

 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-310-000055_RFI1119_MOD-ITP-XL_220 RFI Nr.: 1119 Date :	
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000055_RFI1119 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:




2211-VRG50A09-1-SP02;2211-VRG50A09-1-SP01;2211-VRG50A08-1-SP11;2211-VRG50A08-1-SP07;2211-VRG50A08-1-SP06;2211-VRG50A08-1-SP05;2211-FL50A02-4-SP09;2211-FL50A02-4-SP08;2211-CWR40G04-3-SP04;2211-CWR40G04-2-SP03;2211-CWR40G04-2-SP02;2211-CWR40G04-1-SP01;2211-CWR40B02-3-SP04;2211-CWR40B02-3-SP03;2121-VRG41B13-1-SP05;2121-VG40P02-1-SP01;2121-FL40K02-1-SP02;2121-FL40K02-1-SP01;2121-FL40C01-3-SP04;2121-FL40C01-3-SP03;2121-ET40F04-1-SP02;2121-ET40F04-1-SP01;2121-ET40A07-7-SP04;2121-CWS40G04-1-SP03;2121-CWS40G04-1-SP02;2121-CWS40G04-1-SP01;2121-CWS40G03-2-SP02;2121-CWS40G03-1-SP01-ZZ;2121-CWR40B02-3-SP07;2121-CWR40B02-3-SP06;2121-CWR40B02-1-SP11;2121-CWR40B02-1-SP02;2121-CWR40B02-1-SP01;2121-COM40B01-1-SP02;2121-COM40B01-1-SP01;2121-BU10C13-2-SP05;2121-BU10C13-2-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"

 L.Gomes NWI 20/02/2024	 Pinto Joaquim Mechanical Piping Spv. Joaquim Pinto 20/02/2024	JOT Amora 20/02/2024  No 30 1155
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] 20/02/2024	
SUBCONTRACTOR CONTRACTOR COMPANY (Free)	Name Patricia Teixeira	Signature Patricia Teixeira



ISO Summary List

22635 / 1974

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-ET40A07-7**

Revision **00**

Priority **6**

Piping Size/Class **3-1E21**

PED Category **III**

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
04	S12	BW	3" PIPE - A106-B BE SMLS 3x3" WN FLANGE ASME B16.5 300# A105N RF	17 38	23211709 70HC22	23310546 225129	17:Varela PVX4010501	MW.20_BW	07/12/2023 S138	VT-I-085							

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: *19/02/2024*
Sign: *Patricia Teixeira*

APPROVED by Client

Name: **TECNIMONT**
Date: *L. Gomes*
Sign: *L. Gomes*

APPROVED by 3rd party or AI

Name: *JOSE MANUEL*
Date: *20/02/2024*
Sign: *JOSE MANUEL*



IDENTIFICATION CODE

SHEET
1 / 1

DOC.CLASS
1

ISSUE
01



ISO ID: 2121 - ET40A07 - 7

[illegible]

TECNIMONT

Pinto Joaquim
Mechanical Piping Spv.

Joachim Pinto
20/02/2024

NOTES AND REMARKS



L.Gomes
NWI



20

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



						LINE DATA							
						FLUID CODE: ET			LINE NO. 3"-ET-40A07-1E21				
						PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.		
00	11-09-2023	ISSUED FOR CONSTRUCTION			TG	MW	TM	1E21	N / 0	E	N	1	19-A-19-000-1-01-00001 sheet 28
REV	DATE	REVISION DESCRIPTION			DRAWN UP	CHKD UP	APP'D	1E21	N / 0	E	N	1	19-A-19-000-1-01-00001 sheet 28

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
Job		Area		Job		Area	
4274		2121		ET40A07			
UNIT		SHEET		7		REV 00	
19							
REFERENCES		PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY	
19-L-19-000-1-01-00001 sheet 2		XH-S-G-000000002		XH-LP-000000001			
PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION			
XH-LD-212100001		XH-SL-000000002		XH-SW-000000001			

MIR01

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	I117921	1.7 M
2	FLANGES WN FLANGE ASME B16.5 300# A105H RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD <WNFA300R353STD> (L-236)	3	I4217853	1

ERECTION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.

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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>	1671	3"	F11 S12	F S	3"	BW BW				
INCH METER										
PIPE NS (IN)					CL LENGTH (M)					
3					1.8					

ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION FOR THE COMPONENTS. ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION FOR THE COMPONENTS. ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION FOR THE COMPONENTS.



CONT. ON
2121-VRG41B13-1
SPEC C-42
E 139517.107M
N 113388.147M
EL +5.518M

SPINDLE EAST
2.1

S12

1.1

1752

SP04

3"NS

F11

8X3"NS

CONT. ON
2121-ET40A07-1
SPEC 1E21
E 139517.107M
N 113388.147M
EL +3.764M



TECNIMONT
Pinto Joaquim
Mechanical Piping Spv.

Joaquim Pinto
20/02/2024

AUTHORISED FOR CONSTRUCTION

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

JOINT TYPE	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT	WELD TYPE OF JOINT
BW	G	BW	S	LET	LET	BOB	S
PW	S	BB	S	LF	RF	BOF	S
LA	RF	BLW	S	MTW	M	THD	TH

 MECOWIDE ENGINEERING CHALLENGES	Prep.: TG	PROC. NR: PCL 22635
	Status: IFC	Date: 11-09-2023 Rev: 00
Dimensional:	Signature:	
Before Welding		
After Welding		
* Actualize deviation in the drawings (* n or "n").		
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

ISOMETRIC NO. 4274-SP-XH-DL-2121-ET40A07-7-IS00
SPOOLING REV NO. 00