






Sheet 01/01

2121-VA40U07-2-SP03;2121-VA40U07-2-SP02;2121-VA40U05-2-SP03;2121-VA40U05-2-SP02;2121-VA40R01-2-SP04;2121-VA40R01-2-SP03;1211-VA00020-1-SP01;1211-VA00017-1-SP01;1211-VA00015-1-SP01;1211-VA00014-1-SP01;1211-VA00013-1-SP01;2121-VA00037-1-SP01;2121-VA00025-1-SP01;2121-VA00033-1-SP01;2121-VA00032-1-SP01;2121-VA00030-1-SP01;2121-VA49A08-2-SP03;2121-VA49A08-2-SP02;2121-VA49A01-2-SP02;2121-VA40N01-2-SP03;2121-VA40N01-2-SP02;2121-VA49A07-2-SP03;2121-VA49A07-2-SP02;2121-VA00027-1-SP02;2121-VA00027-1-SP01;2121-VA00026-1-SP02;2121-VA00026-1-SP01;1111-OG53001-1-SP01

[illegible]

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"


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	19/07/23	F. ALMEIDA				
CONTRACTOR	19/07/23	Luis Garcia				
COMPANY						
(Free)						


 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-310-000005_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000005 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA40U07-2-SP03;2121-VA40U07-2-SP02;2121-VA40U05-2-SP03;2121-VA40U05-2-SP02;2121-VA40R01-2-S
P04;2121-VA40R01-2-SP03;1211-VA00020-1-SP01;1211-VA00017-1-SP01;1211-VA00015-1-SP01;1211-VA00014-1
-SP01;1211-VA00013-1-SP01;2121-VA00037-1-SP01;2121-VA00025-1-SP01;2121-VA00033-1-SP01;2121-VA00032
-1-SP01;2121-VA00030-1-SP01;2121-VA49A08-2-SP03;2121-VA49A08-2-SP02;2121-VA49A01-2-SP02;2121-VA40
N01-2-SP03;2121-VA40N01-2-SP02;2121-VA49A07-2-SP03;2121-VA49A07-2-SP02;2121-VA00027-1-SP02;2121-V
A00027-1-SP01;2121-VA00026-1-SP02;2121-VA00026-1-SP01;1111-OG53001-1-SP01


JOAQUIM PINTO
PIPING SUP.
Joachim 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	19/09/2023	F. Almeida		
CONTRACTOR	19/09/2023	Luís Gomes		
COMPANY				
(Free)				

ISO Summary List

22635 / 1253

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40R01-2**

Revision **00**

Priority **6**

Piping Size/Class **4-1C17**

PED Category **Art 4.3**
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	04	S11	BW	4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	341	17357	CE23001997_3_1_01	5.Varela	MW.20_BW	21/08/2023	VT-I-007						
			4" PIPE - A106-B BE SMLS	19	23211707	23310548	PVX1312824		S46								
02	05	S10	BW	4" PIPE - A106-B BE SMLS	341	17357	CE23001997_3_1_01	5.Varela	MW.20_BW	21/08/2023	VT-I-007	RT: RT-I-074-A					
			4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	19	23211707	23310548	PVX1312824		S46								
04	03	S08	BW	4" 90 LR ELBOW ASME B16.9 A234-WPB BE S	341	17357	CE23001997_3_1_01	5.Varela	MW.20_BW	21/08/2023	VT-I-007						
			4" PIPE - A106-B BE SMLS	19	23211707	23310548	PVX1312824		S46								

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: *Francisco Almeida*

Date: *19/09/23*

Sign: *[Signature]*

APPROVED by Client

Name: *D. Katsivelos*

Date: *19/09/23*

Sign: *[Signature]*

APPROVED by 3rd party or AI

Name:

Date:

Sign:



LINE DATA									
FLUID CODE: VA					LINE NO. 4"-VA-40R01-1C17				
PIPING MATERIAL CLASS			INSULATION	WELD CLASS	HEAT TREATMENT	PAINING CODE	P&ID No.		
1C17			N / O	E	N	1	19-A-19-000-1-01-00001 sheet 46		
00	10-08-2023	ISSUED FOR CONSTRUCTION		TG	MW	TM			
REV	DATE	REVISION DESCRIPTION		DRAWN UP	CHKD UP	APP'D			

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
Job		Area		N			
4274		2121		VA40R01			
UNIT		SHEET		2 REV 00			
PIPING ASSEMBLY / DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY			
19-L-19-000-2-00-86197 sheet 7		XH-SG-00000002		XH-LP-00000001			
PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION			
XH-LD-21210001		XH-SL-00000002		XH-SW-00000001			

BILL OF MATERIALS

FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B14STD> (L-7806).	4	1117953	18.3 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F34STD> (L-7965).	4	1128635	2	

ERECTION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3	SUPPORTS WELDED BRACKET TO STRUCT SB18 - HEA100	4	69	1	
4	U BOLT (FOR GUIDE)-P02D	4	69	1	
5	WELDED BRACKET TO STRUCT SB18 - HEA100	4	70	1	
6	U BOLT (FOR GUIDE)-P02D	4	70	1	
7	WELDED BRACKET TO STRUCT SB18 - HEA100	4	84	1	
8	U BOLT (FOR GUIDE)-P02D	4	84	1	
9	STAKES SUPPORTS ST04 HEA140	4	451	1	
10	WELDED BRACKET TO STRUCT SB18 - HEA100	4	85	1	
11	U BOLT (FOR GUIDE)-P02D	4	85	1	
12	U BOLT (FOR GUIDE)-P02D	4	451	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>	6942	4"	F07	F	4"	BW				
<2>	10998	4"	S08	S	4"	BW				
<3>	295	4"	F09	F	4"	BW				
			S10	S	4"	BW				
			S11	S	4"	BW				

WELD LIST

BOLT LIST

INCH METER

PIPE NS (IN)	CL LENGTH (M)
4	18.8

ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40R01-2-IS00

SPOOLING REV NO. 00

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	BW	B	LET	LET	BOB	B
FW	S	SB	B	LF	RF	BOF	S
LA	RF	SLW	S	MTW	M	THD	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 LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) FOR PROJECT - ALBA PROJECT

TECNIMONT
JOAQUIM PINTO
PIPING SUP.
Joaoquim Pinto
AS BUILT

 MECOWIDE <small>TECHNICAL EQUIPMENT</small>	Prep.: _____	TG _____	PROC. NR: _____	PCL 22635
	Status: _____	IFC _____	Date: 10-08-2023	Rev: 0
Dimensional: _____	Signature: _____			
Before Welding	20/08/2023 			
After Welding	21/08/2023 			
* Assinalate deviation in the drawings ("+" or "-").				
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo OK)				