

 Tecnimont S.p.A.	 REPSOL POLIMEROS SA	4274_CONST 4274-ALBA PROJECT-PP AND PEL PLANTS	
MOD-ITP-XL_220 RELEASE OF SPOOLS FROM WORKSHOP Rev.1		Report n° IP-WSR-P-310-000067_RFI1207_MOD-ITP-XL_220 RFI Nr.: 1207 Date :	
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000067_RFI1207 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2211-VA62B01-1-SP03;2211-VA62B01-1-SP02;2211-VA62B01-1-SP01;2211-N91M34-2-SP03;2211-N91M34-2-SP02;2211-N91M34-2-SP01;2211-N50A15-4-SP09;2211-N50A15-4-SP08;2211-N50A15-4-SP07;2211-IW91N04-6-SP14;2211-IW91N04-6-SP13;2211-CWS91J47-2-SP01;2211-CWS91J47-1-SP03;2211-CWS91J47-1-SP02;2211-CWR80B01-1-SP01;2211-CWR70A03-2-SP03;2121-VG40N11-5-SP08;2121-VG40N11-5-SP07;2121-VG40N11-5-SP06;2121-VA49A04-2-SP12;2121-VA49A04-2-SP11;2121-VA49A04-2-SP10;2121-VA49A04-1-SP09;2121-VA49A04-1-SP08;2121-VA40B03-2-SP04;2121-VA40B03-2-SP03;2121-VA40B03-2-SP02;2121-VA40B03-2-SP01;2121-PA91P08-1-SP06;2121-PA91P08-1-SP05;2121-CWS91J52-1-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
07/03/2024

 **TECNIMONT**

L. Gomes
NW1

07/03/2024

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
	Date (DD-MMM-YYYY)	Name	Signature		
SUBCONTRACTOR	07/03/2024	Patricia Texeira	Patricia Texeira		
CONTRACTOR					
COMPANY					
(Free)					



ISO Summary List

22635 / 1493

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA49A04-2**

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
08 10	F31	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546											
09 10	F32	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546											
			3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546											
10 11	F37	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148	CE23002054_3.1_01											
			3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546											
11 11	S33	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546	17-Vareta	MW.20_BW	12/12/2023	VT-I-087							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148	CE23002054_3.1_01	PVX4010501										
12 11	S34	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148	CE23002054_3.1_01	17-Vareta	MW.20_BW	12/12/2023	VT-I-087							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148	CE23002054_3.1_01	PVX4010501										
13 11	S35	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148	CE23002054_3.1_01	17-Vareta	MW.20_BW	12/12/2023	VT-I-087							
			3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546	PVX4010501										
14 11	S36	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546	17-Vareta	MW.20_BW	12/12/2023	VT-I-087							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148	CE23002054_3.1_01	PVX4010501										
15 12	S38	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709	23310546	17-Vareta	MW.20_BW	12/12/2023	VT-I-087							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148	CE23002054_3.1_01	PVX4010501										

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: *07/03/2024*

Sign: *Patricia Texeira*

APPROVED by Client

Name: **TECNIMONT**

Date: **L. Gomes** ☒ **R** ☒ **W**

Sign: *[Signature]*

APPROVED by 3rd party or AI

Name:

Date:

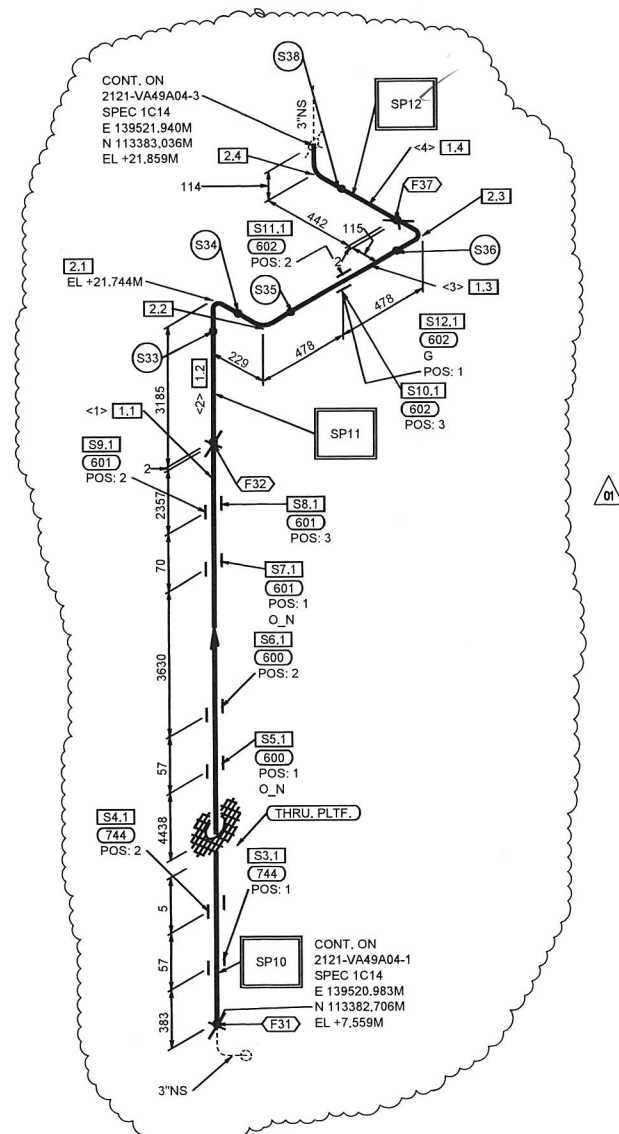
Sign:



LINE DATA									
FLUID CODE: VA			LINE NO. 3"-VA-49A04-1C14						
01	17-11-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM	PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT
00	28-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM	1C14	N / 0	E	N
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	1C14	N / 0	E	N
						P&ID No. 19-A-19-000-1-01-00001 sheet 57			

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS	Job	EIC	T	Area	N	
		4274	XHDL	2121	VA49A04		
		UNIT	19	SHEET	2	REV	01
REFERENCES		E C T N		E C T N		E C T N	
PIPING ASSESS BY DRAWING		19-L-15-000-2-00-55196 sheet 5		XH-S-G-00000002		XH-L-P-00000001	
PIPING ISOMETRIC LIST		E C T N		XH-L-D-21210001		XH-SL-00000002	
		PIPING SUPPORT SPECIFICATION		E C T N		XH-S-G-00000002	
		PIPING TYPICAL INSTALLATIONS		E C T N		XH-SL-00000002	
		WELDING SPECIFICATION		E C T N		XH-SW-00000001	

MIR01






TECNIMONT
Pinto Joaquim
Mechanical Piping Spv.
Joaquim Pinto
07/03/2024



AUTHORISED FOR CONSTRUCTION

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

LEGEND	JOINT TYPE	WELD TYPE OF JOINT	WELD TYPE OF JOINT	JOINT TYPE	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT
SW	B	SW	B	LET	LET	SCB	B
FW	B	FW	B	LF	LF	SCF	B
LA	RF	LA	B	MTW	M	THD	TH

 MEC WIDE ENGINEERING CHALLENGES	Prep.: TG	PROC. NR: PCL 22635
	Status: IFC	Date: 17-11-2023 Rev: 0
Dimensional:	Signature:	
Before Welding	11/12/23 	
After Welding	12/12/23 	
* Assinilate deviation in the drawings ("+" or "-" n").		
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)		

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> 1158	10997	3"	F31	F	3"	BW				
<2> 2510	3060 3159	3"	F32	F	3"	BW				
<3> 724	724	3"	S33	S	3"	BW				
<4> 426 426	426 426	3"	S34	S	3"	BW				
			S35	S	3"	BW				
			S36	S	3"	BW				
			F37	F	3"	BW				
			S38	S	3"	BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3		15.9	
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA49A04-2-IS01							SPOOLING REV NO. 01			

1 DENOTES PARTS LIST NO
PIPE SUPPORT
A = RESTING SUPPORT G = GUIDE F = AXIAL RESTRAINT B = GUIDE + STOP M = SPRING
WHERE A WITHOUT NUMBERING IS INDICATED THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE

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