

 Tecnimont S.p.A.	 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-310-000120_RFI2220_MOD-ITP-XL_220</b>	
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number <b>IP-WSR-P-310-000120_RFI2220 - IP Spool Release From Workshop</b>			

Sheet 01/01

The Present Inspection Package contains the following Elements:




2121-VRG52A10-2-SP04;2121-VRG52A10-2-SP03;2121-VRG52A10-2-SP02;1121-PR43048-2-SP03;2121-VRG52A10-1-SP01;2121-FL40B04-1-SP01;2121-FL40K01-2-SP02;1121-PR40026-2-SP03;1121-PR40026-2-SP02;1121-PR40026-2-SP01;1121-HCM24078-6-SP11;1121-HCM24078-5-SP10-ZZ;1121-HCM24078-5-SP09;2121-FL40C01-1-SP01;1121-PR43027-4-SP10;1121-PR43027-4-SP09;1121-PR43027-4-SP08;1121-PR43027-4-SP07;1121-PR43027-4-SP06;1121-HCM24082-2-SP04;1121-HCM24082-2-SP05;1121-HCM24082-2-SP03;1121-PR43037-3-SP08;1121-PR43037-3-SP07;1121-PR43037-3-SP06;1121-PR43037-3-SP05;1121-PR43037-2-SP01;1121-PR33019-4-SP06;1121-PR33019-4-SP05;1121-PR24034-5-SP12;1121-PR24034-5-SP11;1121-PR24034-5-SP10;1121-PR23031-2-SP05;1121-PR23031-1-SP07;1121-PR23031-1-SP06-ZZ;1121-CHWS24002-2-SP02;2121-VRG41B09-5-SP09;2121-VRG41B09-5-SP08;2121-VRG41B09-5-SP07;2121-VRG41B09-5-SP06;2121-ET40J06-2-SP05;2121-ET40J06-2-SP04;2121-ET40J06-2-SP03;1121-ET71039-5-SP04;1121-ET71039-5-SP03;1121-ET71039-5-SP02;1121-ET71039-5-SP01;1121-ET71039-4-SP05;1121-VA23003-2-SP06;1121-VA23003-2-SP05;1121-VA23003-2-SP04-ZZ;1121-VA23003-1-SP03;1121-VA23003-1-SP02;1121-VA23003-1-SP01;1121-PR24038-1-SP03;1121-PR24038-1-SP02;1121-PR24038-1-SP01;1121-PR36015-1-SP02;1121-PR36015-1-SP01;1121-HCM31022-2-SP04;1121-HCM31022-2-SP03;1121-HCM31022-2-SP02;1121-HCM24081-2-SP02;1121-HCM24081-2-SP01;1121-HCM24052-1-SP04;1121-HCM24052-1-SP03;1121-HCM24052-1-SP02;1121-HCM24052-1-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	 Pinto Joaquim Mechanical Piping Spv. Joaquim Pinto 02/05/2024	 NoBo 1155 02/05/2024
--	---	--

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] 02/05/2024	Name Patricia Texeira	Signature Patricia Texeira	
CONTRACTOR				
COMPANY				
(Free)				

QC

# ISO Summary List

# 22635 / 1979

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-FL40K01-2**

Revision **00**

Priority **2**

Piping Size/Class **16-B32S1**

PED Category **III**

**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
02	S12	BW	16" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ 16" PIPE - A333-6 BE SMLS ✓	377 646	903623 12104811C	CE23002070_3.1_01 G2305002-03	6:Vareta F - PVX2210111 11:Eletrodo F - SFX0610630	MW.25_BW	16/11/2023 S260	VT-I-072							
03	S13	BW	16" PIPE - A333-6 BE SMLS ✓ 16x16" WN FLANGE ASME B16.5 150# A350-L ✓	646 36	12104811C 67HC22	G2305002-03 224878	6:Vareta F - PVX2210111 11:Eletrodo F - SFX0610630	MW.25_BW	16/11/2023 S260	VT-I-072							

## 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 Texeira*  
Date: *02/05/2024*  
Sign: *Patricia Texeira*

QC

## APPROVED by Client

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

## APPROVED by 3rd party or AI

Name: *João Amaro*  
Date: *02/05/2024*  
Sign: *João Amaro*

**SGS**  
NoBo 1155 ☒ reviewed by *SGS*  
☐ witnessed by

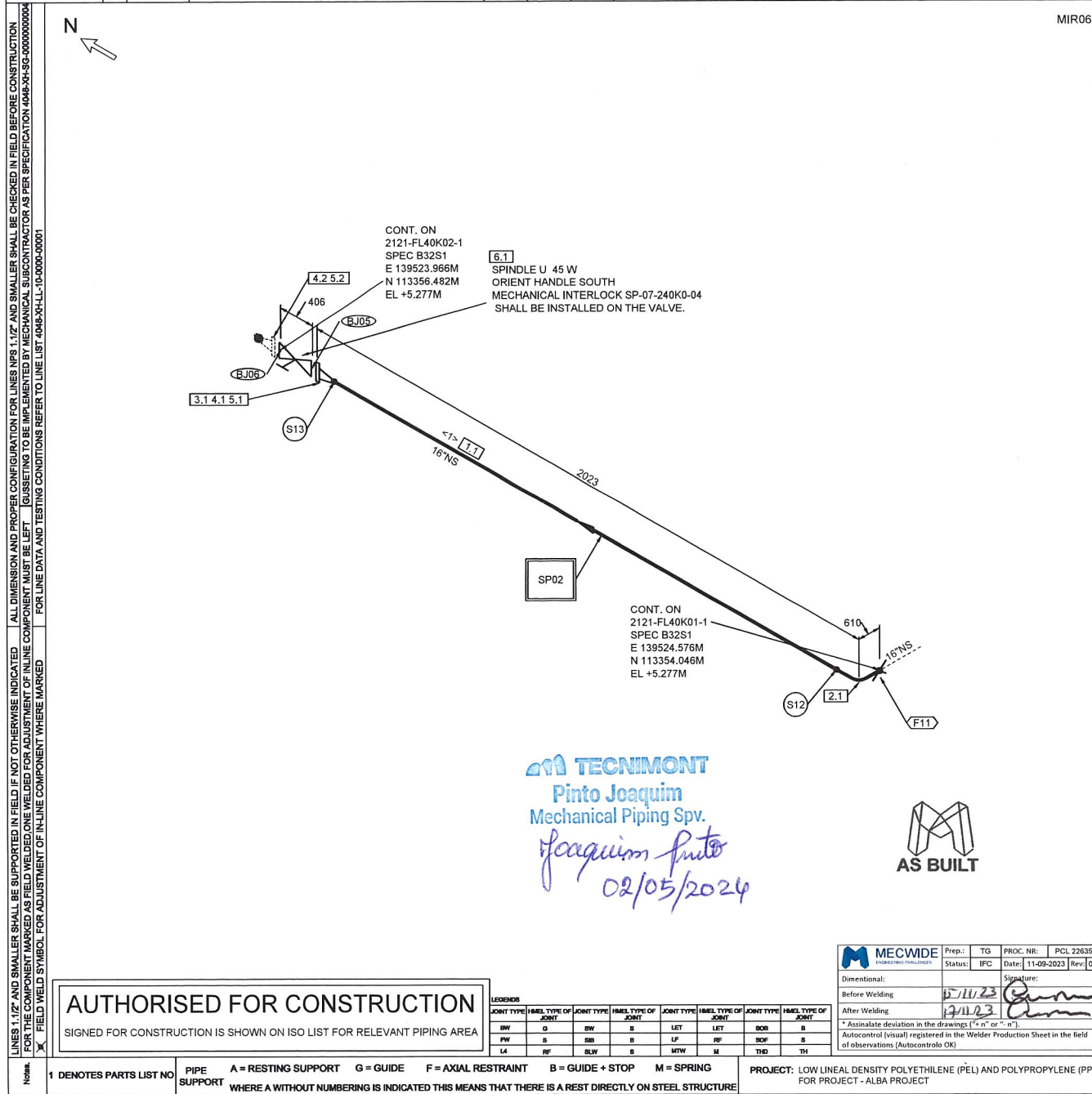




This document is Technimont's property, and cannot be used by others for any purpose without prior written consent.

	LINE DATA									
	FLUID CODE: FL					LINE NO. 16"-FL-40K01-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 41			
00	11-09-2023	ISSUED FOR CONSTRUCTION		TG	MW	TM				
REV	DATE	REVISION DESCRIPTION		DRAWN UP	CHKD UP	APP'D				

	PIPING ISOMETRIC		IDENTIFICATION CODE				
	Job 4274		E C T N		Area N		
	XHDL		2121		FL40K01		
	UNIT		19		SHEET 2		
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		REV 00			
PIPING ASSEMBLY DRAWING		E C T N		PIPING SUPPORT SPECIFICATION		E C T N	
19-L-19-000-2-00-86102 sheet 2		XH-SIG-000000002		XH-SIG-000000002		XH-LP-000000001	
PIPING ISOMETRIC LIST		E C T N		PIPING TYPICAL INSTALLATIONS		E C T N	
XH-LD-212100001		XH-SL-000000002		XH-SL-000000002		XH-SW-000000001	



BILL OF MATERIALS										
FABRICATION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
1	PIPE PIPE - A333-6 BE SMLS T01AC22V02 S-20 <PIPL020B11620> (L-8200)	16	I146193	1.3 M						
2	FITTINGS 90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-20 <90LL210F31620> (L-7967)	16	I214680	1						
3	FLANGES WN FLANGE ASME B16.5 150# A350-LF2 Class 1 RFFE BE 125 - 250 AARH F01CDC07BV05 S-20 <WNFL300R151620> (L-7971)	16	I140750	1						
ERECTION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
4	GASKETS FLAT RING GASKET ASME B16.21 150# RFTBE NA/CARBON/NBR ASME B16.5 G02HDP2QS01 <NMGQ102R1F16> (L-NMG17)	16	I1169071	2						
5	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I01OB5301 <SB2R55G151/4> - 2 NUTS PER BOLT - 135 mm Length	1	I55705480	32						
6	VALVES / IN-LINE ITEMS GATE VALVE API 600 150# A352-LCC RFFE 10-316 API 600 L77 125 - 250 AARH BB-OS&Y FLXW API 600 GE ASME B16.5 V01FDC82B12S NREOD <G416L-8353> (L-8353)	16	I63584490	1						
CUT LIST			WELD 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>	1282	16"	F11	F	16"	BW	BJ05	16"	1"	135
			S12	S	16"	BW	BJ06	16"	1"	135
			S13	S	16"	BW				
							BOLT LIST			
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							16		3.0	
ISOMETRIC NO. 4274-SP-XH-DL-2121-FL40K01-2-IS00							SPOOLING REV NO. 00			