

 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-310-000046_RFI914	MOD-ITP-XL_220
		RFI Nr.: 914	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000046_RFI914 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2211-FW68T63-2-SP01;2211-FW68T62-1-SP02;2211-FW68T62-1-SP01;2121-CWS40B04-2-SP04;2121-CWS40B04-2-SP03;2121-CWS40B04-2-SP02;2121-CWS40B04-1-SP01-ZZ;2121-VA49A04-3-SP13;2121-VA49A02-3-SP06;2121-VA40P04-2-SP03;2121-VA40P04-2-SP02;2121-VA00108-1-SP02;2121-VA00108-1-SP01;2121-LPN91S10-2-SP07;2121-LPN91S10-2-SP06;2121-LPN91S10-2-SP05;1123-N72007-1-SP01;1123-N72006-1-SP02;1123-N72006-1-SP01;1123-JWS64035-1-SP01;1123-JWR72003-1-SP01;1123-BU73047-1-SP02;1123-BU73047-1-SP01;2211-N91M32-3-SP01;2211-VRG50B04-1-SP02;2211-VRG52A01-1-SP01;2211-VRG50B04-3-SP05;2211-VRG50B04-3-SP04;2211-VRG50B04-3-SP03;2211-VRG50B04-3-SP01-ZZ

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  
05/02/2024

 **TECNIMONT**

L. Gomes  
NW

05/02/2024

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

QC

# ISO Summary List

# 22635 / 1488

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA49A02-3** ✓

Revision **01**

Priority **6**

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
01	06	S20	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	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							
02	06	S19	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	215148 ✓	CE23002054_3.1_01	PVX4010501			S281							

## 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: *05/02/2024*

Sign: *Patricia Teixeira*

## APPROVED by Client

Name: **TECNIMONT**

Date: *L. Gomes*

Sign: *L. Gomes*

## APPROVED by 3rd party or AI

Name:

Date:

Sign:



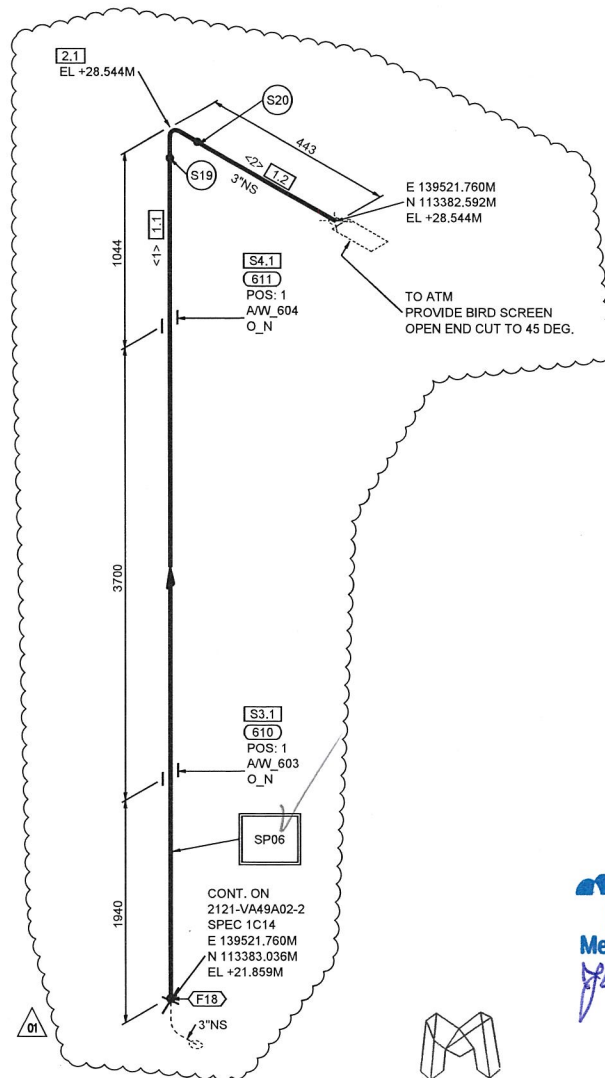




FLUID CODE: VA				LINE DATA			
LINE NO. 3"-VA-49A02-1C14				PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT
P&ID No.				PAINTING CODE			
01	20-11-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		
00	28-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	1C14	N / O

IDENTIFICATION CODE				Job			
N				4274	XHDL	2121	VA49A02
UNIT				19	SHEET	3	REV 01
PIPING ASSEMBLY DRAWING				PIPING SUPPORT SPECIFICATION			
19-L-19-000-2-00-86196 sheet 7				XH-SG-000000002			
PIPING ISOMETRIC LIST				PIPING TYPICAL INSTALLATIONS			
XH-LD-21210001				XH-SL-000000002			
				PIPING STANDARD SUPPORT SUMMARY			
				XH-LP-000000001			
				WELDING SPECIFICATION			
				XH-SW-000000001			

ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.12" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION. LINES 1.12" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. 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-SG-0000000004 FOR FIELD WELD SYMBOL FOR ADJUSTMENT OF IN-LINE COMPONENT WHERE MARKED.



**TECNIMONT**  
Pinto Joaquim  
Mechanical Piping Spv.  
*Joaquim Pinto*  
05/02/2024




# AUTHORISED FOR CONSTRUCTION

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

## LEGEND

JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE
BW	G	BW	LP	RF	RF	RF	RF
PW	S	SB	LP	RF	RF	RF	RF
LA	RF	BLW	S	MTW	M	THD	TH

 <b>MECWISE</b> ENGINEERING CHALLENGES	Prep.: _____	TG _____	PROC. NR.: _____	PCL 22635
	Status: IFC	Date: 20-11-2023	Rev: _____	
Dimensional:	Signature: _____			
Before Welding	10/12/23			
After Welding	11/02/23			
* Assinalate deviation in the drawings ("n" or "n").				
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo OK)				

MIR01

## BILL OF MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806).	3	I117921	6.9 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	I128599	1	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3	SUPPORTS U BOLT (FOR GUIDE)-P02D	3	610	1	
4	U BOLT (FOR GUIDE)-P02D	3	611	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>	6668	3"	F18	F	3"	BW				
<2>	326	3"	S19	S	3"	BW				
			S20	S	3"	BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3		7.1	
							ISOMETRIC NO. 4274-SP-XH-DL-2121-VA49A02-3-IS01			
							SPOOLING REV NO. 01			