

 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-310-000136_RFI2325_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000136_RFI2325 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA49A02-2-SP04;2121-VA49A02-2-SP03;1121-BDL24073-1-SP05;1121-BDL24073-1-SP04;1211-CWR86011-2-SP02;1211-CWR86011-2-SP01;2121-VA49A05-2-SP04;2121-VA49A05-2-SP03;2121-VA49A05-2-SP02;2121-VA49A02-2-SP05;2121-FL40B01-1-SP03;2121-FL40B01-1-SP02;2121-FL40B01-1-SP01;2211-FL52A01-2-SP03;2211-FL52A01-2-SP02;1211-CWR86011-2-SP03;2121-FL41B01-2-SP05;2121-FL41B01-2-SP04;2121-FL41B01-1-SP03;2121-FL41B01-1-SP02;2121-FL41B01-1-SP01;2121-FL40K05-1-SP01;2211-IW91N06-1-SP03;2211-IW91N06-1-SP02;2211-IW91N06-1-SP01;2121-FL41C01-2-SP03;2121-FL41C01-2-SP02;2121-FL41B01-2-SP06;2211-PA91P06-2-SP06;2211-PA91P06-2-SP05;2211-IW91N06-2-SP06;2211-IW91N06-2-SP05;2211-IW91N06-1-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"

Ion Dragos Andrei

17.05.2024



  
 I.D. Polifrescu R  
 NWI W  
 17/05/24

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	14/05/2024	Patricia Texeira	Patricia Texeira		
CONTRACTOR					
COMPANY					
(Free)					



# ISO Summary List

# 22635 / 1487

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA49A02-2**

Revision **01**

Priority **2**

Piping Size/Class **3-1C14**

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
03	F10	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
04	F11	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
			3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
05	F16	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3.1_01											
			3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
04	S12	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	17-Vareta	MW.20_BW	11/12/2023	VT-I-086							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3.1_01	PVX4010501		S281								
04	S14	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3.1_01	17-Vareta	MW.20_BW	11/12/2023	VT-I-086							
			3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	PVX4010501		S281								
07	S15	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	17-Vareta	MW.20_BW	11/12/2023	VT-I-086							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3.1_01	PVX4010501		S281								
05	S17	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	17-Vareta	MW.20_BW	11/12/2023	VT-I-086							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3.1_01	PVX4010501		S281								

## Notes

BW-Butt Weld; FW-Fillet Weld; LW-Lap Weld; SW-Socket Weld; TBW-Tee Butt Weld

PT-Penetration 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: *4/05/2024*

Sign: *Patricia Teixeira*

## APPROVED by Client

Name: **TECNIMONT**

Date: **I.D. Polifronescu**



Sign: **NWI**

## APPROVED by 3rd party or AI

Name:

Date:

Sign:

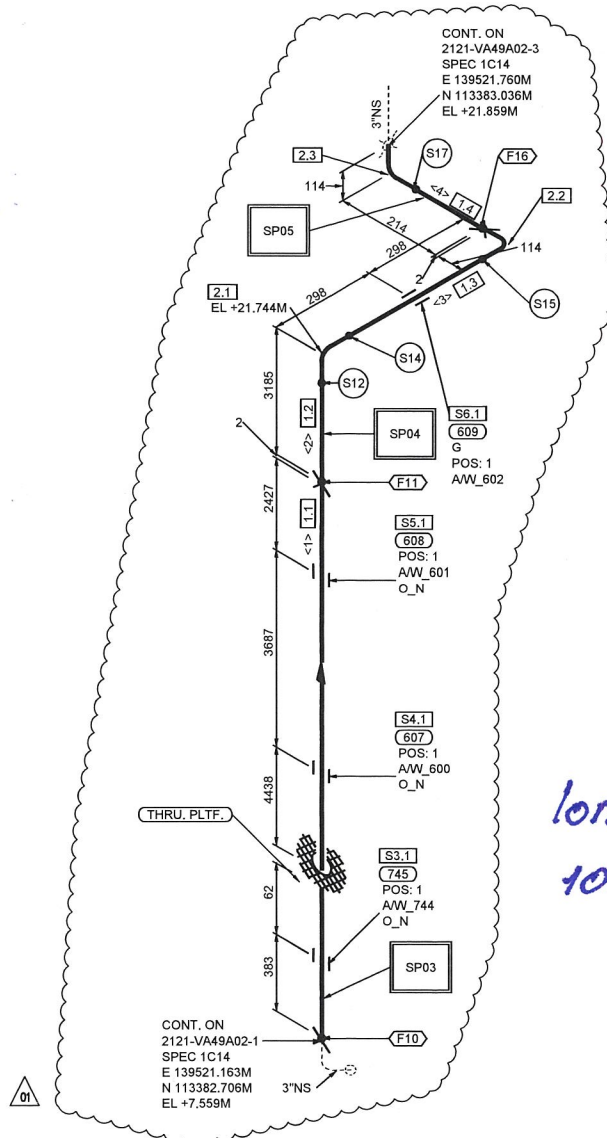
	<p>Punch List</p> <p><b>PUNCH LIST</b></p>	IDENTIFICATION CODE		
		SHEET 1 / 1	DOC.CLASS 1	ISSUE 01
	<p><b>ISO ID: 2121 - VA49A02-2</b></p>			

[illegible]

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



01	20-11-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM	PIPING	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.
00	28-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM						
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	1C14	N / O	E	N	1	19-A-19-000-1-01-00001 sheet 57

[illegible]


Ion Dragos Andrei  
10.05.2024



AUTHORISED FOR CONSTRUCTION

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

LEGENDS							
JOINT TYPE	EMEL TYPE OF JOINT	JOINT TYPE	EMEL TYPE OF JOINT	JOINT TYPE	EMEL TYPE OF JOINT	JOINT TYPE	EMEL TYPE OF JOINT
BW	G	BW	S	LET	LET	DOB	S
PW	S	DOB	G	LF	RF	NOF	S
LA	BE	BLW	B	MTW	M	TWD	TW

 <b>MECWISE</b> ENGINEERING CHALLENGES	Prep.: _____	TG _____	PROC. NR.: _____	PCL 22635
	Status: IFC		Date: 20-11-2023	Rev: 0
Dimensional:			Signature: _____	
Before Welding	0.12.23		_____	
After Welding	0.12.23		_____	

\* Assinilate deviation in the drawings ("+" or "-").

Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)

\* Assinalate deviation in the drawings (" + n" or " - n")

**PROJECT:** LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP)  
FOR PROJECT - ALBA PROJECT

## BILL OF MATERIALS

## FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7895).	3	I117921	14.6 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	I128599	3	

ERECTION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
	SUPPORTS				
3	U BOLT (FOR GUIDE)-P02D	3	745	1	
4	U BOLT (FOR GUIDE)-P02D	3	607	1	
5	U BOLT (FOR GUIDE)-P02D	3	608	1	
6	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	609	1	

## CUT LIST

PIECE NO	LENGTH (MM)	SIZE (IN)
<1>	<del>1099</del> 1159	3"
<2>	<del>3009</del> 2571	3"
<3>	364	3"
<4>	<del>60</del> 198	3"

## WELD LIST

	WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE
	F10	F	3"	BW
	F11	F	3"	BW
	S12	S	3"	BW
	S14	S	3"	BW
	S15	S	3"	BW
	F16	F	3"	BW
	S17	S	3"	BW

## BOLT LIST

BOLT NO	FLANGE SIZE(IN)	SIZE (IN)	LENGTH (MM)

INCH METER

PIPE NS (IN)	CL LENGTH (M)
3	15.2

ISOMETRIC NO. 4274-SP-XH-DL-2121-VA49A02-2-IS01

SHEET NO. 1 OF 1