

 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-310-000022_MOD-ITP-XL_220 RFI Nr.: 554	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000022 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:




2121-FL41C01-3-SP05;2121-FL41C01-3-SP04;2121-FL41B02-2-SP05;2121-FL41B02-2-SP04;2121-FL41B02-2-SP03;2121-FL41B02-1-SP02;2121-FL41B02-1-SP01;2121-FL41A01-3-SP04;2121-FL41A01-3-SP03;2121-CWS91J51-1-SP01;2121-VA40E02-3-SP04;2121-VA40E02-3-SP03;2121-VA40E02-2-SP02;2121-VA40E02-1-SP01;2121-VA40E01-3-SP04;2121-VA40E01-3-SP03;2121-VA40E01-2-SP02;2121-VA40E01-1-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"

 L. Gomes NWI		 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	30/11/2023	Patricia Texeira	Patricia Texeira		
CONTRACTOR	30/11/2023	Luis Gomes	Luis Gomes		
COMPANY					
(Free)					

ISO Summary List

22635 / 1226

Page 1

 Client **TECNIMONT/REPSOL**

 Job # **22635**

% RT/UT

 Local **Portugal**

 Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

 ISO # **2121-CWS91J51-1** ✓

 Revision **00**

 Priority **6**

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

 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	S09	BW	3" PIPE - A106-B BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	17	23211709 ✓	23310546	5.Varela	MW.20_BW	23/08/2023	VT-I-009							
02	S02	BW	3" PIPE - A106-B BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3.1_01	PVX1312824	MW.20_BW	S71	VT-I-009							
03	S03	BW	3" PIPE - A106-B BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3.1_01	PVX1312824	MW.20_BW	S71	VT-I-009							
08	S08	BW	3" PIPE - A106-B BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	17	23211709 ✓	23310546	5.Varela	MW.20_BW	23/08/2023	VT-I-009							
08	S07	BW	3" PIPE - A106-B BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3.1_01	PVX1312824	MW.20_BW	S71	VT-I-009		RT-RT-078					

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: *Patrícia Teixeira*

 Date: *30/11/2023*

 Sign: *Patrícia Teixeira*
APPROVED by Client

 Name: **TECNIMONT**

 Date: *L. Gomes*

 Sign: *L. Gomes*
APPROVED by 3rd party or AI

Name:

Date:


Sign:

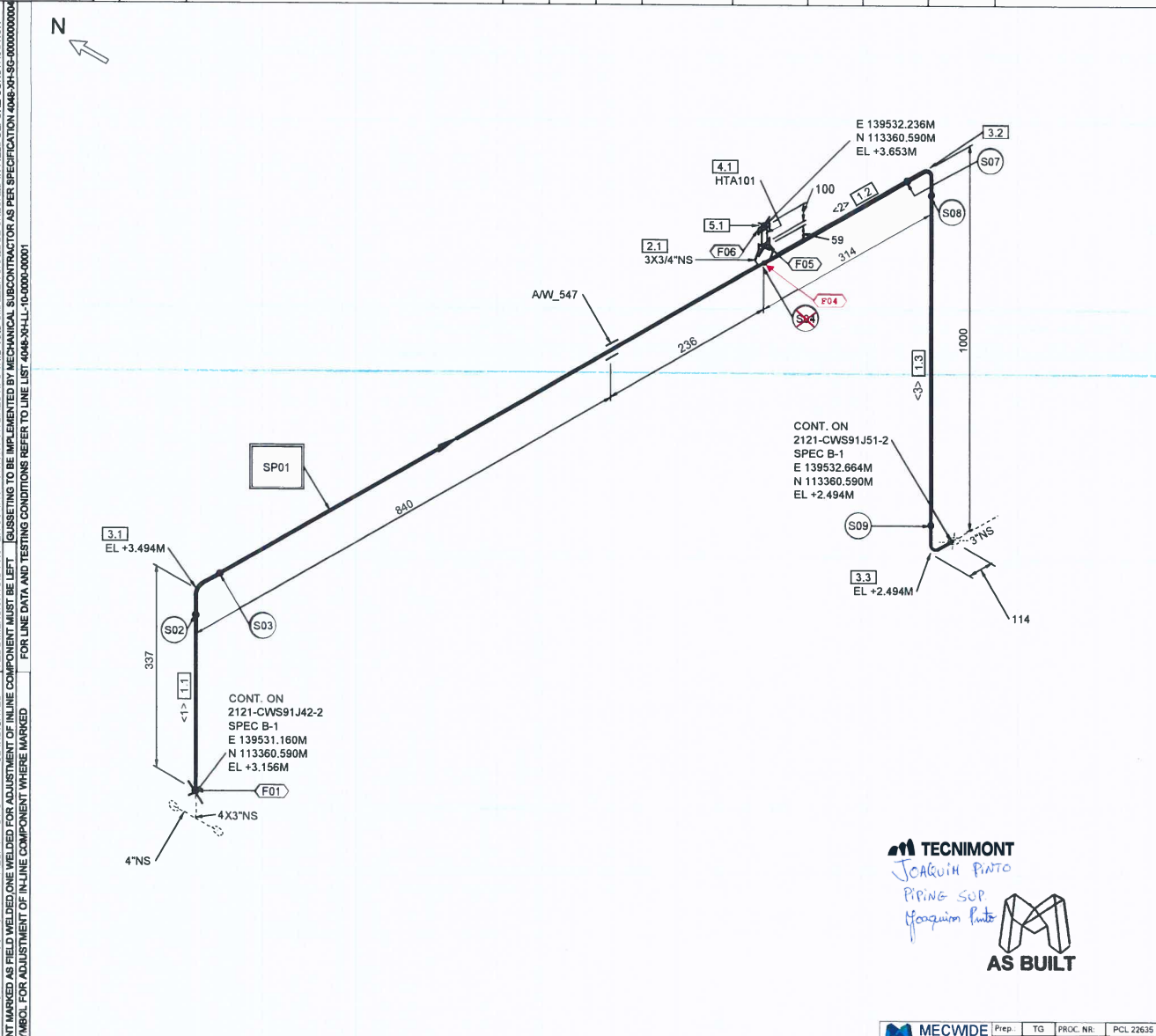
30/11/2023



FC-1226

					LINE DATA								
					FLUID CODE: CWS			LINE NO. 3"-CWS-91J51-B-1					
					PIPING MATERIAL CLASS		INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.		
00	11-08-2023	ISSUED FOR CONSTRUCTION			TG	MW	TM						
REV	DATE	REVISION DESCRIPTION			DRAWN UP	CHKD UP	APPD	B-1	N / 0	E	N	1	19-A-19-000-1-01-00001 sheet 107

 Technimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
				Job	EIC	Area	N
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMERGS		4274	XHDL	2121	CWS91J51
				UNIT	19	SHEET	1 REV 00
REFERENCES	PIPING ASSEMBLY DRAWING	E C T N	PIPING SUPPORT SPECIFICATION	E C T N	PIPING STANDARD SUPPORT SUMMARY		E C T N
	19-L-19-000-1-00-85192 sheet 2	XH-SG-00000002		XH-SG-00000002			XH-LP-00000001
	PIPING ISOMETRIC LIST	E C T N	PIPING TYPICAL INSTALLATIONS	E C T N	WELDING SPECIFICATION		E C T N



BILL OF MATERIALS				
FABRICATION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806)	3	1117921	2.2 M
2	FITTINGS REDUCING SOCKLETT MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <SOKA300LB01511> (L-343)	3X3/4	11651368	1
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955)	3	1128599	3


ERECTION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
4	FITTINGS NIPPLE - A106-B PE MTE SMLS LENGTH 100mm R03AQCO3ZV04 S-XS <NTOA010E1111624> (L-7888)	3/4	12221184	1
5	CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC44Z001 NREQD <CATA300KBK34> (L-79)	3/4	11651686	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)	LENGTH (MM)
<1>	220	3"	F01	F	3"	BW			
<2>	1158	3"	S02	S	3"	BW			
<3>	767	3"	S03	S	3"	BW			
			S04 F04	S	3/4"	OL			
			F05	F	3/4"	SW			
			F06	F	3/4"	THD			
			S07	S	3"	BW			
			S08	S	3"	BW			
			S09	S	3"	BW			
INCH METER									
PIPE NS (IN)					CL LENGTH (M)				
3					4.1				
0.75					0.1				
ISOMETRIC NO. 4274-SP-XH-DL-2121-CWS91J51-1-IS00								SPOOLING REV NO. 00	

AUTHORISED FOR CONSTRUCTION

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

LEGENDA							
JOINT TYPE	HMBL TYPE OF JOINT	JOINT TYPE	HMBL TYPE OF JOINT	JOINT TYPE	HMBL TYPE OF JOINT	JOINT TYPE	HMBL TYPE OF JOINT
BW	G	SW	B	LET	LET	DOB	B
PW	S	SBS	B	LP	RF	BOF	S
LA	RF	BLW	B	MTW	M	THD	TH

 MECVIDE <small>soluções em metal</small>	Prep:	TG	PROC. NR:	PCL 22635
	Status:	IFC	Date:	11-08-2023 Rev: 00
Dimensional:	Signature:			
Before Welding	23/8/2023			
After Welding	23/8/2023			
* Assinalate deviation in the drawings ("x n" or "n").				
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)				

TECNIMONT
JAQUIN RINTO
PIPING SOP
Jaquim Rinto
AS BUILT

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