

 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-310-000016_MOD-ITP-XL_220 RFI Nr.: 395	Date : 06/11/2023
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000016 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:


1121-BDL31025-1-SP02;1121-BDL31025-1-SP01;1121-BDL23024-2-SP03;1121-BDL23024-2-SP02;1121-BDL23024-1-SP01;1111-CHWS61015-1-SP01;1111-CHWR61015-1-SP02;1111-CHWR61015-1-SP01;1111-BDL23050-1-SP01;1111-BDL01042-1-SP02;1111-BDL01042-1-SP01;1111-JWS64019-2-SP02;1111-JWS64019-1-SP01;1111-JWR64044-1-SP02;1111-JWR64044-1-SP01;1111-JWR52002-1-SP03;1111-JWR52002-1-SP02;1111-JWR52002-1-SP01;1111-JWR36001-1-SP01;1111-LS89035-1-SP02;1111-LS89035-1-SP01;1111-PA00D01-1-SP02;1111-PA00D01-1-SP01;1111-CWS64012-1-SP02;1111-CWS64012-1-SP01;1111-CWR94005-1-SP06;1111-CWR94005-1-SP05;1111-CWR88001-1-SP01;1111-CWR52C01-1-SP01;1111-IW00B01-1-SP02;1111-IW00B01-1-SP01;2121-VA40Z10-3-SP05;2121-VA40Z10-3-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"

  
 JOAQUIM PINTO  
 PIPING SUP.  
 Joaquim Pinto

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	06-11-2023	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR	06-11-2023	LUIS GOMES			
COMPANY					
(Free)					

  
 L.Gomes  
 NWI

R  
 W

# ISO Summary List

# 22635 / 1379

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40Z10-3**

Revision **00**

Priority **6**

Piping Size/Class **3-1C17**

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	05	S17	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	228	215148	CE23002054_3_1_01	5 Varela	MW.20_BW	29/08/2023	VT-I-013						
			3" PIPE - A106-B BE SMLS	17	23211709	23310546	PVX1312824		S71								
02	04	F14	BW	3" PIPE - A106-B BE SMLS	17	23211709	23310546										
03	04	F15	BW	3" PIPE - A106-B BE SMLS	17	23211709	23310546										
			3" PIPE - A106-B BE SMLS	17	23211709	23310546											
04	05	SF02	FT	3" PIPE - A106-B BE SMLS	17	23211709	23310546										
05	05	S16	BW	3" PIPE - A106-B BE SMLS	17	23211709	23310546	5 Varela	MW.20_BW	29/08/2023	VT-I-013	RT-RT-I-0113					
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	228	215148	CE23002054_3_1_01	PVX1312824		S71								

## 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: *06/11/2023*  
Sign: *Patricia Texeira*

## APPROVED by Client

Name: **TECNIMONT**  
Date: *L. Gomes*  
Sign: *L. Gomes*

## APPROVED by 3rd party or AI

Name:  
Date:  
Sign:

*06/11/2023*





FLUID CODE: VA				LINE DATA			
PIPING	INSULATION	WELD	HEAT	PAINTING	P&ID No.		
MATERIAL CLASS		CLASS	TREATMENT	CODE			
1C17	N / O	E	N	1	19-A-19-000-1-01-00001 sheet 51		
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D		
00	23-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		

PLANT SINES INDUSTRIAL COMPLEX		CLIENT REF. REPSOL POLYMEROS		IDENTIFICATION CODE			
4274	XHDL	2121	VA40Z10	UNIT	19	SHEET	3 REV 00
PIPING ASSEMBLY DRAWING	19-A-19-000-1-01-00001 sheet 51	PIPING SUPPORT SPECIFICATION	XH-SG-00000002	PIPING STANDARD SUPPORT SUMMARY	XH-LP-00000001		
PIPING ISOMETRIC LIST	XH-LD-21210001	PIPING TYPICAL INSTALLATIONS	XH-SL-00000002	WELDING SPECIFICATION	XH-SW-00000001		

BILL OF MATERIALS			
PS NO	DESCRIPTION	NS (MM)	ITEM CODE

1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806)	3	I117921
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955)	3	I128599

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
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3	U BOLT (FOR GUIDE+P02D)	3	173	1	
4	WELDED BRACKET TO STRUCT. SB35 - HEA120	3	173	1	
5	U BOLT (FOR GUIDE+P02D)	3	158	1	
6	WELDED BRACKET TO STRUCT. SB35 - HEA120	3	158	1	
7	U BOLT (FOR GUIDE+P02D)	3	157	1	
8	U BOLT (FOR GUIDE+P02D)	3	156	1	
9	STOP HORIZ VERT FOR NOT INS. PIPING-N1F1	3	155	1	
10	U BOLT (FOR GUIDE+P02D)	3	155	1	
11	U BOLT (FOR GUIDE+P02D)	3	154	1	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
-------	-------------	---------	-----------	------	------

3	U BOLT (FOR GUIDE+P02D)	3	173	1	
4	WELDED BRACKET TO STRUCT. SB35 - HEA120	3	173	1	
5	U BOLT (FOR GUIDE+P02D)	3	158	1	
6	WELDED BRACKET TO STRUCT. SB35 - HEA120	3	158	1	
7	U BOLT (FOR GUIDE+P02D)	3	157	1	
8	U BOLT (FOR GUIDE+P02D)	3	156	1	
9	STOP HORIZ VERT FOR NOT INS. PIPING-N1F1	3	155	1	
10	U BOLT (FOR GUIDE+P02D)	3	155	1	
11	U BOLT (FOR GUIDE+P02D)	3	154	1	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
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10	U BOLT (FOR GUIDE+P02D)	3	155	1	
11	U BOLT (FOR GUIDE+P02D)	3	154	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)

<1>	10997	3"	F14	F	3	BW		
<2>	9969	3"	F15	F	3"	BW		
<3>	298	3"	SF02	F	3	FT		
			S16	S	3	BW		
			S17	S	3	BW		

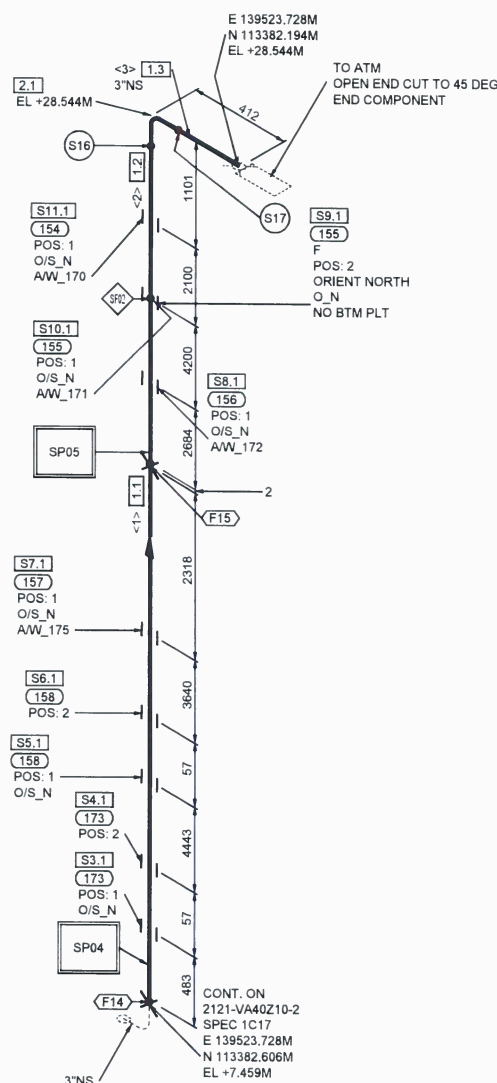
PIECE NO	LENGTH (MM)	SIZE (IN)	WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE	BOLT NO	FLANGE SIZE (IN)
----------	-------------	-----------	---------	-----------	-----------	-----------	---------	------------------

<1>	10997	3"	F14	F	3	BW		
<2>	9969	3"	F15	F	3"	BW		
<3>	298	3"	SF02	F	3	FT		
			S16	S	3	BW		
			S17	S	3	BW		

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)

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<3>	298	3"	SF02	F	3	FT		
			S16	S	3	BW		
			S17	S	3	BW		

ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40Z10-3-IS00	SPOOLING REV NO. 00
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**TECNIMONT**  
*Joaquim Pinto*  
 PIPING SUP.  
*Joaquim Pinto*  
**AS BUILT**

M MECWIDE	Prep: TG	PROC. NR: PCL 22635
Dimensional:	Status: IFC	Date: 23-08-2023 Rev: 00
Before Welding:	Signature:	
After Welding:	Signature:	
* Assinilate deviation in the drawings ("n" or "n")		
Autocontrol (visual) registered in the Welder Production Sheet in the field of observatems (Autocontrol OK)		

**AUTHORISED FOR CONSTRUCTION**

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

JOINT TYPE	PIPE TYPE OF JOINT	JOINT TYPE	PIPE TYPE OF JOINT	JOINT TYPE	PIPE TYPE OF JOINT	JOINT TYPE	PIPE TYPE OF JOINT
BW	G	BW	B	LET	LET	SOB	B
FW	B	SB	B	LP	RF	SOB	B
L4	RF	SLW	B	MTW	M	THD	TH

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