

 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		
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

Spool No.	Ready for destination to: P: Painting (1) W: Wrapping F: Field	NDE Class	Check List					
			Visual Inspect	Traceability OK (2)	Pending NDE / PMI (Yes/No/NA)	PWHT / HARDNESS (Yes/No/NA)	Inside Cleaning (3) (Yes/No/NA)	Spool Identified (Yes/No/NA)

 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
SUBCONTRACTOR	Date [DD-MMM-YYYY]	Name	Signature	
CONTRACTOR	11/10/2023	Patricia Teixeira	Patricia Teixeira	
COMPANY	ulho 2023	Luis 62107		
(Free)				

 Tecnimont S.p.A.	 REPSOL REPSOL POLIMEROS SA	4274_CONST 4274-ALBA PROJECT-PP AND PEL PLANTS		
		MOD-ITP-XL_220 Rev.1	RELEASE OF SPOOLS FROM WORKSHOP	
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"


 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	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR	11/10/2023	Luiz Gomes	Luiz Gomes		
COMPANY					
(Free)					

ISO Summary List

22635 / 1376

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40Z05-3**

Revision **00**

Priority **6**

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	Repair 1	Repair 2
01	06	S16	BW 4" 90 LR ELBOW ASME B16.9 A234-WPB BE S 4" PIPE - A106-B BE SMLS	341 19	17357 23211707	CE23001997.3 1.01 23310548	5 Varela PVX1312824	MW.20_BW	29/08/2023 S138	VT-I-013							
02	05	F13	BW 4" 90 LR ELBOW ASME B16.9 A234-WPB BE S 4" PIPE - A106-B BE SMLS	19	23211707	23310548											
03	05	SF02	FT 4" PIPE - A106-B BE SMLS	19	23211707	23310548											
04	05	F14	BW 4" PIPE - A106-B BE SMLS 4" PIPE - A106-B BE SMLS	19 19	23211707 23211707	23310548 23310548											
05	06	S15	BW 4" PIPE - A106-B BE SMLS 4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	19 341	23211707 17357	23310548 CE23001997.3 1.01	5 Varela PVX1312824	MW.20_BW	29/08/2023 S138	VT-I-013		RT-RT-I-0108					

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: *11/10/2023*
Sign: *Patricia Texeira*
QC




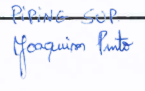
APPROVED by Client

Name: *Luiz Gomes*
Date: *11/10/2023*
Sign: *[Signature]*
WZ

APPROVED by 3rd party or AI

Name:
Date:
Sign:

 Tecnimont	Punch List PUNCH LIST	IDENTIFICATION CODE		
		SHEET 1 / 1	DOC.CLASS 1	ISSUE 01
 MECWISE <small>ENGINEERING CONSULTANTS</small>  <small>AMPER</small> <small>Services and Control</small>	ISO ID: 2121 - VA40Z05 - 3			

No.	Field	Description	Date	Completed
		NO COMMENTS		
		  L. Gomes <small>NWI</small>	 JOAQUIM PINTO <small>PRIME-SEP</small> 	
NOTES AND REMARKS				

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




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



PIPING ISOMETRIC

IDENTIFICATION CODE

 Tecnimont		PIPING ISOMETRIC	IDENTIFICATION CODE			
			Job	ETC	T	Area
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS	4274	XHDL	2121	VA40Z05
			UNIT	19	SHEET	3 REV 00
REFERENCES	PIPING ASSEMBLY DRAWING	E C T N 19-L-19-000-2-00-86196 sheet 7	PIPING SUPPORT SPECIFICATION	E C T N XH-SG-000000002	PIPING STANDARD SUPPORT SUMMARY	E C T N XH-LP-000000001
	PIPING ISOMETRIC LIST	E C T N XH-LD-21210001	PIPING TYPICAL INSTALLATIONS	E C T N XH-SL-000000002	WELDING SPECIFICATION	E C T N XH-SW-000000001

BILL OF MATERIALS

FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE - A106-B BE SMLS TO1AC03V02 S-STD <PIPA010B14STD> (L-7806)	4	1117953	12.9 M	
2	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F34STD> (L-7955)	4	1128635	1	

ERECTION MATERIALS

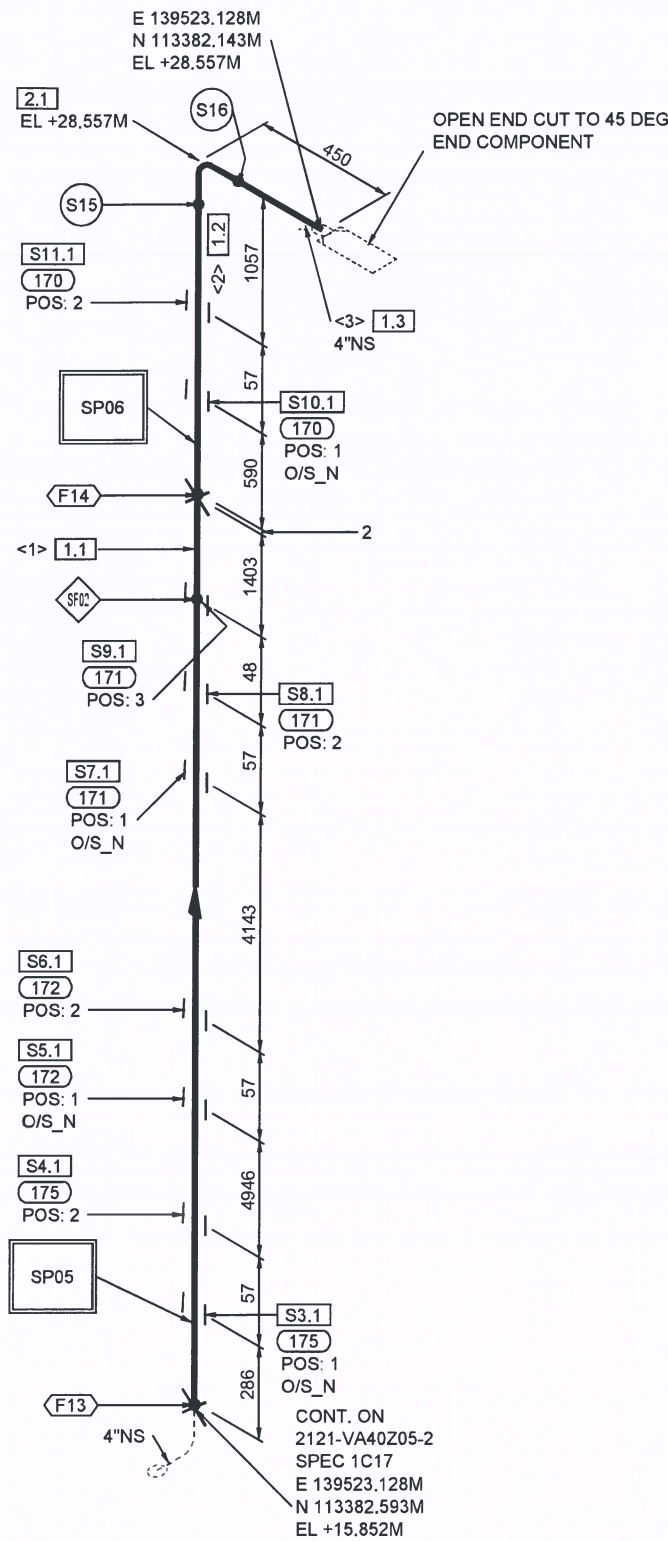
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3	U BOLT (FOR GUIDE)-P02D	4	175	1	
4	WELDED BRACKET TO STRUCT. SB35 - HEA120	4	175	1	
5	U BOLT (FOR GUIDE)-P02D	4	172	1	
6	WELDED BRACKET TO STRUCT. SB35 - HEA120	4	172	1	
7	U BOLT (FOR GUIDE)-P02D	4	171	1	
8	WELDED BRACKET TO STRUCT. SB35 - HEA120	4	171	1	
9	WELDED EXTENSIONS-EW01 DN2 = 3 L = 162	4	171	1	
10	U BOLT (FOR GUIDE)-P02D	4	170	1	
11	WELDED BRACKET TO STRUCT. SB35 - HEA120	4	170	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>	10997	4"	F13	F	4"	BW				
<2>	1550	4"	SF02	F	4"	FT				
<3>	296	4"	F14	F	4"	BW				
			S15	S	4"	BW				
			S16	S	4"	BW				
INCH METER										
PIPE NS (IN)					CL LENGTH (M)					
4					13.1					
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40Z05-3-IS00										SPOOLING REV NO. 00



TECNIMONT
JOAQUIM PINTO
PIPING SUP
Joaoquim Pinto
AS BUILT

 MECWISE Produced by		Prep.: TG	PROC. NR: PCL 22635
		Status: IFC	Date: 23-08-2023 Rev: 00
Dimensional:		Signature:	
Before Welding		28/8/2023 	
After Welding		24/8/2023 	
* As indicated deviation in the drawings ("n" or "n")			
Autocad control (visual) registered in the Welder Production Sheet in the field of observations (Autocad control OK)			

AUTHORISED FOR CONSTRUCTION

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

JOINT TYPE	HMEI TYPE OF JOINT	JOINT TYPE	HMEI TYPE OF JOINT	JOINT TYPE	HMEI TYPE OF JOINT	JOINT TYPE	HMEI TYPE OF JOINT
BW	G	SW	S	LET	LET	SOB	B
PW	S	SIB	B	LF	RF	SOF	S
LA	RF	SLW	S	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

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