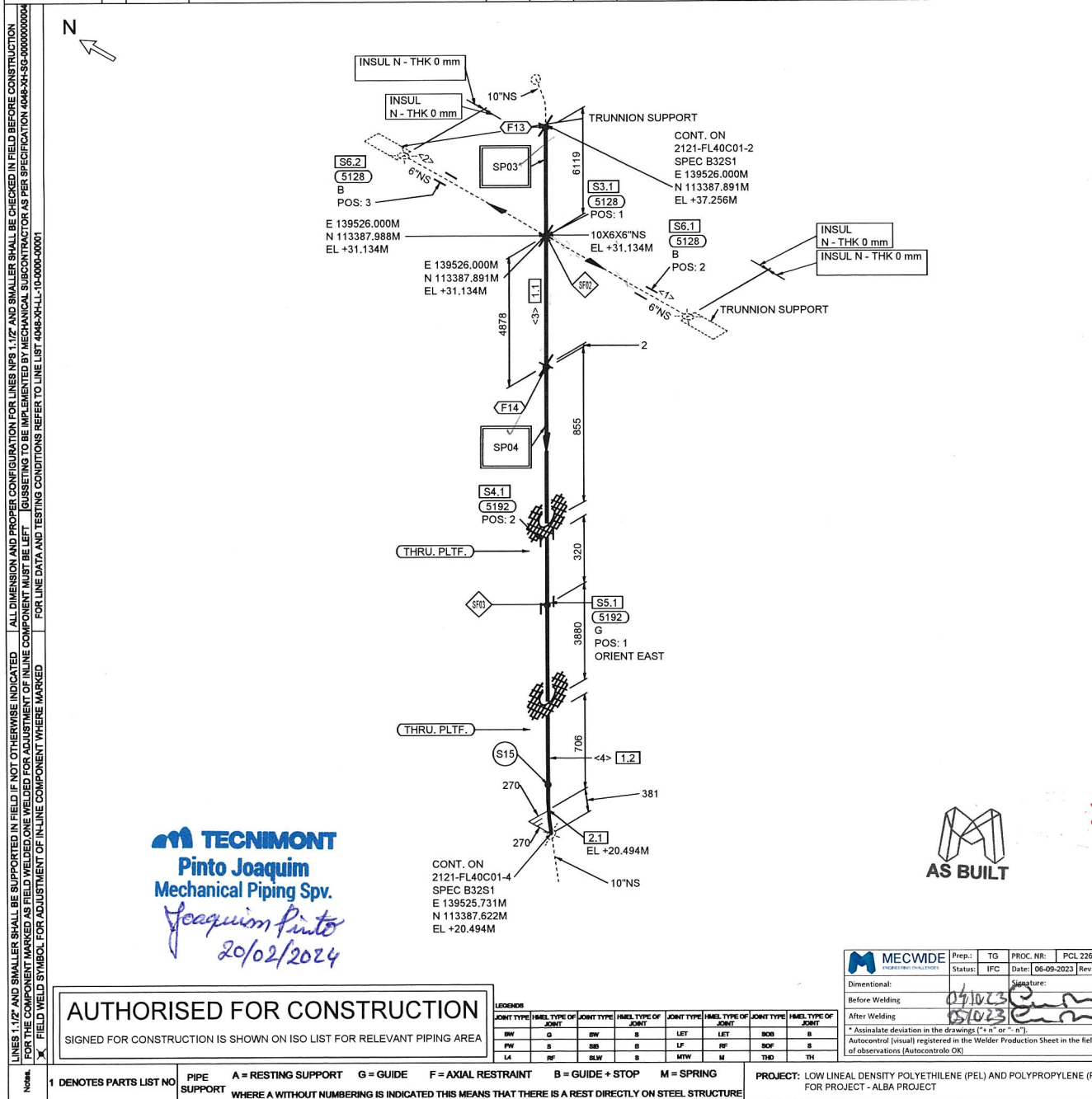
Volatzal

	DATE (dd-Mmm-YYYY)	NAME	SIGNATURE
SUBCONTRACTOR			
CONTRACTOR			
COMPANY			
(Free)			



LINE DATA									
FLUID CODE: FL					LINE NO. 10"-FL-40C01-B32S1				
PIPING MATERIAL CLASS			INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.		
B32S1			N / O	M	N	1	19-A-19-000-1-01-00001 sheet 31		
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			
Job	E/C	T	Area	N			
4274	XHDL	2121	FL40C01				
UNIT	19	SHEET	3	REV	00		
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS					
PIPING ATTACHE DRAWING		E C T N	PIPING SUPPORT SPECIFICATION	E C T N	PIPING STANDARD SUPPORT SUMMARY	E C T N	
19-L-19-000-2-00-86196 sheet 8		XH-SG-00000002	XH-SG-00000002	XH-SG-00000002	XH-LP-00000001	XH-LP-00000001	
PIPING ISOMETRIC LIST		E C T N	PIPING TYPICAL INSTALLATIONS	E C T N	WELDING SPECIFICATION	E C T N	
XH-LD-21210001		XH-SL-00000002	XH-SL-00000002	XH-SL-00000002	XH-SW-00000001	XH-SW-00000001	



BILL OF MATERIALS										
FABRICATION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
1	PIPE PIPE - A333-6 BE SMLS T01AC22V02 S-20 <PIPL020B11020> (L-8200).	10	I146149	16.4 M						
2	FITTINGS 90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-20 <90LL210F31020> (L-7967).	10	I214677	1						
ERECTION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
3	SUPPORTS WELDED EXTENSIONS-EW06 DN2 = 6 L = 500	10	5128	1						
4	PIPING SUPPORT - BEAMS- BE02 UPN160	10	5192	1						
5	WELDED GUIDE-C1G1 H = 100 L = 300	10	5192	1						
6	WELDED ANCHOR -C1B1 H = 100 L = 200	6	5128	2						
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)
35 40 9835 5378 34448 6640	10997 10"	10"	F13 SF02 F14 SF03 S15	F F F F S	10" 10" 10" 10" 10"	BW FT BW FT BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							10		28.2	
ISOMETRIC NO. 4274-SP-XH-DL-2121-FL40C01-3-IS00							SPOOLING REV NO. 00			