

 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-310-000136_RFI2325_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000136_RFI2325 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA49A02-2-SP04;2121-VA49A02-2-SP03;1121-BDL24073-1-SP05;1121-BDL24073-1-SP04;1211-CWR86011-2-SP02;1211-CWR86011-2-SP01;2121-VA49A05-2-SP04;2121-VA49A05-2-SP03;2121-VA49A05-2-SP02;2121-VA49A02-2-SP05;2121-FL40B01-1-SP03;2121-FL40B01-1-SP02;2121-FL40B01-1-SP01;2211-FL52A01-2-SP03;2211-FL52A01-2-SP02;1211-CWR86011-2-SP03;2121-FL41B01-2-SP05;2121-FL41B01-2-SP04;2121-FL41B01-1-SP03;2121-FL41B01-1-SP02;2121-FL41B01-1-SP01;2121-FL40K05-1-SP01;2211-IW91N06-1-SP03;2211-IW91N06-1-SP02;2211-IW91N06-1-SP01;2121-FL41C01-2-SP03;2121-FL41C01-2-SP02;2121-FL41B01-2-SP06;2211-PA91P06-2-SP06;2211-PA91P06-2-SP05;2211-IW91N06-2-SP06;2211-IW91N06-2-SP05;2211-IW91N06-1-SP04

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"

Ion Dragos Andrei
17.05.2024


 I.D. Poliharnescu R ☒
 NWI W ☐
 17/05/24

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] 14/05/2024	Name Patricia Teixeira	Signature Patricia Teixeira		
CONTRACTOR					
COMPANY					
(Free)					



ISO Summary List

22635 / 2539

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-FL41C01-2**

Revision **00**

Priority **2**

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	03	F10	BW	3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	349	793850 ✓	CE23002033_3_1_01										
			3" PIPE - A333-6 BE SMLS ✓	453	23102064 ✓	23503488											
02	02	S08	BW	3x3" WN FLANGE ASME B16.5 150# A350-LF2 ✓	TCM	22904159 ✓	BLD-25-0525-019	18:Vareta F	MW.23_BW	22/12/2023	VT-I-095						
			3" PIPE - A333-6 BE SMLS ✓	453	23102064 ✓	23602074	PVX2910998			S287							
03	02	S09	BW	3" PIPE - A333-6 BE SMLS ✓	453	23102064 ✓	23602074	18:Vareta F	MW.23_BW	22/12/2023	VT-I-095						
			3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	349	793850 ✓	CE23002033_3_1_01	PVX2910998			S287							

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: *14/05/2024*
Sign: *Patricia Texeira*

APPROVED by Client

Name: **TECNIMONT**
Date: *I.D. Polifronescu R*
Sign: *17/07/24*

APPROVED by 3rd party or AI

Name:
Date:
Sign:



LINE DATA									
FLUID CODE: FL					LINE NO. 3"-FL-41C01-B32S1 (P)				
PIPING MATERIAL CLASS		INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.			
B32S1		P / 50	M	N	1	19-A-19-000-1-01-00001 sheet 54			
00	22-09-2023	ISSUED FOR CONSTRUCTION		TG	MW	TM			
REV	DATE	REVISION DESCRIPTION		DRAWN UP	CHKD UP	APP'D			



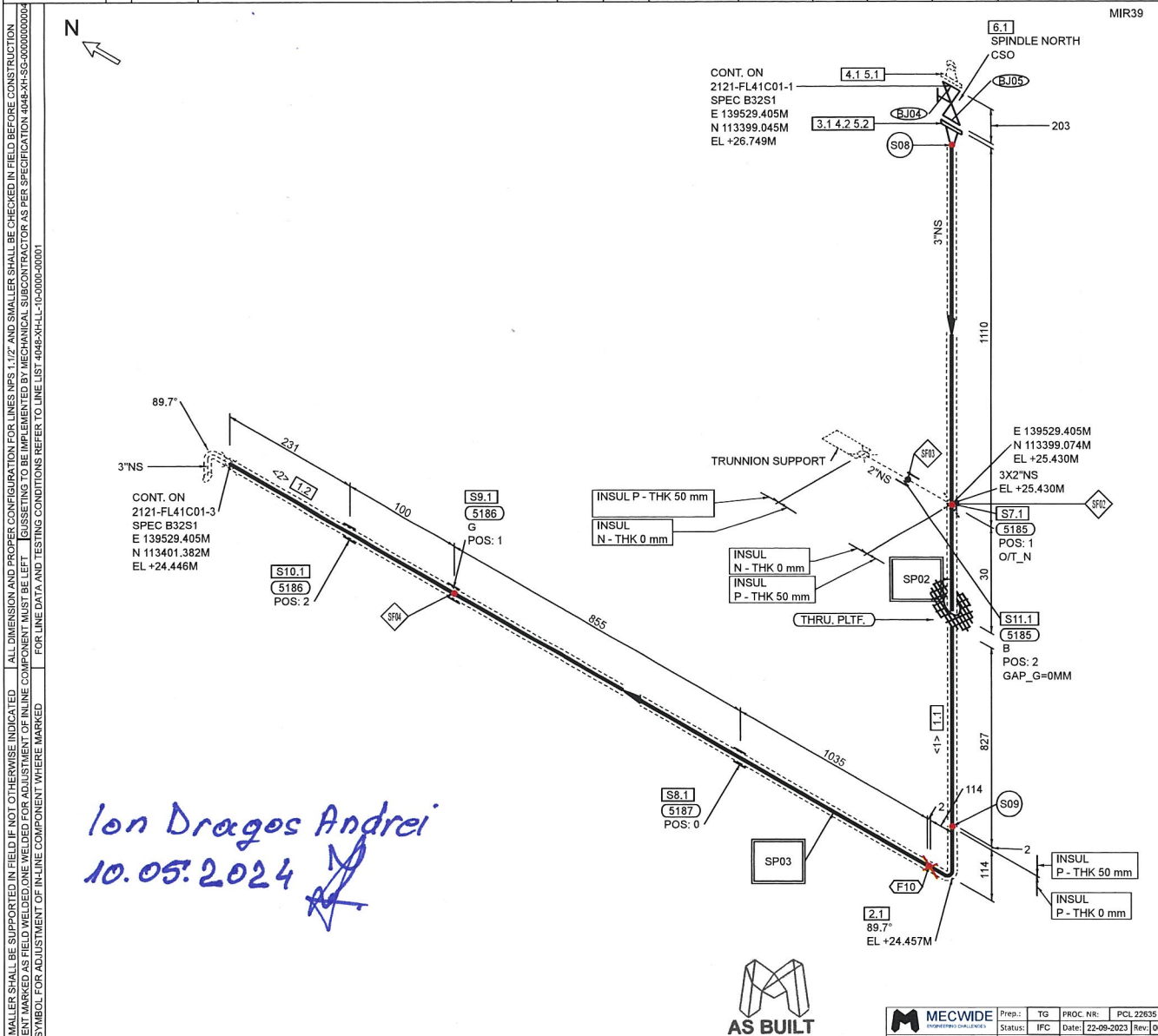
PIPING ISOMETRIC

PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		IDENTIFICATION CODE			
Job	EICT	T	Area	N	Job	EICT	T
4274	XHDL	2121	FL41C01		UNIT	19	SHEET
				2	REV	00	
PIPING ASSIGNED BY DRAWING				PIPING SUPPORT SPECIFICATION			
19-L-19-000-2-00-86197 sheet 7				XH-SG-00000002			
PIPING ISOMETRIC LIST				PIPING TYPICAL INSTALLATIONS			
XH-LD-21210001				XH-SL-00000002			
				WELDING SPECIFICATION			
				XH-SW-00000001			

BILL OF MATERIALS

FABRICATION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
1	PIPE - A333-6 BE SMLS T01AC22V02 S-STD <PIPL020B13STD> (L-8199).	3	I146278	4.2 M
2	90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> (L-7966).	3	I213645	1
3	WN FLANGE ASME B16.5 150W A350-LF2 Class 1 RFFE BE 125 - 250 AARH F01CDC07BV05 S-STD <WNFL300R153STD> (L-7971).	3	I140827	1
ERECTION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
4	GASKETS FLAT RING GASKET ASME B16.21 150W RFTBE NA/CARBON/NBR ASME B16.5 G02HDP2QS01 <NMG0102R1F3> (L-NMG17)	3	I1169079	2
5	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I01085301 <SB2R55G5/831/2> - 2 NUTS PER BOLT - 90 mm Length	5/8	I55705059	8
6	VALVES/JIN-LINE ITEMS GATE VALVE API 600 150W A352-LCC RFFE 10-316 API 600 L7/7 125 - 250 AARH BB-058Y FLXW API 600 HW ASME B16.5 V01FDC82B12R NREOD <G43L-8353> (L-8353).	3	I63584469	1
7	SUPPORTS WELDED EXTENSIONS-EW05 DN2 = 2 L = 330	3	5185	1
8	SPECIALITY SUPPORT - 19-SP-026	3	5187	1
9	WELDED GUIDE-C1G1 H = 100 L = 300	3	5186	1
10	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	3	5186	1
11	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	2	5185	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>	1895	3"	S08	S	3"	BW	BJ04	3"	5/8"	90
<2>	2321	3"	SF02	F	3"	FT	BJ05	3"	5/8"	90
			SF03	F	2"	FT				
			S09	S	3"	BW				
			F10	F	3"	BW				
			SF04	F	3"	FT				
INCH METER										
PIPE NS (IN)					CL LENGTH (M)					
3					6.5					
ISOMETRIC NO. 4274-SP-XH-DL-2121-FL41C01-2-IS00										SPOOLING REV NO. 00



Ion Dragos Andrei
10.05.2024

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
RW	G	SW	S	LFT	LEI	SOB	B		
FW	S	SB	B	LF	RF	SOI	S		
L4	RF	SLW	S	MTW	M	THD	TH		

M MECWIDE Prep.: TG PROC. NR: PCL 22635
Status: IFC Date: 22-09-2023 Rev: 00
Dimensional: 21/02/23
Before Welding: 23/02/23
After Welding: 23/02/23
* Assinalate deviation in the drawings ("n" or "n").
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)

Notes:	1 DENOTES PARTS LIST NO	PIPE SUPPORT	A = RESTING SUPPORT G = GUIDE F = AXIAL RESTRAINT B = GUIDE + STOP M = SPRING	PROJECT: LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) FOR PROJECT - ALBA PROJECT
			WHERE A WITHOUT NUMBERING IS INDICATED THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE	