

 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-310-000015_MOD-ITP-XL_220 RFI Nr.: 394	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000015 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

7111-ET40A07-4-SP08;7111-ET40A07-4-SP07;7111-FL52A13-2-SP04;7111-FL52A13-2-SP03;7111-FL52A13-1-SP02;7111-FL52A13-1-SP01;7111-FL52A10-2-SP02;7111-FL52A10-2-SP01;1121-PR22016-3-SP06;1121-PR22016-3-SP05;1121-PR24034-8-SP16;1121-PR24034-8-SP15;1121-PR24034-2-SP05;1121-PR24034-2-SP04;1121-PR24034-2-SP03;1121-PR24033-3-SP07;1121-PR24033-3-SP06;1121-PR24033-3-SP05;1121-PR40026-12-SP08;1121-PR40026-12-SP07;1121-PR34024-2-SP02;1121-PR34022-3-SP07;1121-PR34022-3-SP06;1121-PR34022-3-SP05;1121-FL40C01-2-SP02;1121-ET40A01-1-SP02;1121-ET40A01-1-SP01;1121-PR43044-5-SP02;1121-PR43044-5-SP01;1121-PR43044-4-SP03;1121-PR43044-3-SP05;1121-PR43044-3-SP04;1121-PR43044-2-SP07;1121-PR43044-2-SP06;1121-PR43044-2-SP05;1121-PR43044-1-SP09;1121-PR43044-1-SP08;1121-HCM24069-5-SP11;1121-HCM24069-5-SP10;1121-HCM24069-5-SP09;1121-HCM24069-4-SP08;1121-HCM24073-1-SP08;1121-HCM24073-1-SP07;1121-PR34001-1-SP03;1121-PR34001-1-SP02;1121-HCM24072-3-SP11;1121-HCM24072-3-SP10;1121-HCM24072-1-SP01;1121-HCM31012-6-SP21;1121-HCM24076-2-SP04;1121-HCM24076-1-SP03;1121-HCM24076-1-SP02;1121-HCM24076-1-SP01;1121-HCM24074-2-SP03

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"


 NoBo 1155
 reviewed by
 witnessed by

JOAQUIM PINTO
 PIPING SUP TEM
 Joaquim Pinto 27/11/2023


 L. Gomes
 NWI
 R W

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	27/11/2023	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR	27/11/2023	Luis Gomes	Luis Gomes		
COMPANY					
(Free)					

ISO Summary List

22635 / 1776

Page 1

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

Job # **22635**

Project **4274 ALBA-I007 Piping Fabrication**

% RT/UT

% PT/MT

ISO # **2121-FL40C01-2** ✓
Piping Size/Class **10-B32S1**

Revision **00**

PED Category **II**

Priority **6**

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	02	S09 ✓	BW 10x10" WN FLANGE ASME B16.5 150# A350-L ✓ 10" PIPE - A333-6 BE SMLS ✓	37	67HC22 ✓	224997	6 Vareta F. - PVx2210111	MW 24_BW	26/09/2023	VT-I-034		RT: RT-I-0164					
03	02	S12 ✓	BW 10" PIPE - A333-6 BE SMLS ✓ 10" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	128	23302304 ✓	23503485	10 Entrado F. - SBx2011174	MW 24_BW	26/09/2023	VT-I-034							
04	02	S10 ✓	BW 10" PIPE - A333-6 BE SMLS ✓ 10" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	375	913548 ✓	CE23002068_3_1_01	6 Vareta F. - PVx2210111	MW 24_BW	26/09/2023	VT-I-034							
05	02	S11 ✓	BW 10" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ 10" PIPE - A333-6 BE SMLS ✓	128	23302304 ✓	23503485	10 Entrado F. - SBx2011174	MW 24_BW	26/09/2023	VT-I-034							

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

6. Vareta F. - PVx2210111
10. Entrado F. - SBx2011174

APPROVED QC


Name: *Patricia Texeira*
Date: *27/11/2023*
Sign: *Patricia Texeira*

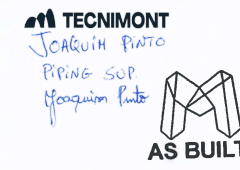
APPROVED by Client

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

APPROVED by 3rd party or AI




Name: *João*
Date: *28/11/2023*
Sign: *João*

 Tecnimont PETROLEUM INDUSTRIES PETROBRAS	PIPING ISOMETRIC		IDENTIFICATION		
			Job	EICI	Area
			4274	XHDL	2121
UNES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS		UNIT	19	SHEET
DAILY DRAWING E C T N 19-L-19-000-2-00-86197 sheet 9	PIPING SUPPORT SPECIFICATION		E C T N XH-SG-000000002		PIPING STANDARD SUPPORT SUMMARY
ISOMETRIC LIST E C T N XH-LD-21210001	PIPING TYPICAL INSTALLATIONS		E C T N XH-SL-000000002		WELDING SPECIFICATION



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)
<1>	2080	10"	S09	S	10"	BW	BJ04	10"	
<2>	481	10"	SF01	F	10"	FT	BJ05	10"	
			S10	S	10"	BW			
			S11	S	10"	BW			
			S12	S	10"	BW			
							INCH METRIC		
							PIPE NDS (IN)		OD
							10		
			ISOMETRIC NO. 4274-SP-XH-DL-2121-FL40C01-2-IS00						
			SPOON						

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
BW	G	SW	S	LET	LET	SD6	IS
FW	S	SIB	B	LF	RF	SDP4	IS
LA	RF	SLW	S	MTH	M	THD	TH

 MECOWIDE <small>MECHANICAL ENGINEERING CONSULTANTS</small>	Prep.: TG	PROC. NR.: PCL 22635
	Status: IFC	Date: 06-09-2023 Rev: 00
Dimensioning:	Signature: _____	
Before Welding:	25/9/2023 	
After Welding:	26/9/2023 	
* Assinale la deviazione in: the drawings ("n" or "n"). Autocorrettore (visuale) registrato in the Welder Production Sheet in the field of observations (Autocorrettore 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-FL40C01-2-IS00	SPOO
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