

 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-310-000012_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-PR35019-1-SP01;1121-PR35019-1-SP02;1121-PR35019-1-SP03;1121-PR35019-1-SP04;1121-PR35019-1-SP05;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



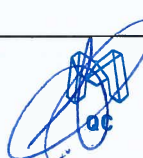
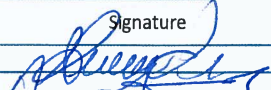
João Pinto
 PIPING SUP. TEM
 Joaquim Pinto 30/10/2023

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"

 Inspected by 30/10/2023		 L. Gomes NWI 30/10/2023		 ac
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	João Pinto		
COMPANY				
(Free)				

ISO Summary List

22635 / 1360

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% RT/UT

% PT/MT

ISO # **2121-ET40F05-3**

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	05	S15	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							
02	05	S16	BW 2" PIPE - A106-B BE SMLS 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S	339 16	73 23101884	CE23001995_3.1_01 23310545	5/Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
03	05	S17	BW 2" PIPE - A106-B BE SMLS 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S	339 16	73 23101884	CE23001995_3.1_01 23310545	5/Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
05	05	S18	BW 2" PIPE - A106-B BE SMLS 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S	339 16	73 23101884	CE23001995_3.1_01 23310545	5/Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013		RT-RT-I-0102					
07	06	S20	BW 2" PIPE - A106-B BE SMLS 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S	339 16	73 23101884	CE23001995_3.1_01 23310545	5/Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
08	06	S21	BW 2" PIPE - A106-B BE SMLS 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S	339 16	73 23101884	CE23001995_3.1_01 23310545	5/Varela PVX1312824	MW.20_BW	29/08/2023 S46	VT-I-013							
09	06	S22	BW 2" PIPE - A106-B BE SMLS 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S	339 16	73 23101884	CE23001995_3.1_01 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: *Patricia Teixeira*

Date: *25/10/2023*

Sign: *Patricia Teixeira*

QC

APPROVED by Client

Name: *L. Gomes*

Date: *25/10/2023*

Sign: *L. Gomes*

APPROVED by 3rd party or AI

Name: *João Amador*

Date: *30/10/2023*

Sign: *João Amador*

SGS

Reviewed by
No. 1155

	LINE DATA											PLANT: SINES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS	IDENTIFICATION CODE			
	FLUID CODE: ET													Job	EIC	T	Area
	LINE NO. 21-ET-40F05-1E21													4274	XHDL	2121	ET40F05
	PIPING MATERIAL CLASS													UNIT	19	SHEET	3
00	22-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM	1E21	N / 0	E	N	1	19-A-19-000-1-01-00001 sheet 36						
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D						PIPING ASSEMBLY DRAWING	19-L-19-000-2-00-86196 sheet 6	PIPING SUPPORT SPECIFICATION	XH-SG-00000002	PIPING STANDARD SUPPORT SUMMARY	XH-LP-00000000	
											PIPING ISOMETRIC LIST	XH-LD-21210001	PIPING TYPICAL INSTALLATIONS	XH-SL-00000002	WELDING SPECIFICATION	XH-SW-00000000	

BILL OF MATERIALS

FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE				
2	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B12STD> (L-7806)	2	I117862	1.3 M	
2	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B12STD> (L-7806).	2	I117862	1.7 M	
3	FITTINGS				
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955)	2	I128529	5	

ERECTION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
4	SUPPORTS				
4	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	2	5206	1	
5	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	2	5206	1	

CUT 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>	234	2"	F14	F	2"	BW				
<2>	894	2"	S15	S	2"	BW				
<3>	1653	2"	S16	S	2"	BW				
<4>	126	2"	S17	S	2"	BW				
			SF02	F	2"	FT				
			S18	S	2"	BW				
			F19	F	2"	BW				
			S20	S	2"	BW				
			S21	S	2"	BW				
			S22	S	2"	BW				

WELD LIST

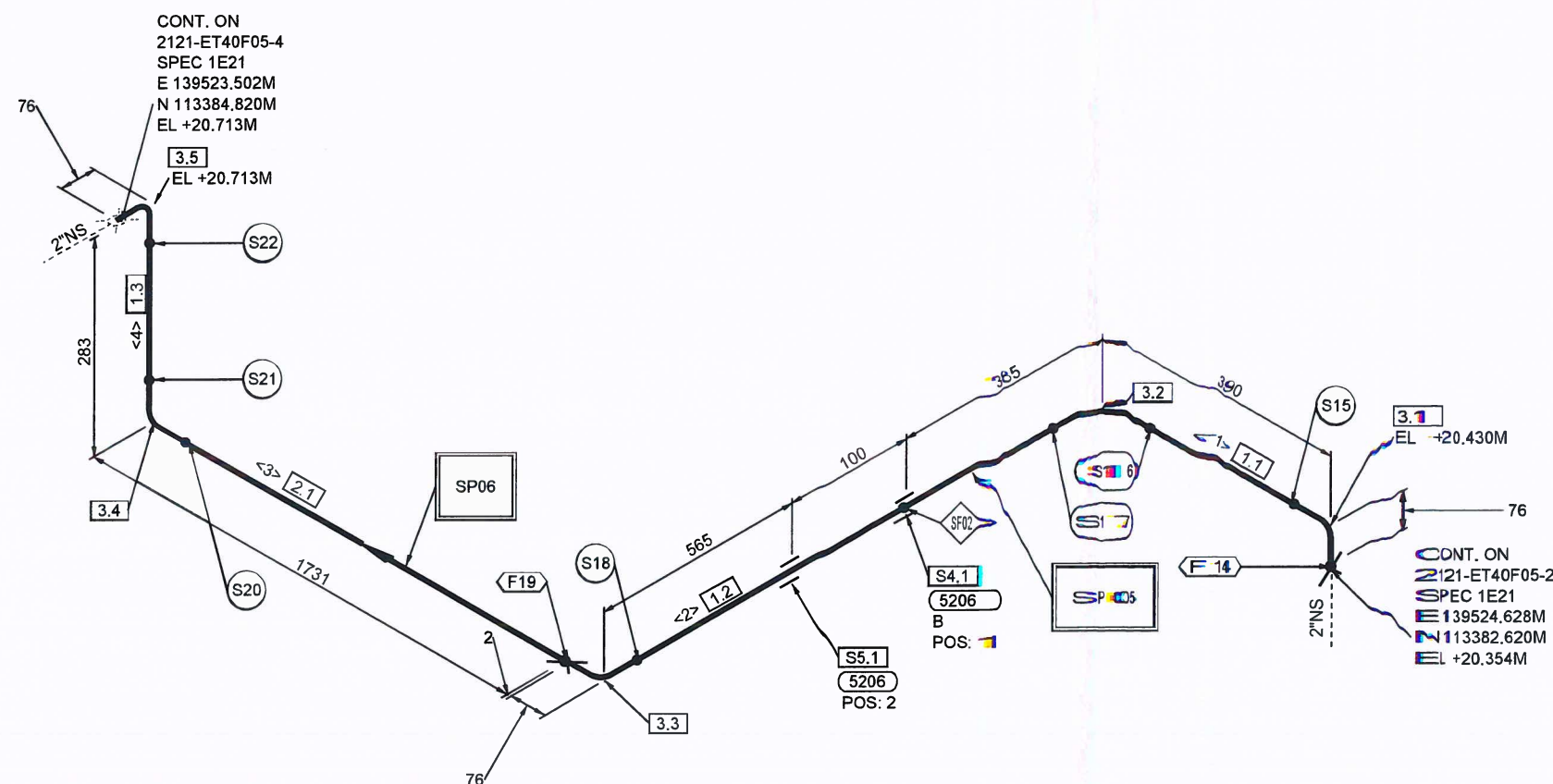
BOLT LIST

INCH METER

PIPE NS (IN)	CL LENGTH (M)
2	3.9

ISOMETRIC NO. 4274-SP-XH-DL-2121-ET40F05-3-IS00

SPOOLING REV NO. 00



TECNIMONT
JOAQUIN PINTO
PIPING SUP.
Joquin Pinto AS BUILT

	Prep:	TG	PROC. NR:	PCL 22635
	Status:	IFC	Date:	22-08-2023
	Rev: 00			
	Signature:			
Before Welding				
After Welding				
* Assinale a desvio nas desenhos (em "n" ou "n").				
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo 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	SF02	B
FW	S	SIB	B	LF	RF	SF02	S
LA	RF	SLW	S	MTW	M	TB02	TH

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 DENSITY POLYETHYLENE (PE) AND POLYPROPYLENE (PP)
FOR PROJECT - ALBA PROJECT