

 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-310-000126_RFI2360_MOD-ITP-XL_220	
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000126_RFI2360 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

1121-HCM23043-1-SP03;1121-HCM23043-1-SP02;1121-HCM23043-1-SP01;1121-HCM22003-2-SP03;1121-HCM22003-2-SP02;1121-HCM32020-1-SP03;1121-HCM32020-1-SP02;1121-HCM32020-1-SP01;1121-HCM24074-1-SP02;1121-HCM24074-1-SP01;1121-HCM23043-1-SP04;1121-PR31021-1-SP02;1121-PR31021-1-SP01;1121-PR31020-1-SP02;1121-PR31020-1-SP01;1121-HCM32020-1-SP05;1121-HCM32020-1-SP04;1121-HCM23060-2-SP07;1121-HCM23060-2-SP06;1121-HCM23060-2-SP05;1121-HCM23060-2-SP04;1121-HCM23060-2-SP03;2121-ET40F04-2-S-P03;1121-HCM24025-1-SP11;1121-HCM24025-1-SP10;1121-HCM24025-1-SP09

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"

 **TECNIMONT**

Pinto Joaquim
Mechanical Piping Spv.

Joaquim Pinto
09/05/2024

 **TECNIMONT**

I.D.Polifrarescu R ☒
NW1 W ☐

09/05/2024

 **SGS**

NoBo 1155 ☒ reviewed by
☐ witnessed by

JOR MURRAY
09/05/2024

LEGEND OF CHECK RESULT	<input checked="" type="checkbox"/> Checked & NOT Accepted	<input checked="" type="checkbox"/> Checked & Accepted	N.A. Not Applicable	V / N Punch List Produced
	Date (DD-MMM-YYYY)	Name	Signature	
SUBCONTRACTOR	09/05/2024	Patricia Teixeira	Patricia Teixeira	
CONTRACTOR				
COMPANY				
(Free)				


QC

ISO Summary List

22635 / 1350
Page 1

Client **TECNIMONT/REPSOL**
Local **Portugal**

Job # **22635**
Project **4274 ALBA-I007 Piping Fabrication**

% RT/UT
% PT/MT

ISO # **2121-ET40F04-2**
Piping Size/Class **3-1E21**

Revision **01**
PED Category **II**

Priority **2**
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
03	S13	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S 3" PIPE - A106-B BE SMLS	606 460	17357 23210199	CE23004202_3_1_01 23602081	17:Vareta PVX4010501	MW.20_BW	12/04/2024 S260	VT-M-082							
04	S14	BW	3" PIPE - A106-B BE SMLS 3" STRAIGHT TEE ASME B16.9 A234-WPB BE	460 213	23210199 782363	23602081 CE23007078_3_1_01	17:Vareta PVX4010501	MW.20_BW	12/04/2024 S260	VT-M-082							
05	S15	BW	3" STRAIGHT TEE ASME B16.9 A234-WPB BE 3" PIPE - A106-B BE SMLS	213 460	782363 23210199	CE23007078_3_1_01 23602081	17:Vareta PVX4010501	MW.20_BW	12/04/2024 S260	VT-M-082							
06	S16	OL	3" PIPE - A106-B BE SMLS 3x1.5" REDUCING SOCKOLET MSS SP-97 3000	460 425	23210199 18778696	23602081 CE202221596	17:Vareta PVX4010501	MW.20_SBR	12/04/2024 S260	VT-M-082 MT: MT-I-080-A							

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 Texaco*
Date: *09/05/2024*
Sign: *Patricia Texaco QC*

APPROVED by Client

Name: **TECNIMONT**
Date: *09/05/2024*
Sign: *I.D. Polifronescu NWI*

APPROVED by 3rd party or AI

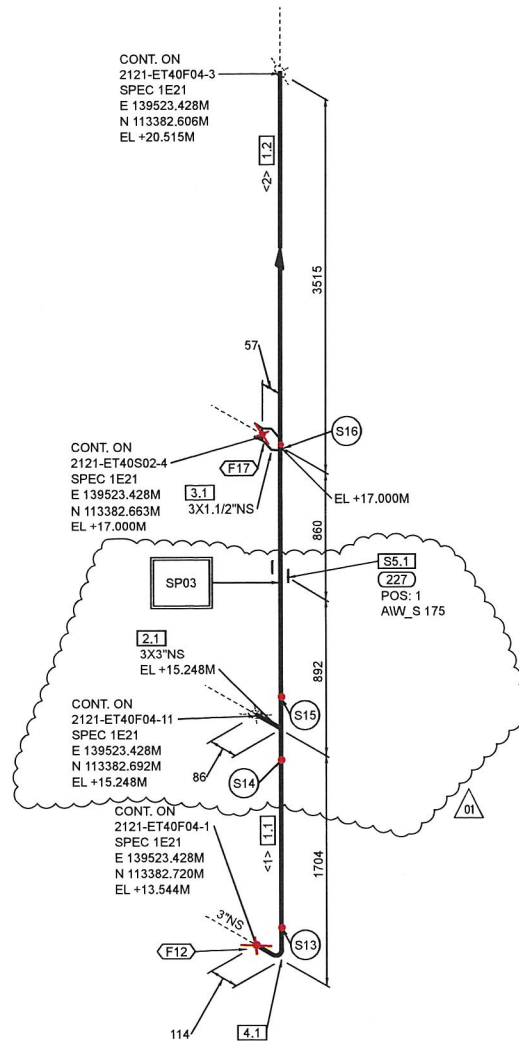
Name: *JOAO AMOYIA*
Date: *09/05/2024*
Sign: *SGS*



						LINE DATA					
						FLUID CODE: ET					
						LINE NO. 3"-ET-40F04-1E21					
						PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.
01 18-01-2024		ISSUED FOR CONSTRUCTION				TG	MW	TM			
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

PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		IDENTIFICATION CODE			
4274		XHDL		2121	ET40F04		
UNIT		19		SHEET	2	REV	01
E C T N		E C T N		E C T N		E C T N	
19-L-19-000-2-00-00196 sheet 5		XH-SG-000000002		XH-SG-000000002		XH-SG-000000002	
XH-LD-212100001		XH-SL-000000002		XH-SL-000000002		XH-SW-000000001	

ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION FOR THE COMPONENT MARKED AS FIELD WELDED ONE WELDED FOR ADJUSTMENT OF IN-LINE COMPONENT MUST BE LEFT FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L-10-0000-00001



TECNIMONT
Pinto Joaquim
Mechanical Piping Spv.
Joaquim Pinto
03/05/2024



AUTHORISED FOR CONSTRUCTION

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

LEGENDS	JOINT TYPE	HUEL TYPE OF JOINT	JOINT TYPE	HUEL TYPE OF JOINT	JOINT TYPE	HUEL TYPE OF JOINT	JOINT TYPE	HUEL TYPE OF JOINT	JOINT TYPE	HUEL TYPE OF JOINT
RW	G	SW	S	LF	LF	SOB	B	LF	LF	SOB
PW	S	SB	B	LF	LF	SOB	S	LF	LF	SOB
LA	RF	SLW	S	MTW	M	THD	TH	THD	TH	TH

MECOWIDE		Prep:	TG	PROC. NR:	PCL 22835
Status:		IFC	Date:	18-01-2024	Rev: 01
Dimensional:					
Before Welding:					
After Welding:					
* Assinilate deviation in the drawings ("n" or "n"):					
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)					

MIR04

4

BILL OF MATERIALS										
FABRICATION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806).	3	I117921	6.7 M						
2	FITTINGS STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD <TEBA200F315151515> (L-6955).	3X3	I129163	1						
3	REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <SOKA300LB01513> (L-343)	3X1.1/2	I1651321	1						
4	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	I128599	1						
ERECTION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
5	SUPPORTS U BOLT (FOR GUIDE)-P02D	3	227	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>	1500	3"	F12	F	3"	BW				
<2>	5179	3"	S13	S	3"	BW				
			S14	S	3"	BW				
			S15	S	3"	BW				
			S16	S	1.1/2"	OL				
			F17	F	1.1/2"	SW				