

 Tecnimont S.p.A.	 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-310-000118_RFI2181_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000118_RFI2181 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA00035-1-SP02;2121-VA00035-1-SP01;2121-VA00034-1-SP01;2121-VA00031-1-SP01;2121-LPN91S01-2-S  
 P04;2211-VRG50A14-1-SP03;2211-VRG50A14-1-SP02;2211-VRG50A14-1-SP01;2211-FW68B36-3-SP08;2211-FW  
 68B36-2-SP07-ZZ;2211-FW68B36-2-SP06;2211-FW68B36-2-SP05;1211-WW70B03-1-SP03;1211-WW70B03-1-SP0  
 2;1211-WW70B03-1-SP01;1211-N01001-1-SP06;1211-N01001-1-SP05;1211-N01001-1-SP04;1211-N01001-1-SP03;  
 1211-N01001-1-SP02;1211-N01001-1-SP01;2211-VRG50B03-3-SP09;2211-VRG50B03-3-SP08;2211-FL50E04-1-S  
 P04;2211-FL50E04-1-SP03;2211-FL50E04-1-SP02;2211-FL50E04-1-SP01;2121-CWR40B07-1-SP02;2121-CWR40  
 B07-1-SP01;1121-JWS64072-1-SP05;1121-JWS64072-1-SP04;1121-JWS64072-1-SP03;1121-JWS64072-1-SP02;1  
 121-JWS64072-1-SP01;2211-N50A15-3-SP06;2211-N50A15-3-SP05;2211-N50A15-3-SP04;2211-N50A15-3-SP03;2  
 211-N50A15-2-SP16;2211-N50A15-2-SP15;2211-N50A15-2-SP14;2211-N50A15-2-SP13;2211-N50A15-2-SP11;2211  
 -N50A15-2-SP10;2211-VA62E03-1-SP02;2211-VA62E03-1-SP01;1211-FW68B50-1-SP02;1211-FW68B50-1-SP01;12  
 11-CWS89031-2-SP02;1211-CWS89031-2-SP01;1211-CWS89031-1-SP04;1211-CWS89031-1-SP03;1211-CWS890  
 31-1-SP02;1211-CWR89021-2-SP06;1211-CWR89021-2-SP05;1121-BDL23016-2-SP03;1121-BDL23016-1-SP02-ZZ  
 ;1121-BDL23016-1-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**

Pinto Joaquim  
 Mechanical Piping Spv.

*Joaquim Pinto*  
 02/05/2024

 **TECNIMONT**

L.Gomes  
 NWI

R  
 W

*Moskwa*

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	02/05/2024	Patricia Texeira	Patricia Texeira	
CONTRACTOR				
COMPANY				
(Free)				

QC

# ISO Summary List

# 22635 / 5908

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA00034-1**

Revision **01**

Priority **2**

Piping Size/Class **4-B-1**

PED Category **N/A**

**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
04 01	S01	BW	4x4" WN FLANGE ASME B16.5 150# A105N RF	36	10EE23	224878	17:Vareta	MW.20_BW	19/02/2024	VT-M-039							
			4" PIPE - A106-B BE SMLS	TCM	R60449	E5027	PVX4010501		S46								
05 01	S02	BW	4" PIPE - A106-B BE SMLS	TCM	R60449	E5027	17:Vareta	MW.20_BW	19/02/2024	VT-M-039							
			4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	341	17357	CE23001997_3.1_01	PVX4010501		S46								
06 01	S03	BW	4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	341	17357	CE23001997_3.1_01	17:Vareta	MW.20_BW	19/02/2024	VT-M-039							
			4" PIPE - A106-B BE SMLS	TCM	R60449	E5027	PVX4010501		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 Texeira*

Date: *02/05/2024*

Sign: *Patricia Texeira*

## APPROVED by Client

Name: **TECNIMONT**

Date: *L. Gomes*

Sign: *L. Gomes*

## APPROVED by 3rd party or AI

Name:

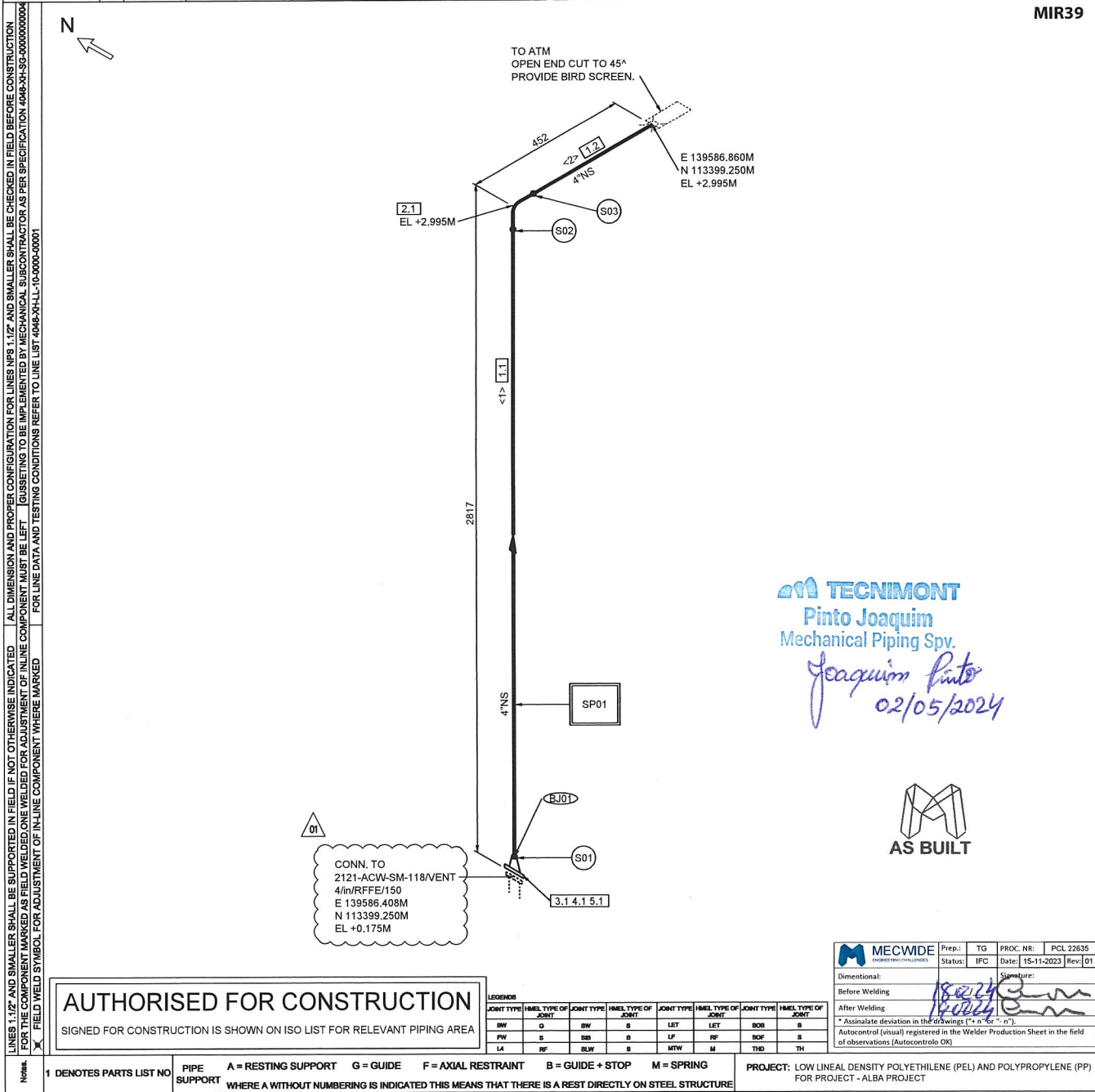
Date:

Sign:





		15-11-2023		ISSUED FOR CONSTRUCTION		TG		MW		TM		P&ID No.	
00		25-09-2023		ISSUED FOR CONSTRUCTION		TG		MW		TM			
REV		DATE		REVISION DESCRIPTION		DRAWN UP		CHKD UP		APP'D		B-1	
												N / 0	
												E	
												N	
												1	
												45-A-45-000-1-01-00001 Sheet 4	



		PIPING ISOMETRIC		IDENTIFICATION CODE						
				Job	EIC	T	Area	N		
4274		XHDL		2121		VA00034				
UNIT		45		SHEET		1	REV 01			
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS								
REFERENCE	PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY					
	E C T N 6-L-19-000-2-00-86200 sheet 1		E C T N XH-SG-000000002		E C T N XH-LP-000000001					
	PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION					
E C T N XH-LD-212100001		E C T N XH-SL-000000002		E C T N XH-SW-000000001						
BILL OF MATERIALS										
FABRICATION MATERIALS										
PS NO	DESCRIPTION			NS (MM)	ITEM CODE	QTY.	HOLD			
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B14STD> (L-7806)			4	I117953	2.9 M				
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F34STD> (L-7955)			4	I128635	1				
3	FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R154STD> (L-149)			4	I5355796	1				
ERECTION MATERIALS										
PS NO	DESCRIPTION			NS (MM)	ITEM CODE	QTY.	HOLD			
4	GASKETS FLAT RING GASKET ASME B16.21 150# RFTBE NA/ARAMIDIC/NBR ASME B16.5 G02HDP2GR01 <NMGQ009R1FC4> (L-NMG11)			4	I1169033	1				
5	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/8312> - 2 NUTS PER BOLT - 90 mm Length			5/8	I53437440	8				
CUT 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>	2588	4"	S01	S	4"	BW	BJ01	4"	5/8"	90
<2>	300	4"	S02	S	4"	BW				
			S03	S	4"	BW				
WELD LIST										
BOLT LIST										
INCH METER										
PIPE NS (IN)				CL LENGTH (M)						
4				3.3						
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA00034-1-IS01										
SPOOLING REV NO. 01										