

 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

L. Gomes

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	<i>Patricia Texeira</i>	
CONTRACTOR				
COMPANY				
(Free)				

OC

ISO Summary List

22635 / 4070

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-CWR40B07-1**

Revision **00**

Priority **2**

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

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
02 01	S01	BW	4x4" WN FLANGE ASME B16.5 150# A105N RF ✓ 4" PIPE - A106-B BE SMLS ✓	36 445	10EE23 23101886	224878 23602066	16:Vareta PVX2911394	MW.20_BW	03/11/2023 S287	VT-I-063							
03 01	S02	BW	4" PIPE - A106-B BE SMLS ✓ 4" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	445 341	23101886 17357	23602066 CE23001997_3.1_01	16:Vareta PVX2911394	MW.20_BW	03/11/2023 S287	VT-I-063							
04 02	S04	BW	4" 45 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 4" PIPE - A106-B BE SMLS ✓	395 445	21698 23101886	CE23002009_3.1_01 23602066	16:Vareta PVX2911394	MW.20_BW	03/11/2023 S287	VT-I-063							
05 02	S05	BW	4" PIPE - A106-B BE SMLS ✓ 4" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	445 341	23101886 17357	23602066 CE23001997_3.1_01	16:Vareta PVX2911394	MW.20_BW	03/11/2023 S287	VT-I-063		RT: RT-I-0272					
06 02	S06	BW	4" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 4" PIPE - A106-B BE SMLS ✓	341 445	17357 23101886	CE23001997_3.1_01 23602066	16:Vareta PVX2911394	MW.20_BW	03/11/2023 S287	VT-I-063		RT: RT-I-0272					

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: *Patrícia Texeira*

Date: *02/05/2024*

Sign: *Patrícia Texeira*

APPROVED by Client

Name: *L. GOMES*

Date: *02/05/2024*


Sign: *L. Gomes*

APPROVED by 3rd party or AI

Name:

Date:

Sign:



00 18-10-2023 ISSUED FOR CONSTRUCTION

REV DATE REVISION DESCRIPTION

FLUID CODE: CWR

LINE NO. 4"-CWR-40B07-B-1

P&ID No.

PIPING MATERIAL CLASS

INSULATION

WELD CLASS

HEAT TREATMENT

PAINTING CODE

B-1


N / 0

E

N

1

19-A-19-000-1-01-00001 sheet 29C



PLANT: SINES INDUSTRIAL COMPLEX

CLIENT REF: REPSOL POLYMEROS

PIPING ISOMETRIC

IDENTIFICATION CODE

Job

EIC

T

Area

N

4274

XHDL

2121

CWR40B07

UNIT

19

SHEET

1

REV

00

PIPING ASSEMBLY DRAWING

E C T N

19-L-19-000-1-01-00001 sheet 2

PIPING SUPPORT SPECIFICATION

E C T N

XH-SG-000000002

PIPING ISOMETRIC LIST

E C T N

XH-LD-212100001

PIPING TYPICAL INSTALLATIONS

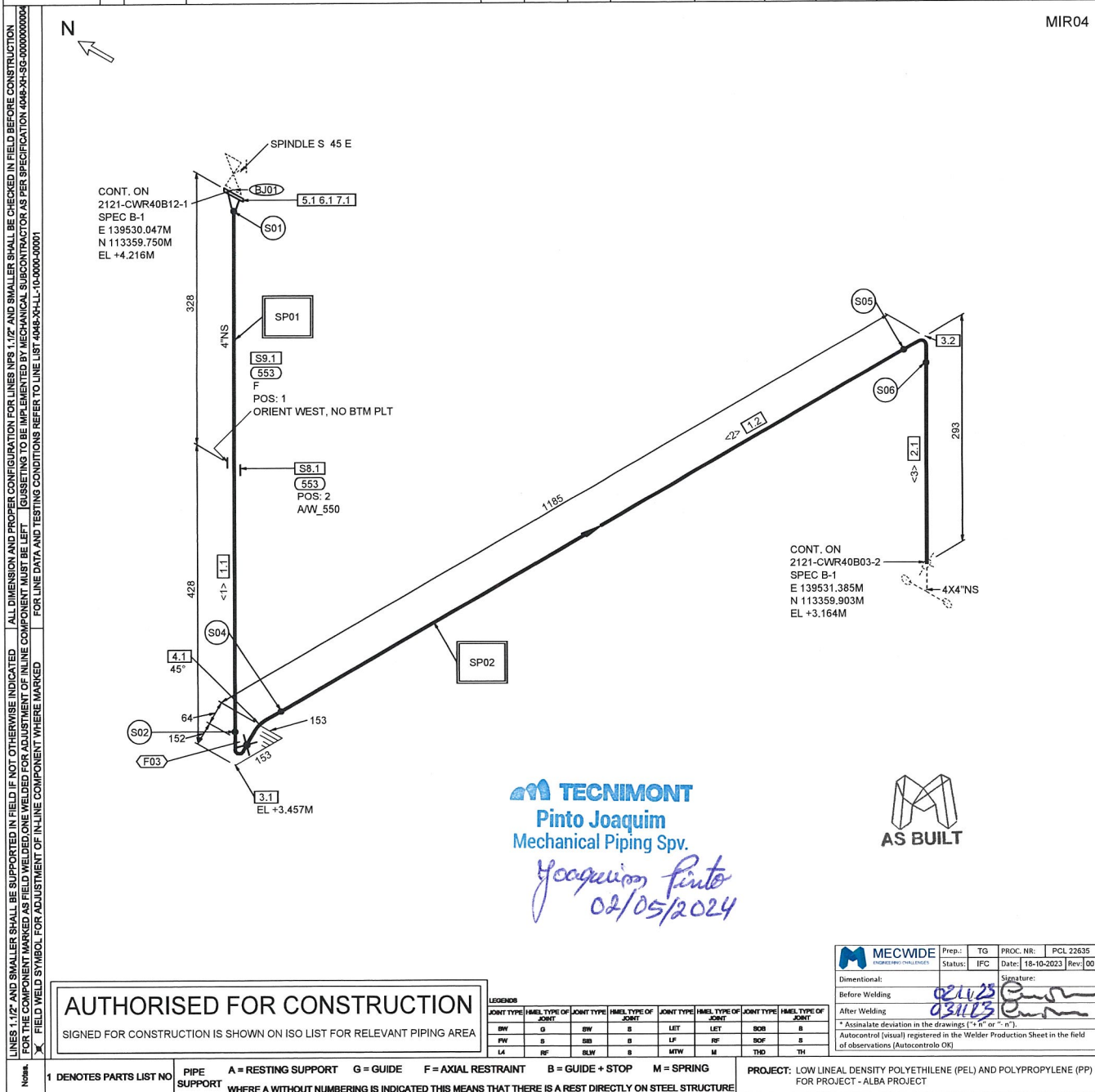
E C T N

XH-SL-000000002

WELDING SPECIFICATION

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	1.5 M						
2	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B14STD> (L-7806)	4	I117953	0.2 M						
3	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F34STD> (L-7955).	4	I128635	2						
4	45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-STD <45LA200F34STD> (L-7956)	4	I201302	1						
5	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					
6	GASKETS FLAT RING GASKET ASME B16.21 150# RFTBE NA/ARAMIDIC/NBR ASME B16.5 G02HDP2GR01 <NMG009R1FC4> (L-NMG11)	4	I1169033	1						
7	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/0312> - 2 NUTS PER BOLT - 90 mm Length	5/8	I53437440	8						
8	SUPPORTS U BOLT (FOR GUIDE)-P02D	4	553	1						
9	STOP HORIZ VERT FOR NOT INS. PIPING-N1F1	4	553	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>	523	4"	S01	S	4"	BW	BJ01	4"	5/8"	90
<2>	965	4"	S02	S	4"	BW				
<3>	430 239	4"	F03	F	4"	BW				
			S04	S	4"	BW				
			S05	S	4"	BW				
			S06	S	4"	BW				
INCH METER										
PIPE NS (IN)								CL LENGTH (M)		
4								2.4		
ISOMETRIC NO. 4274-SP-XH-DL-2121-CWR40B07-1-IS00									SPOOLING REV NO. 00	

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ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.12" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION FOR THE COMPONENT MARKED AS FIELD WELDED ONE WELDED FOR ADJUSTMENT OF IN-LINE COMPONENT MUST BE LEFT FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L-10-0000-00001

FIELD WELD SYMBOL FOR ADJUSTMENT OF IN-LINE COMPONENT WHERE MARKED