

 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
Unit -		Date :	
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-PR35013-2-SP04;1121-PR35013-2-SP03;1121-PR35013-2-SP02;1121-PR35013-2-SP01;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
30/10/2023

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
SUBCONTRACTOR	Date [DD-MMM-YYYY]	Name	Signature		
CONTRACTOR	30/10/2023	Joaquim Pinto	[Signature]		
COMPANY	30/10/2023	TECNIMONT	[Signature]		
(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-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]

JOAQUIM PINTO
30/10/2023

SGS
Reviewed by
Assessed by

TECNIMONT
L. Gomes
NW1

R 4
W

TECNIMONT
JOAQUIM PINTO
PIPING SUP
Joaoquim 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 / 1333

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-CWR40B02-8** ✓

Revision **00**

Priority **6**

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

PED Category **III**

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
10	S39	BW	3" PIPE - A106-B BE SMLS 3x3" WN FLANGE ASME B16.5 150# A105N RF	17	23211709	23310546	5 Vareta	MW_20_BW	29/08/2023	VT-I-013							
				36	043A22	224878	PVX1312824		S71								
10	S38	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S 3" PIPE - A106-B BE SMLS	228	215148	CE23002054_3 T_01	5 Vareta	MW_20_BW	29/08/2023	VT-I-013		RT-RT-I-0113					
				17	23211709	23310546	PVX1312824		S71								

SGS reviewed by
NoBo 1155 ☐ witnessed by

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: **25/10/2023**
Sign: **Patricia Teixeira**

QC


APPROVED by Client

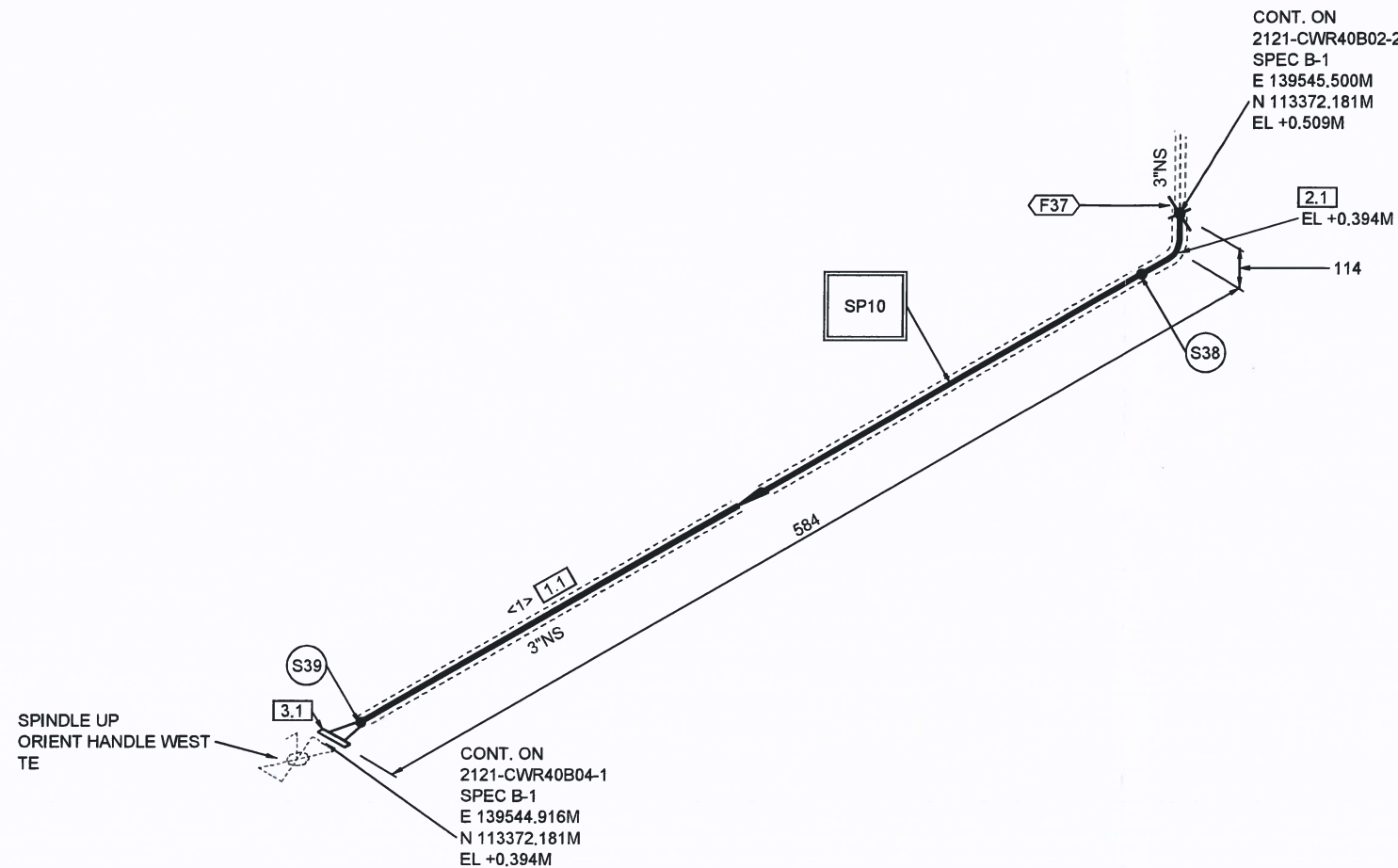
Name: **TECNIMONT**
Date: **L.Gomes**
Sign: **NWI**

APPROVED by 3rd party or AI

Name: **João Soares**
Date: **30/10/2023**
Sign: **[Signature]**

					LINE DATA					
					FLUID CODE: CWR			LINE NO. 3"-CWR-40B02-B-1 (P)		
					PIPING	INSULATION	WELD	HEAT	PAINTING	P&ID No.
					MATERIAL CLASS		CLASS	TREATMENT	CODE	
00	23-08-2023	ISSUED FOR CONSTRUCTION		TG	MV	TM				
REV	DATE	REVISION DESCRIPTION		DRAWN UP	CHKD UP	APP'D	B-1	P / 50	E	N
									1	19-A-19-000-1-01-000001 sheet 37

		PIPING ISOMETRIC		IDENTIFICATION CODE			
				Job	EICI	Area	N
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		4274	XHDL	2121	CWR40B02
				UNIT	19	SHEET	8 REV 00
REFERENCES	PIPING ASSEMBLY DRAWING	E C T N 19-L-19-000-2-00-86198 Sheet 1	PIPING SUPPORT SPECIFICATION	E C T N XH-SG-000000002	PIPING STANDARD SUPPORT SUMMARY		E C T N XH-LP-000000001
	PIPING ISOMETRIC LIST	E C T N XH-LD-21210001	PIPING TYPICAL INSTALLATIONS	E C T N XH-SL-000000002	WELDING SPECIFICATION		E C T N XH-SW-000000001



SPINDLE UP
ORIENT HANDLE WEST
TE

CONT. ON
2121-CWR40B04-1
SPEC B-1
E 139544.916M
N 113372.181M
EL +0.394M






CONT. ON
2121-CWR40B02-2
SPEC B-1
E 139545.500M
N 113372.181M
EL +0.509M

TECNIMONT
JOAQUIM PINTO
PIPING SUP.
Joaquim Pinto

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
LA	RF	SLW	S	MTW	M	THD	TH

	MECWISE	Prep.: _____	_____ TG	PROC. NR.: _____	PCL 22635
	<small>www.mecwise.com.br Tel: +55 11 3033-1111</small>	Status: _____	IFC	Date: 23-08-2023	Rev: 00
Dimensional:				Signature: _____	
Before Welding					
After Welding					
<p>* Assinature deviation in the drawings ("n" or "m").</p> <p>Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)</p>					

* Assinalate deviation in the drawings (" + n" or " - n").

1 DENOTES PARTS LIST NO

PIPE

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**

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	0.4 M		
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955)					3	I128599	1		
3	FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R153STD> (L-149)					3	I4217820	1		
ERECTION MATERIALS										
PS NO	DESCRIPTION					NS (MM)	ITEM CODE	QTY.	HOLD	
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>	396	3"	F37 S38 S39	F S S	3" 3" 3"	BW BW BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3		0.7	
ISOMETRIC NO. 4274-SP-XH-DL-2121-CWR40B02-8-IS00								SPOOLING REV NO. 00		