



 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-310-000005_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000005 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA40U07-2-SP03;2121-VA40U07-2-SP02;2121-VA40U05-2-SP03;2121-VA40U05-2-SP02;2121-VA40R01-2-SP04;2121-VA40R01-2-SP03;1211-VA00020-1-SP01;1211-VA00017-1-SP01;1211-VA00015-1-SP01;1211-VA00014-1-SP01;1211-VA00013-1-SP01;2121-VA00037-1-SP01;2121-VA00025-1-SP01;2121-VA00033-1-SP01;2121-VA00032-1-SP01;2121-VA00030-1-SP01;2121-VA49A08-2-SP03;2121-VA49A08-2-SP02;2121-VA49A01-2-SP02;2121-VA40N01-2-SP03;2121-VA40N01-2-SP02;2121-VA49A07-2-SP03;2121-VA49A07-2-SP02;2121-VA00027-1-SP02;2121-VA00027-1-SP01;2121-VA00026-1-SP02;2121-VA00026-1-SP01;1111-OG53001-1-SP01


JOAQUIM PINTO
PIPING SUP.
Joachim 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	19/09/2023	F. Almeida		
CONTRACTOR	19/09/2023	Luis Galar		
COMPANY				
(Free)				

ISO Summary List

22635 / 1238

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA00026-1**

Revision **00**

Priority **6**

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

PED Category **NA**

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	Repair 1	Repair 2
01	02	S03	BW	4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 341	17357	CE23001997_3.1.01	5 Varela	MW.20_BW	29/08/2023	VT-I-013						
			4" PIPE - A106-B BE SMLS	✓ 19	23211707	23310548	PVX1312824		S71								
02	02	S02	BW	4" PIPE - A106-B BE SMLS	✓ 19	23211707	23310548	5 Varela	MW.20_BW	29/08/2023	VT-I-013						
			4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 341	17357	CE23001997_3.1.01	PVX1312824		S71			RT: RT-I-075-A					
03	01	S01	BW	4x4" WN FLANGE ASME B16.5 150# A105N RF	✓ 36	10EE23	224878	5 Varela	MW.20_BW	24/08/2023	VT-I-010						
			4" PIPE - A106-B BE SMLS	✓ 19	23211707	23310548	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: Francisco Almeida

Date: 19/09/23

Sign:

APPROVED by Client

Name: D. Vatsiavelos

Date: 19/09/23

Sign:

APPROVED by 3rd party or AI

Name:

Date:

Sign:



Punch List

IDENTIFICATION CODE

PUNCH LIST

SHEET

1 / 1

DOC.CLASS

1

ISSUE

01



MECWIDE

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Version Industriale

ISO ID: 2121 - VA00026 - 1

~~NO COMMENTS~~

TECNIMONT
L. Gomes R
NW W

TECNIMONT
JOAQUIM PINTO
PIPING SUP.
Joaquim Pinto

NOTES AND REMARKS

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



LINE DATA									
FLUID CODE: VA					LINE NO. 4"-VA-00026-B-1				
PIPING MATERIAL CLASS		INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.			
B-1		N / O	E	N	1	45-A-45-000-1-01-00001 Sheet 4			
REV	DATE	REVISION DESCRIPTION		DRAWN UP	CHKD UP	APP'D			
00	11-08-2023	ISSUED FOR CONSTRUCTION		TG	MW	TM			

IDENTIFICATION CODE									
Job	EIC	T	Area	N					
4274	XHDL		2121	VA00026					
UNIT	45	SHEET	1	REV	00				
PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY		E C T N			
E C T N		XH-SG-00000002		XH-LP-00000001		E C T N			
PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION		E C T N			
XH-LD-21210001		XH-SL-00000002		XH-SW-00000001		E C T N			

BILL OF MATERIALS

FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PPA010B14STD> (L-7806)	4	I117953	17.7 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F34STD> (L-7955)	4	I128635	1	
3	FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R154STD> (L-149)	4	I5355796	1	

ERECTION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
4	GASKETS FLAT RING GASKET ASME B16.21 150# RFT BE NA/ARAMIDIC/NBR ASME B16.5 G02HDP2QR01 <NMGQ009R1FC4> (L-NMG11)	4	I1169033	1	
5	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length	5/8	I53437440	8	
6	SUPPORTS STOP HORIZ VERT FOR NOT INS. PIPING-N1F1	4	656	1	
7	U BOLT (FOR GUIDE)-P02D	4	656	1	
8	U BOLT (FOR GUIDE)-P02D	4	658	1	
9	U BOLT (FOR GUIDE)-P02D	4	660	1	
10	U BOLT (FOR GUIDE)-P02D	4	662	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>	17373	4"	S01	S	4"	BW	BJ01	4"	5/8"	90
<2>	297	4"	S02	S	4"	BW				
<3>		4"	S03	S	4"	BW				
			S04M	F	4"	BW				

INCH METER	
PIPE NS (IN)	CL LENGTH (M)
4	18.1

ISOMETRIC NO. 4274-SP-XH-DL-2121-VA00026-1-IS00		SPOOLING REV NO. 00
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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
BW	G	SW	S	LET	LET	SOB	B	
FW	S	SB	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

TECNIMONT
JOAQUIM PINTO
PIPING SUP
Joaoquin Pinto
AS BUILT

 MEC WIDE <small>CONSTRUTORA S.A.</small>	Prep.: TG	PROC. NR: PCL 22635
	Status: IFC	Date: 11-08-2023 Rev: 0
Dimensional:	Signature:	
Before Welding	23/8/2023	
After Welding	29/08/2023	
* Assinalate deviation in the drawings ("x n" or "- n").		
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo OK)		