

 TECNIMONT 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	Report n° IP-WSR-P-310-000022_MOD-ITP-XL_220 RFI Nr.: 554
Unit -		Date :	
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:


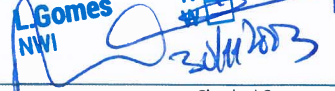

2121-FL41C01-3-SP05;2121-FL41C01-3-SP04;2121-FL41B02-2-SP05;2121-FL41B02-2-SP04;2121-FL41B02-2-SP03;2121-FL41B02-1-SP02;2121-FL41B02-1-SP01;2121-FL41A01-3-SP04;2121-FL41A01-3-SP03;2121-CWS91J51-1-SP01;2121-VA40E02-3-SP04;2121-VA40E02-3-SP03;2121-VA40E02-2-SP02;2121-VA40E02-1-SP01;2121-VA40E01-3-SP04;2121-VA40E01-3-SP03;2121-VA40E01-2-SP02;2121-VA40E01-1-SP01

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
SUBCONTRACTOR	Date [DD-MMM-YYYY]	Name	Signature		
CONTRACTOR	30/11/2023	Patricia Texeira	Patricia Texeira		
COMPANY	30/11/2023	Luis Gomes	Luis Gomes		
(Free)					

ISO Summary List

22635 / 2535

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-FL41A01-3**

Revision **00**

Priority **6**

Piping Size/Class **3-B32S1**

PED Category **I**
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	04	S17 ✓ BW	3" PIPE - A333-6 BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	125 349	23102062 ✓ 793850 ✓	23503488 ✓ CE23002033_3.1_01 ✓	6/Varela F ✓ PVX2210111 ✓	MW.23_BW	09/10/2023 S08	VT-I-043							
03	03	S12 ✓ BW	3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ 3" PIPE - A333-6 BE SMLS ✓	349 125	793850 ✓ 23102062 ✓	CE23002033_3.1_01 ✓ 23503488 ✓	6/Varela F ✓ PVX2210111 ✓	MW.23_BW	10/10/2023 S08	VT-I-044							
05	03	S13 ✓ BW	3" PIPE - A333-6 BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	125 349	23102062 ✓ 793850 ✓	23503488 ✓ CE23002033_3.1_01 ✓	6/Varela F ✓ PVX2210111 ✓	MW.23_BW	10/10/2023 S08	VT-I-044		RT: RT-I-0224					
07	04	S15 ✓ BW	3" PIPE - A333-6 BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	125 349	23102062 ✓ 793850 ✓	23503488 ✓ CE23002033_3.1_01 ✓	6/Varela F ✓ PVX2210111 ✓	MW.23_BW	09/10/2023 S08	VT-I-043							
08	04	S16 ✓ BW	3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ 3" PIPE - A333-6 BE SMLS ✓	349 125	793850 ✓ 23102062 ✓	CE23002033_3.1_01 ✓ 23503488 ✓	6/Varela F ✓ PVX2210111 ✓	MW.23_BW	09/10/2023 S08	VT-I-043							

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 Teixeira*

Date: *30/11/2023*

Sign: *Patricia Teixeira*
APPROVED by Client

Name: **TECNIMONT**

Date: *L. Gomes*

Sign: *[Signature]*
APPROVED by 3rd party or AI

Name:

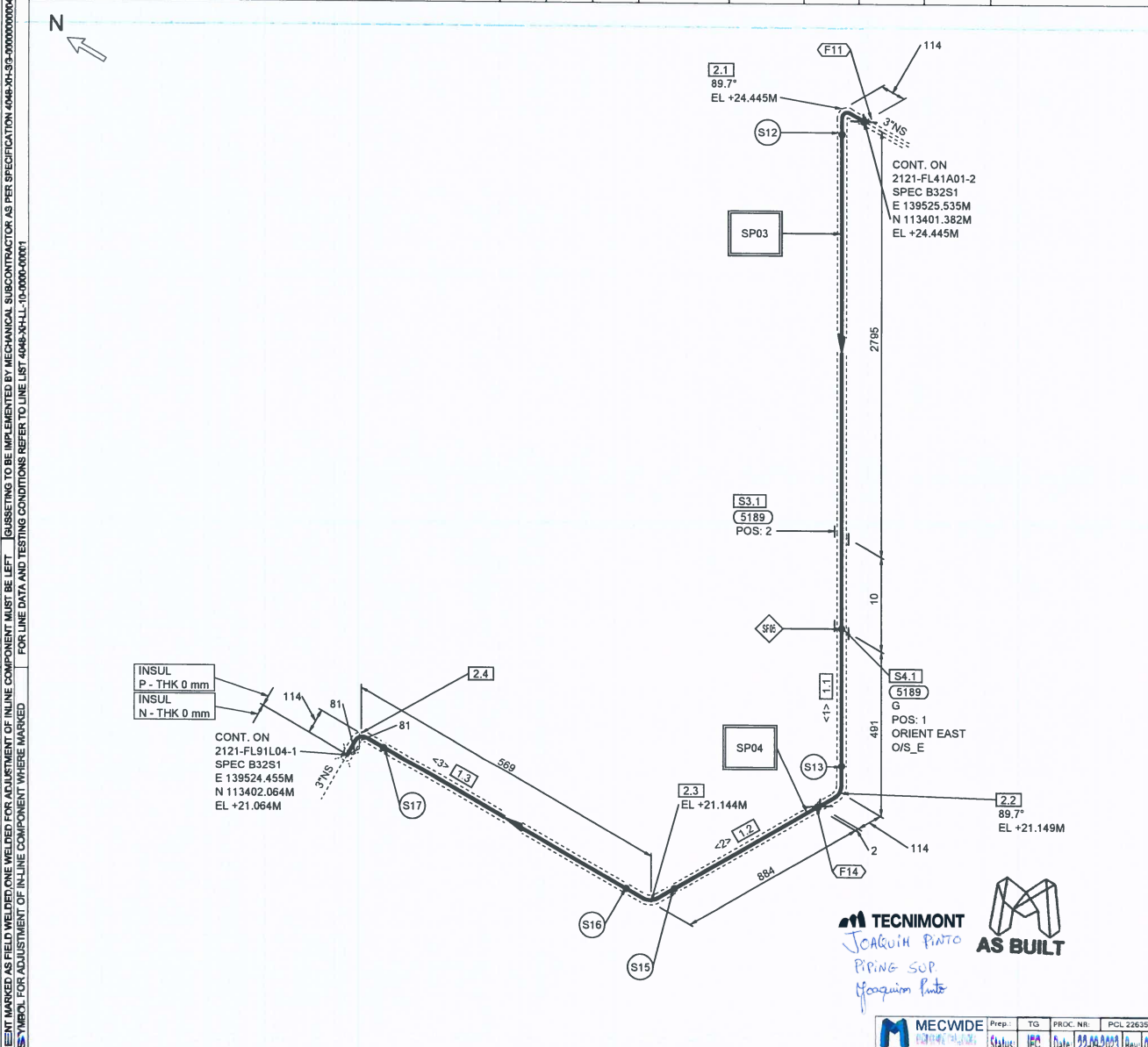
Date:

Sign:



						LINE DATA							
						FLUID CODE: FL			LINE NO 3"-FL-41A01-B32S1 (P)				
						PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.		
00	22-09-2023	ISSUED FOR CONSTRUCTION			TG	MW	TM	B32S1	P / 50	M	N	1	19-A-19-000-1-01-00001 sheet 52
REV	DATE	REVISION DESCRIPTION			DRAWN UP	CHKD UP	APP'D	B32S1	P / 50	M	N	1	19-A-19-000-1-01-00001 sheet 52

TECNIMONT		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS	Job	2121	Area	FL41A01		
		UNIT	19	SHEET	3	REV	00
PIPING ASSEMBLY DATA		ECY N	19-L-19-000-1-00-56197 sheet 6	ECY N	XH-SG-000000002	ECY N	XH-LP-000000001
PIPING ISOMETRIC LIST		ECY N	XH-LD-21210001	ECY N	XH-SL-000000002	ECY N	XH-SW-000000001



BILL OF MATERIALS										
FABRICATION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
1	PIPE PIPE - A333-6 BE SMLS T01AC22V02 S-STD <PIPL020B13STD> (L-8199).	3	I146278	4.2 M						
2	FITTINGS 90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> (L-7966).	3	I213645	4						
ERECTION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
3	SUPPORTS STAKES SUPPORTS ST02 L100X100X10	3	5189	1						
4	WELDED GUIDE-C1G1 H = 100 L = 300	3	5189	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>	3066	3"	F11	F	3"	BW				
<2>	366-868	3"	S12	S	3"	BW				
<3>	336	3"	SF05	F	3"	FT				
			S13	S	3"	BW				
			F14	F	3"	BW				
			S15	S	3"	BW				
			S16	S	3"	BW				
			S17	S	3"	BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3		5.0	
ISOMETRIC NO. 4274-SP-XH-DL-2121-FL41A01-3-I500							SPOOLING REV NO. 00			

AUTHORISED FOR CONSTRUCTION

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

JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE
BW	G	BW	B	LET	LET	BOB	B	BOB	B
PW	B	BLW	B	LP	RP	BOF	B	BOF	B
LA	RP	BLW	B	MTW	M	THD	TH	THD	TH

MECOWIDE

Prep: TG, PROC. NR: PCL 22635

Status: IFC, Date: 22-09-2023, Rev: 00

Dimensional: 8/10/2023

Before Welding: 10/10/2023

After Welding: 10/10/2023

* Assemblé deviation in the drawings (1/10 - 0 - 0/1)

Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)

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