

 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-310-000007_MOD-ITP-XL_220 RFI Nr.: 274 Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000007 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA40Z05-3-SP06;2121-VA40Z05-3-SP05;2121-VA40Z05-2-SP04;2121-VA40Z05-2-SP03;2121-VA40B01-4-SP03;2121-VA40B01-2-SP08;2121-VA40B01-2-SP07;2121-VA00029-1-SP01;1121-VA34002-2-SP08;1121-VA34002-2-SP07;1121-VA34002-2-SP06;1121-JWR23001-1-SP05;1121-JWR23001-1-SP04;1121-JWR23001-1-SP03;1121-BDL23048-2-SP05;1121-BDL23048-2-SP04;7111-LC91A03-2-SP19;7111-LC91A03-1-SP23;7111-LC91A03-1-SP22;7111-LC91A03-1-SP21;1111-JWS64029-2-SP01;1111-BDL61018-1-SP01;7111-IW00B01-14-SP43;7111-IW00B01-14-SP42;7111-IW00B01-14-SP41;7111-IW00B01-14-SP44;7111-FL52A20-2-SP04;7111-FL52A20-2-SP02;7111-FL52A20-2-SP03;7111-FL14B01-2-SP02;7111-CWR91K03-6-SP15;7111-LS91A12-1-SP01;7111-FL14B02-2-SP02;7111-IW91N09-1-SP02;7111-IW91N09-1-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

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	11/10/2023	Rafaela Teixeira	Rafaela Teixeira	
CONTRACTOR	M. L. L. L.	Luz Santos	Luz Santos	
COMPANY				
(Free)				

ISO Summary List

22635 / 1375

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40Z05-2**

Revision **00**

Priority **2B**

Piping Size/Class **4-1C17**

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	
03	04	S10	BW	4" PIPE - A106-B BE SMLS 4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	19 341	23211707 A17357	23310548 CE23001997_3.1_01	5:Vareta PVX1312824	MW.20_BW S46	31/08/2023 S46	VT-I-016							
04	04	S11	BW	4" 90 LR ELBOW ASME B16.9 A234-WPB BE S 4" PIPE - A106-B BE SMLS	341 19	A17357 23211707	CE23001997_3.1_01 23310548	5:Vareta PVX1312824	MW.20_BW S46	31/08/2023 S46	VT-I-016							
05	04	S12	BW	4" PIPE - A106-B BE SMLS 4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	19 341	23211707 A17357	23310548 CE23001997_3.1_01	5:Vareta PVX1312824	MW.20_BW S46	31/08/2023 S46	VT-I-016							

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: *Paulo Vidasinha*

Date: 07/02/2025

Sign:



APPROVED by Client

Name: *On behalf of Tecnimont*
Marco Alzamora

Date: NWI

Sign:

22/02/2025

APPROVED by 3rd party or AI

Name:

Date:

Sign:



LINE DATA				FLUID CODE: VA				LINE NO. 4"-VA-40Z05-1C17			
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.
00	23-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM	1C17	N / 0	E	N	1	19-A-19-000-1-01-00001 sheet 51

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS	Job	4274	Area	XHDL	2121	VA40Z05
UNIT		19	SHEET	2	REV	00	
PIPING ASSEMBLY DRAWING	19-L-19-000-2-00-86196 sheet 4	PIPING SUPPORT SPECIFICATION	XH-SG-000000002	PIPING STANDARD SUPPORT SUMMARY	XH-LP-000000001		
PIPING ISOMETRIC LIST	XH-LD-21210001	PIPING TYPICAL INSTALLATIONS	XH-SL-000000002	WELDING SPECIFICATION	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	11.9 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F34STD> (L-7955)	4	I128635	2	

ERECTION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3	SUPPORTS STANDARD GUIDE FOR NOT INS. PIPING-N1G1	4	189	1	
4	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	4	189	1	
5	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	4	190	1	
6	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	4	190	1	
7	VERT. TRESTLES WELDED TO STR TR31 L100X100X10	4	191	1	
8	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	4	191	1	
9	WELDED BRACKET TO STRUCT. SB02 HEA100	4	282	1	
10	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	4	282	1	

CUT 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>	10997	4"	F08	F	4"	BW				
<2>	354	4"	F09	F	4"	BW				
<3>	469	4"	S10	S	4"	BW				
			S11	S	4"	BW				
			S12	S	4"	BW				

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

INCH METER	
PIPE NS (IN)	CL LENGTH (M)
4	12.5

ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40Z05-24S00

SPOOLING REV NO. 00

AUTHORISED FOR CONSTRUCTION

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

LEGENDS




JOINT TYPE	HMEL TYPE OF JOINT	JOINT TYPE	HMEL TYPE OF JOINT	JOINT TYPE	HMEL TYPE OF JOINT	JOINT TYPE	HMEL TYPE OF JOINT	JOINT TYPE	HMEL TYPE OF JOINT
BW	G	SW	S	LET	LET	SOB	B		
FW	S	SIB	B	LF	RF	SOF	S		
LA	RF	SLW	S	MTW	M	THD	TH		

Notes: 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

 MECWISE <small>CONSTRUÇÃO MECÂNICA</small>		Prep.: TG	PROC. NR: PCL 22635
Status: IFC		Date: 23-08-2023	Rev: 00
Dimensional:		Signature:	
Before Welding		30/8/2023 	
After Welding		31/8/2023 	
* Assinalate deviation in the drawings ("n" or "n-")			
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)			

TECNIMONT
JOAQUIM PINTO
PIPING SUP
Joaoquim Pinto
AS BUILT