

 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-310-000030_RFI727_MOD-ITP-XL_220	
		RFI Nr.: 727	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000030_RFI727 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:


2121-VG40P10-3-SP05;2121-VG40P10-3-SP04;2121-VG40P10-3-SP03;2121-VG40P10-2-SP02;2121-VG40P10-1-SP01;2121-VG40P02-2-SP05;2121-VG40P02-2-SP04;2121-VG40P02-2-SP03;2121-VG40P02-2-SP02;2121-VG40P02-2-SP01;2121-HCM40C01-1-SP02;2121-HCM40C01-1-SP01;2121-ET40J11-1-SP01;2121-ET40F04-7-SP16;2121-ET40F04-7-SP15;2121-ET40F04-5-SP10;2121-ET40F04-5-SP09;2121-ET40F04-3-SP04;2121-ET40F04-10-SP12;2121-ET40F04-10-SP11;2121-ET40A07-5-SP09;2121-ET40A07-5-SP08;2121-ET40A07-3-SP06;2121-ET40A07-2-SP05;2121-CWS40G02-5-SP05;2121-CWS40G02-5-SP04;2121-CWS40G02-1-SP06;2121-CWR40B02-7-SP05;2121-CWR40B02-7-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
 04/01/2024


 reviewed by
 NoBo 1155
 witnessed by
 04/01/2024

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	04/01/2024	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR	04/01/2024	JOAQUIM PINTO	Joaoquin Pinto		
COMPANY					
(Free)					



QC
Piping. SUP. TEM

ISO Summary List

22635 / 1351
Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-ET40F04-3**

Revision **00**

Priority **6**

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

PED Category **II**

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	S23	BW	17	23211709	23310546	16:Vareta	MW.20_BW	03/11/2023	VT-I-063							
			3x3" PIPE - A106-B BE SMLS	38	70HC22	225129	PVX2911394		S46								
04	04	S22	BW	213	782363	CE23007078_3.1_01	16:Vareta	MW.20_BW	03/11/2023	VT-I-063							
			3" STRAIGHT TEE ASME B16.9 A234-WPB BE	17	23211709	23310546	PVX2911394		S46								
05	04	S21	BW	17	23211709	23310546	16:Vareta	MW.20_BW	03/11/2023	VT-I-063							
			3" PIPE - A106-B BE SMLS	213	782363	CE23007078_3.1_01	PVX2911394		S46								
			3" STRAIGHT TEE ASME B16.9 A234-WPB BE														

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: 04/01/2024
Sign: Patricia Teixeira

APPROVED by Client

Name: L. Gomes
Date: 04/01/2024
Sign: L. Gomes

APPROVED by 3rd party or AI

Name: João Amaro
Date: 09/01/2024
Sign: João Amaro

SGS
NoBo 1155

						FLUID CODE: ET			LINE NO. 3"-ET-40F04-1E21				
						PIPING	INSULATION	WELD	HEAT	PAINTING	P&ID No.		
						MATERIAL CLASS		CLASS	TREATMENT	CODE			
00	22-08-2023	ISSUED FOR CONSTRUCTION			TG	MW	TM						
REV	DATE	REVISION DESCRIPTION			DRAWN UP	CHKD UP	APP'D	1E21	N / O	E	N	1	19-A-19-000-1-01-00001 sheet 3 of 3

	F C T N	F C T N		F C T N	
PILING ASSEMBLY DRAWING	19-L-19-000-2-00-86196 sheet 6	PILING SUPPORT SPECIFICATION	XH-SG-00000002	PILING STANDARD SUPPORT SUMMARY	XH-LP-00000000
REFERENCES	F C T N	F C T N		F C T N	
PILING ISOMETRIC LIST	XH-LD-21210001	PILING TYPICAL INSTALLATIONS	XH-SL-00000002	WELDING SPECIFICATION	XH-SW-00000000

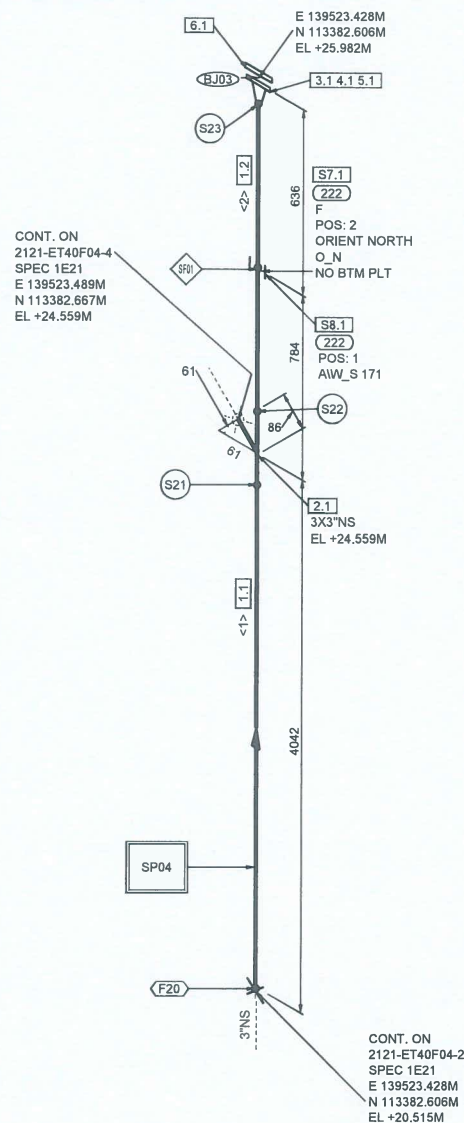
FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOL
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806) FITTINGS	3	1117921	5.3 M	
2	STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD <TEBA200F315151515> (L-6955) FLANGES	3X3	1129163	1	
3	WIN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD <WNFA300R353STD> (L-236)	3	14217853	1	

ERECTION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
4	<u>GASKETS</u> SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GFP1S12 <N/A> (N/A) <u>BOLTS</u> STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G3/441/4> - 2 NUTS PER BOLT - 110 mm Length <u>VALVES / IN-LINE ITEMS</u>	3	I63508968	1	
6	BLIND FLANGE ASME B16.5 300# A105N RFEE NREQD 125 - 250 AARH F10CFCA4B005 <BLFA300R353> (L-143) <u>SUPPORTS</u>	3/4	I53437465	8	
7	STOP HORIZ VERT FOR NOT INS. PIPING-N1F1	3	11652388	1	
8	U BOLT (FOR GUIDE)-P02D	3	222	1	
			222	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>	3955	3"	F20	F	3"	BW	BJ03	3"	3/4"	110
<2>	1250	3"	S21	S	3"	BW				
			S22	S	3"	BW				
			SF01	F	3"	FT				
			S23	S	3"	BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3		5.7	
ISOMETRIC NO. 4274-SP-XH-DI -2121-ET40F04-3-IS00							SPOOLING REV. NO.			





JOAQUIM PINTO
PIPING SUP. TEN
Joaquim Pinto 01/04/2024



AUTHORISED FOR CONSTRUCTION

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

LEGENDS							
JOINT TYPE	HMEI TYPE OF JOINT	JOINT TYPE	HMEI TYPE OF JOINT	JOINT TYPE	HMEI TYPE OF JOINT	JOINT TYPE	HMEI TYPE OF JOINT
SW	G	SW	S	LET	LET	SOB	B
PW	S	SIB	B	LP	RF	SOB	S

 MECWISE <small>MAINTENANCE ENGINEERING CONSULTING</small>	Prep.: TG	PROC. NR: PCL 22635
	Status: IFC	Date: 22-08-2023 Rev: 0
Dimensional:	Signature:	
Before Welding		
After Welding		
* Assalinate deviation in the drawings ("* n" or "n"). Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrollo OK)		

PROJECT: LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP)
FOR PROJECT - ALBA PROJECT

A = RESTING SUPPORT G = GUIDE F = AXIAL RESTRAINT B = GUIDE + STOP M = SPRING

This document is Technimont's property, and cannot be used by others for any purpose without prior written consent.

ALL DIMENSION AND PROPER CONFIGURATION FOR LINES WPS 1, 1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION FOR THE COMPONENT MARKED AS FIELD WELDED OR FOR ADJUSTMENT OF IN-LINE COMPONENT MUST BE LEFT	ALL DIMENSION AND PROPER CONFIGURATION FOR LINES WPS 1, 1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION FOR THE COMPONENT MARKED AS FIELD WELDED OR FOR ADJUSTMENT OF IN-LINE COMPONENT MUST BE LEFT
FIELD WELD SYMBOL FOR WELDED ADJUSTMENT OF IN-LINE COMPONENT WHERE MARKED	FIELD WELD SYMBOL FOR WELDED ADJUSTMENT OF IN-LINE COMPONENT WHERE MARKED
FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L1-10-0000-000001	FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L1-10-0000-000001

Union