

 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-310-000136_RFI2325_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000136_RFI2325 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VA49A02-2-SP04;2121-VA49A02-2-SP03;1121-BDL24073-1-SP05;1121-BDL24073-1-SP04;1211-CWR86011-2-SP02;1211-CWR86011-2-SP01;2121-VA49A05-2-SP04;2121-VA49A05-2-SP03;2121-VA49A05-2-SP02;2121-VA49A02-2-SP05;2121-FL40B01-1-SP03;2121-FL40B01-1-SP02;2121-FL40B01-1-SP01;2211-FL52A01-2-SP03;2211-FL52A01-2-SP02;1211-CWR86011-2-SP03;2121-FL41B01-2-SP05;2121-FL41B01-2-SP04;2121-FL41B01-1-SP03;2121-FL41B01-1-SP02;2121-FL41B01-1-SP01;2121-FL40K05-1-SP01;2211-IW91N06-1-SP03;2211-IW91N06-1-SP02;2211-IW91N06-1-SP01;2121-FL41C01-2-SP03;2121-FL41C01-2-SP02;2121-FL41B01-2-SP06;2211-PA91P06-2-SP06;2211-PA91P06-2-SP05;2211-IW91N06-2-SP06;2211-IW91N06-2-SP05;2211-IW91N06-1-SP04

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"

Ion Dragos Andrei  
17.05.2024

  
 I.D. Polifonescu R  
 NWI W  
 17/05/24

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	14/05/2024	Patricia Texeira	Patricia Texeira	
COMPANY				
(Free)				



# ISO Summary List

# 22635 / 1496  
Page 1

Client **TECNIMONT/REPSOL**  
Local **Portugal**

Job # **22635**  
Project **4274 ALBA-I007 Piping Fabrication**

% RT/UT  
% PT/MT

ISO # **2121-VA49A05-2**  
Piping Size/Class **3-1C14**

Revision **01**  
PED Category **Art 4.3**

Priority **2**  
**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
02	F09	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
03	F10	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
04	F14	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
04	S11	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3_1_01											
03	S12	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
03	S13	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3_1_01											
04	S15	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
04	S16	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3_1_01											
04	S17	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	1215148 ✓	CE23002054_3_1_01											

## Notes

BW-Butt Weld; FW-Fillet Weld; LW-Lap Weld; SW-Socket Weld; TBW-Tee Butt Weld  
PT-Penetration 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 Texeira*  
Date: *14/05/2024*  
Sign: *Patricia Texeira*

## APPROVED by Client

Name: **TECNIMONT**  
Date: **I.D. Polifronescu R**  
Sign: **NWI**

## APPROVED by 3rd party or AI

Name:  
Date:  
Sign:





ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION. LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION. FOR THE COMPONENT MARKED AS FIELD WELDED, ONE WELDED FOR ADJUSTMENT OF IN-LINE COMPONENT MUST BE LEFT. GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER SPECIFICATION 0404-XH-L-10-0000-00001. FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 0404-XH-L-10-0000-00001.



		LINE DATA						
		FLUID CODE: VA			LINE NO. 3"-VA-49A05-1C14			
		PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.	
01	17-11-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM			
00	28-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM			
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D		1C14 N / 0 E N 1 19-A-19-000-1-01-00001 sheet 57	

		IDENTIFICATION CODE	
Job	Area		
4274	XHDL	2121	VA49A05
UNIT	SHEET	2	REV 01
19			
REFERENCES			
PIPING ASSEMBLY DRAWING	E C T N	PIPING SUPPORT SPECIFICATION	E C T N
19L-19-000-2-00-85196 sheet 57		XH-S/G-000000002	XH-LP-000000001
PIPING ISOMETRIC LIST	E C T N	PIPING TYPICAL INSTALLATIONS	E C T N
XH-LD-212100001		XH-SL-000000002	XH-SW-000000001



BILL OF MATERIALS				
FABRICATION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806).	3	I117921	15.9 M
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	I128599	4
ERECTION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
3	SUPPORTS U BOLT (FOR GUIDE)-P02D	3	746	1
4	U BOLT (FOR GUIDE)-P02D	3	621	1
5	U BOLT (FOR GUIDE)-P02D	3	622	1
6	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	623	1

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)	LENGTH (MM)
<1>	11097	3"	F09	F	3"	BW			
<2>	2069 3059	3"	F10	F	3"	BW			
<3>	176	3"	S11	S	3"	BW			
<4>	4084 1184	3"	S12	S	3"	BW			
<5>	506	3"	S13	S	3"	BW			
			F14	F	3"	BW			
			S15	S	3"	BW			
			S16	S	3"	BW			
			S17	S	3"	BW			
INCH METER									
PIPE NS (IN)					CL LENGTH (M)				
3					16.7				
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA49A05-2-IS01							SPOOLING REV NO. 01		

AUTHORISED FOR CONSTRUCTION

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

JOINT TYPE	WELD TYPE OF JOINT	JOINT TYPE	WELD TYPE OF JOINT	JOINT TYPE	WELD TYPE OF JOINT	JOINT TYPE	WELD TYPE OF JOINT
BW	G	BW	S	LET	BOB	S	
FW	S	BS	S	LP	RF	BOF	S
LA	RF	BLW	S	MTW	M	THD	TH

 <b>MECOWIDE</b> ENGINEERING CHALLENGES	Prep.:	TG	PROC. NR:	PCL 226
	Status:	IFC	Date:	17-11-2023 Rev:
Dimensional:				Signature:
Before Welding	10/12/23			
After Welding	12/12/23			
* Assinilate deviation in the drawings ("n" 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

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