

 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-310-000012_MOD-ITP-XL_220 RFI Nr.: 325 Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000012 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2211-VRG50A08-3-SP04;2211-VRG50A08-3-SP02;2211-VRG50A08-3-SP03;2211-VRG50A08-3-SP01;1121-HCM31015-7-SP01;1121-HCM24069-3-SP15;1121-HCM23060-1-SP02;1121-HCM23060-1-SP01;2211-VRG50A01-2-SP02;2211-VRG50A01-2-SP01;2121-VRG41B09-3-SP13;2121-VRG41B09-3-SP12;2121-VRG41B09-2-SP11;2121-VRG41B09-2-SP10;2121-ET40J06-1-SP02;2121-ET40J06-1-SP01;2121-ET40F05-4-SP07;2121-ET40F05-3-SP06;2121-ET40F05-3-SP05;2121-ET40F05-2-SP04;2121-ET40F05-1-SP03;2121-ET40F05-1-SP02;2121-ET40F05-1-SP01;2121-CWR40B02-8-SP10;2121-COM40A01-4-SP07;2121-COM40A01-2-SP02;1121-PR50010-2-SP06;1121-PR50010-2-SP05;1121-PR50010-2-SP04;2121-HXE10C36-1-SP04;2121-HXE10C36-1-SP03;2121-HXE10C36-1-SP02;2121-HXE10C36-1-SP01;2121-ET40S05-1-SP02;2121-ET40S05-1-SP01;1121-PR35013-2-SP06;1121-PR35013-2-SP05;1121-PR34024-1-SP01;1121-PR43040-1-SP01;1121-PR35019-1-SP03;1121-PR35019-1-SP02;1121-PR35019-1-SP01;1121-LS24013-1-SP01;1121-HCM24068-1-SP02;1121-HCM24068-1-SP01;1121-HCM24067-2-SP02;1121-HCM24067-2-SP01;1121-HCM24067-1-SP05;1121-HCM24067-1-SP04;1121-HCM24067-1-SP03;1121-ET40007-1-SP01;1121-CHWR21008-1-SP03;1121-BDL34018-2-SP04;1121-BDL34018-2-SP03;7111-ET20C01-6-SP12;7111-ET20C01-6-SP11;1111-PR24033-2-SP02;1111-PR24033-2-SP01

Joaquim Pinto
Piping Sup. TEM
Joaquim Pinto 30/10/2023

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"

SGS
Reviewed by
Witnessed by
30/10/2023

TECNIMONT
L.Gomes
NW
30/10/2023

Signature

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
SUBCONTRACTOR	Date [DD-MMM-YYYY] 30/10/2023	Name Frederico Mendes	Signature	
CONTRACTOR	30/10/2023	Luis Gomes		
COMPANY				
(Free)				

Sheet 01/01

2211-VRG50A08-3-SP04;2211-VRG50A08-3-SP02;2211-VRG50A08-3-SP03;2211-VRG50A08-3-SP01;1121-HCM31015-7-SP01;1121-HCM24069-3-SP15;1121-HCM23060-1-SP02;1121-HCM23060-1-SP01;2211-VRG50A01-2-SP02;2211-VRG50A01-2-SP01;1121-VRG41B09-3-SP13;1121-VRG41B09-3-SP12;1121-VRG41B09-2-SP11;1121-VRG41B09-2-SP10;1121-ET40J06-1-SP02;1121-ET40J06-1-SP01;1121-ET40F05-4-SP07;1121-ET40F05-3-SP06;1121-ET40F05-3-SP05;1121-ET40F05-2-SP04;1121-ET40F05-1-SP03;1121-ET40F05-1-SP02;1121-ET40F05-1-SP01;1121-1-CWR40B02-8-SP10;1121-COM40A01-4-SP07;1121-COM40A01-2-SP02;1121-PR50010-2-SP06;1121-PR50010-2-SP05;1121-PR50010-2-SP04;1121-HXE10C36-1-SP04;1121-HXE10C36-1-SP03;1121-HXE10C36-1-SP02;1121-HXE10C36-1-SP01;1121-ET40S05-1-SP02;1121-ET40S05-1-SP01;1121-PR35013-2-SP06;1121-PR35013-2-SP05;1121-PR34024-1-SP01;1121-PR43040-1-SP01;1121-PR35019-1-SP03;1121-PR35019-1-SP02;1121-PR35019-1-SP01;1121-LS24013-1-SP01;1121-HCM24068-1-SP02;1121-HCM24068-1-SP01;1121-HCM24067-2-SP02;1121-HCM24067-2-SP01;1121-HCM24067-1-SP05;1121-HCM24067-1-SP04;1121-HCM24067-1-SP03;1121-ET40007-1-SP01;1121-CHWR21008-1-SP03;1121-BDL34018-2-SP04;1121-BDL34018-2-SP03;7111-ET20C01-6-SP12;7111-ET20C01-6-SP11;1111-PR24033-2-SP02;1111-PR24033-2-SP01.

[illegible]

JOA
30/10/2023

TECNIMONT
L. Gomes
NW1
20/6/2003

 **TECNIMONT**
JOAQUIM PINTO
PIPING SUP.
Joaquim Pinto

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	30/10/2023	Engr. A. A. A.				
CONTRACTOR	30/10/2023	Engr. A. A. A.				
COMPANY						
(Free)						

ISO Summary List

22635 / 1358

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-ET40F05-1** ✓

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	Repair 1	Repair 2
01	S02	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	16 339	23101884 73	23310545 CE23001995_3.1_01	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013		RT: RT-I-0102					
02	S03	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339 16	73 23101884	CE23001995_3.1_01 23310545	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
03	F04	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	16 339	23101884 73	23310545 CE23001995_3.1_01	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
04	S05	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339 16	73 23101884	CE23001995_3.1_01 23310545	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
05	S06	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	16 339	23101884 73	23310545 CE23001995_3.1_01	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
06	S07	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339 16	73 23101884	CE23001995_3.1_01 23310545	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
07	S08	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	16 339	23101884 73	23310545 CE23001995_3.1_01	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
08	F09	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339 16	73 23101884	CE23001995_3.1_01 23310545	5-Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
09	F01	BW	2" STRAIGHT TEE ASME B16.9 A234-WPB BE ✓ 2" PIPE - A106-B BE SMLS ✓	16	23101884	23310545											

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: *25/10/2023*

Sign: *Patrícia Teixeira*

QC

APPROVED by Client

Name: *TECNIMONT*

Date: *L. Gomes*

Sign: *L. Gomes*
25/10/2023


APPROVED by 3rd party or AI

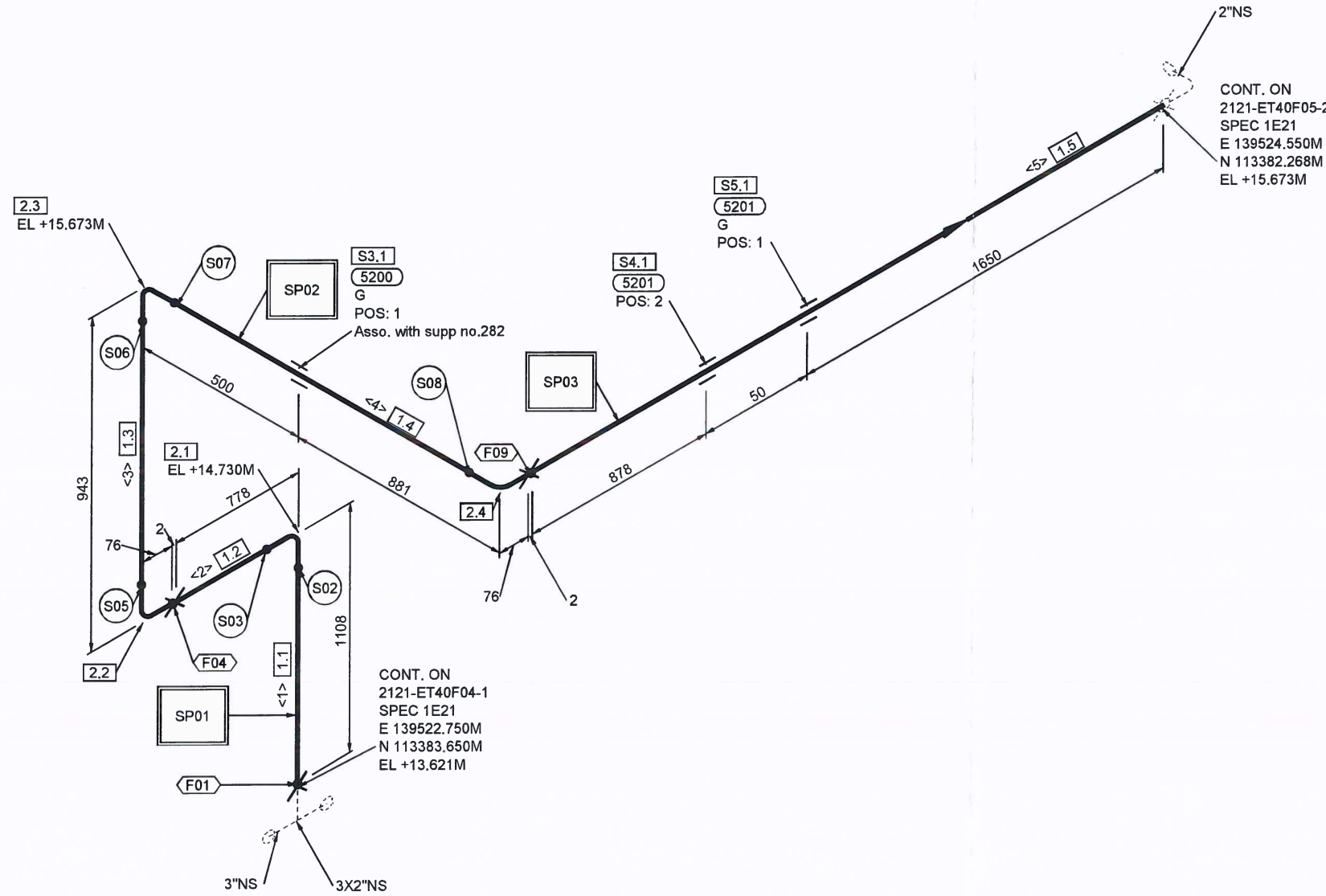
Name: *João Amador*

Date: *30/10/2023*

Sign: *João Amador*


SGS
NoBo 1155

 Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
				Job	E I C T	Area	N
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		4274	XHDL	2121	ET40F05
				UNIT	19	SHEET	1 REV 00
REFERENCES	E C T N PIPING ASSEMBLY DRAWING 19-L-19-000-2-00-86196 sheet 4		E C T N PIPING SUPPORT SPECIFICATION XH-SG-000000002		E C T N PIPING STANDARD SUPPORT SUMMARY XH-LP-000000001		
	E C T N PIPING ISOMETRIC LIST XH-LD-21210001		E C T N PIPING TYPICAL INSTALLATIONS XH-SL-000000002		E C T N WELDING SPECIFICATION XH-SW-000000001		






			ISOMETRIC NO. 4274-SP-XH-DL-2121-ET40F05-1-IS00	SPOOLING REV NO. 00
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TECNIMONT
JOAQUIM PINTO
PIPING SUP
Joaoquim Pinto



AS BUILT

 MECWIDE <small>MANUFACTURING & ENGINEERING CONSULTANTS</small>	Prep.:	TG	PROC. NR.:	PCL 22635
	Status:	IFC	Date:	22-08-2023 Rev: 0
Dimensional:	Signature:			
Before Welding				
After Welding				

* Assinature deviation in the drawings ("* n" or "n. ").

Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)

AUTHORISED FOR CONSTRUCTION

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

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	SOB	B
FW	S	SIB	B	LF	RF	SOF	S

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-ET40F05-1-IS00	SPOOLING REV NO. 00
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