

 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-310-000024_RFI545 MOD-ITP-XL_220	
		RFI Nr.: 545	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000024_RFI545 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

7111-PR52A04-3-SP08;7111-PR52A04-3-SP07;7111-PR52A04-3-SP06;7111-PR52A04-1-SP02;7111-PR52A04-1-SP01;7111-HCM52D01-9-SP26;7111-HCM52D01-9-SP25;7111-HCM52D01-11-SP28;7111-HCM52D01-11-SP27;7111-HCM50E01-3-SP07;7111-HCM50E01-3-SP06;7111-HCM50E01-3-SP05;7111-FL52A07-2-SP04;7111-FL52A07-2-SP03;7111-FL52A07-2-SP02;2211-CWR40B02-2-SP02;2121-VRG41B13-2-SP04;2121-VRG41B13-2-SP02;2121-HXE10C36-2-SP06;2121-HXE10C36-2-SP05;2121-ET40S05-2-SP03;2121-ET40F05-6-SP11;2121-ET40F05-6-SP10;2121-ET40F05-5-SP08;2121-ET40F04-6-SP18;2121-ET40F04-6-SP17;2121-ET40F04-11-SP06;2121-ET40F04-11-SP05;2121-COM40A01-1-SP01;1121-PR43049-2-SP04;1121-PR43049-2-SP03;1121-PR43049-2-SP02;1121-PR43049-2-SP01;1121-PR34022-1-SP09;1121-PR34022-1-SP08;1121-PR33019-7-SP01;1121-PR22015-4-SP09;1121-PR22015-3-SP08;1121-PR22015-3-SP07;1121-PR22015-1-SP04;1121-PR22015-1-SP03;1121-PR22015-1-SP02;1121-PR22015-1-SP01;1121-JWS24011-1-SP02;1121-JWS24011-1-SP01;1121-JWR24006-2-SP04;1121-JWR24006-2-SP03;1121-JWR24006-1-SP02;1121-JWR24006-1-SP01;1121-HCM40001-1-SP02;1121-HCM40001-1-SP01;1121-HCM31018-2-SP02;1121-HCM31018-2-SP01;1121-HCM24089-3-SP05;1121-HCM24089-3-SP04;1121-HCM23046-2-SP06;1121-CHWS24002-4-SP06;1121-CHWS24002-3-SP05;1121-CHWS24002-3-SP04;1121-CHWS24002-3-SP03;1121-CHWR43010-1-SP03;1121-CHWR43010-1-SP02;1121-CHWR43010-1-SP01;1121-CHWR24003-1-SP02;1121-CHWR24003-1-SP01;1111-FL60004-2-SP03;1111-BDL51015-2-SP02

JOAQUIM PINTO
PIPING SUP. TEN
Joaquim Pinto 06/12/2023


NOTES (*): 4274-XH-PQ-00000001


1) Painting cycle to be indicated.

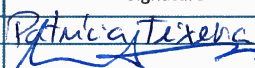

2) Refer to: 4274-LZ-PC-00000214 (COMPANY 4001008GEN-PC-214) "Management of Site Metallic Welding Activities" and 4274-LZ-PC-00000215 (COMPANY 4001008GEN-PC-215) "Procedure for Traceability of Piping Material"

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
 06/12/2023

Patricia Texeira

 20


 NoBo 1155
 06/12/2023

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	06/12/2023	Patricia Texeira		
CONTRACTOR	06/12/2023	Luis Gomes		
COMPANY				
(Free)				

ISO Summary List

22635 / 1363

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-ET40F05-6**

Revision **00**

Priority **6**

Piping Size/Class **2-1E21**

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	10	S39	BW	2" PIPE - A106-B BE SMLS ✓ 2x2" WN FLANGE ASME B16.5 300# A105N RF ✓	16	23101884 ✓ B8AV0 ✓	23310545 225263	5.Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013						
03	11	S45	BW	2" PIPE - A106-B BE SMLS ✓ 2x1" ECCENTRIC SWAGE MSS SP-95 - A234-W ✓	16	23101884 ✓ 25217 ✓	23310545 CE/2023/79	5.Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013	RT: RT-I-0102					
06	11	S40	BW	2x2" WN FLANGE ASME B16.5 300# A105N RF ✓ 2" PIPE - A106-B BE SMLS ✓	39	B8AV0 ✓ 23101884 ✓	225263 23310545	5.Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013						

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: *Patrícia Teixeira*
 Date: *05/12/2023*
 Sign: *Patrícia Teixeira*

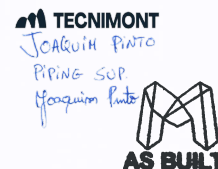
APPROVED by Client

Name: **MECWISE**
 Date: *06/12/2023*
 Sign: *L. Gomes*

APPROVED by 3rd party or AI

Name: *João Almeida*
 Date: *06/12/2023*
 Sign: *João Almeida*

		PIPING ISOMETRIC		IDENTIFICATION CODE				
				Job	E I C Y	Area	N	
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSCOL POLYMEROS		4274	XHDL	2121	ET4OF05	
		UNIT		19	SHEET	6	REV 00	
REFERENCES	E C T N		E C T N		E C T N		E C T N	
	19-L-19-000-2-00-08196 sheet 5		XH-SG-000000002		PIPING STANDARD SUPPORT SUMMARY		XH-SL-P-000000001	
	PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION		XH-SL-W-000000001	
	E N		E N		E N		E N	
XH-LD-212100001		XH-SL-000000002						






PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
	<u>PIPE</u>				
6	PIPE - A106-B PE SMLS T01AC03Z02 S-S <PIPA010A11XS> (L-6679)	1	I132793	0.1 M	
7	PIPE - A106-B PE SMLS T01AC03Z02 S-S <PIPA010A134XS> (L-6679)	3/4	I132785	0.2 M	
	<u>FITTINGS</u>				
8	COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD <FCPA300BK1> (L-180)	1	I1651677	1	
9	PLUG ROUND HEAD ASME B16.11 - A105N MTE NREQD - R42PQC44W001 NREQD <PLUA300CK34> (L-77)	3/4	I10088232	1	
	<u>FLANGES</u>				
10	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFCA48105 S-S <SWFA300R35XS> (L-375)	1	I4217823	1	
	<u>GASKETS</u>				
11	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL S5 304 ASME B16.5 G03GFP11S12 <N/A> (N/A)	2	I63508961	2	
	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL S5 304 ASME B16.5 G03GFP11S12 <N/A> (N/A)	1	I63508951	1	
	<u>BOLTS</u>				
13	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I10I0B0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length	5/8	I53437440	16	
14	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I10I0B0301 <SB2R51G5/841/4> - 2 NUTS PER BOLT - 110 mm Length	5/8	I53437270	4	
	<u>VALVES / IN-LINE ITEMS</u>				
15	GATE VALVE API 600 300# A216-WCB RFFE 8-F&8HF API 600 B72H 125 - 250 AARH BB-OS&Y FLXW API 600 HW ASME B16.5 V01FFC29B167 NREQD <G42L-130> (L-130).	2	I5606081	1	
16	GATE VALVE API 602 800# A105N SWE FTE 8-F&6HF WB-OS&Y SOW API 602 HW V01GIC4412BL NREQD <N/A> (N/A)	3/4	I10015410	1	
	<u>SUPPORTS</u>				
17	WELDED EXTENSIONS-EW01 DN2 = 2 L = 130	2	5199	1	
18	STANDARD GUIDE FOR NOT INS. PIPING-NIG1	2	5199	1	

INCH METER	
PIPE NS (IN)	CL LENGTH (M)
2	2.9
1	0.3
0.75	0.2

SHEET NO. 1 OF 1

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

LEGENDS							
JOINT TYPE	HMSL TYPE OF JOINT	JOINT TYPE	HMSL TYPE OF JOINT	JOINT TYPE	HMSL TYPE OF JOINT	JOINT TYPE	HMSL TYPE OF JOINT
SW	G	SW	B	LET	LET	SOB	B
FW	S	SB	B	LP	RF	SOF	S
LA	RF	SLW	S	MTW	M	TMD	T

 MECWIDE <small>WELDER TRAINING & CERTIFICATION</small>	Prep.: TG	PROC. NR.: PCL 22635
	Status: IFC	Date: 22-08-2023 Rev: 00
Dimensional:		Signature:
Before Welding:	29/08/2023	
After Welding:	21/09/2023	
* Assinilate deviation in the drawings ("+" or "-" or "n"). Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)		

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

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