

 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° <b>IP-WSR-P-310-000133_RFI2491_MOD-ITP-XL_220</b>	
		RFI Nr.: _____	Date : _____
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number <b>IP-WSR-P-310-000133_RFI2491 - IP Spool Release From Workshop</b>			

Sheet 01/01

The Present Inspection Package contains the following Elements:

1121-HCM24059-2-SP02;1121-HCM24059-2-SP01;1121-JWR24007-2-SP03;1121-JWR24007-1-SP02-ZZ;1121-JW  
R24007-1-SP01;1121-HCM24092-1-SP01;1121-PR43030-2-SP02;1121-PR43030-1-SP02;1121-PR43030-1-SP01;11  
21-HCM24059-2-SP06;1121-HCM24059-2-SP04;1121-HCM24059-2-SP03;1121-HCM24089-4-SP06;1121-HCM2306  
5-8-SP22;1121-HCM23065-8-SP12;1121-HCM23065-8-SP11;2121-CWR40B02-2-SP03;1121-PR43030-2-SP03;112  
1-HCM23003-1-SP05;1121-P40025-4-SP05;1121-P40025-4-SP04;1121-P40025-4-SP03-  
ZZ;1121-HCM24089-4-SP08-  
ZZ;1121-HCM24089-4-SP07;2121-CYG41B02-1-SP01;1121-HCM23003-2-SP03;1121-HCM23003-2-SP04-  
ZZ;1121-HCM23003-1-SP08;1121-HCM23003-1-SP07;1121-HCM23003-1-SP06;2121-CYG41B02-4-SP06;2121-CY  
G41B02-3-SP05;2121-CYG41B02-3-SP04;2121-CYG41B02-2-SP08;2121-CYG41B02-2-SP03;2121-CYG41B02-1-S  
P02;1121-PR23005-1-SP01;1121-HCM24057-6-SP13;1121-HCM24057-6-SP12;2211-CWR40B02-5-SP06;2211-CW  
R40B02-1-SP01;2121-CYG41B02-4-SP07;2121-CYG41D05-1-SP01;2121-CYG41B12-1-SP01;2121-CT40U01-2-SP  
02;1121-PR23005-1-SP04;1121-PR23005-1-SP03;1121-PR23005-1-SP02;2121-PE41B01-1-SP02;1121-PR43048-1-  
SP02;1121-PR43048-1-SP01

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"



Pinto Joaquim  
Mechanical Piping Spv.  
Joaquim Pinto  
14/05/2024

  
I.D. Polifronescu R W  
NWI 14/05/2024

SGS  
NoBo 1155  
Reviewed by  
JORDAN MUNDA  
14/05/2024

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	14/05/2024		Name Patricia Texeira JOAQUIM PINTO	Signature Patricia Texeira Joaquim Pinto
CONTRACTOR	14/05/2024			
COMPANY				
(Free)				





**Client TECNIMONT/REPSOL**  
Local Portugal



# ISO Summary List

# 22635 / 2019  
Page 1

Job # 22635

Project 4274 ALBA-1007 Piping Fabrication

% RT/UT  
% PT/MT

ISO # 2121-CYG41B02-4  
Piping Size/Class 3-1E64  
PED Category II

## Priority 2

## Assessment/Inspection/Results

Spool	Weld#	Joint	Product Description	Seq. N.	Heat #	M.Certificate	F-M-Dos	WPS	WeldDate/Stamp	VT	NDT-PT/MT	NDT-PM/HT	NDT-RT/UT	NDT-PN	NDT-FT	Extension 1	Extension 2
01 06	S19	BW	3x3" WN FLANGE ASME B16.5 300# A105N RF ✓	38	065422 ✓	225129	17.Vareta	MW_20_BW	16/02/2024	VI-M-038			RT: RT-1-0500				
			3" PIPE - A106-B BE SMLS ✓		TCM	733038 ✓	PVX4010501	S71									
02 06	S20	BW	3" PIPE - A106-B BE SMLS		TCM	733038 ✓	02-23-2018	MW_20_BW	16/02/2024	VI-M-038			RT: RT-1-0500				
			3x3" WN FLANGE ASME B16.5 300# A105N RF	38	065422 ✓	225129	17.Vareta	PVX4010501	S71								
03 07	S21	BW	3x3" WN FLANGE ASME B16.5 300# A105N RF	38	065422 ✓	225129	17.Vareta	PVX4010501	S71								
			3" PIPE - A106-B BE SMLS		TCM	733038 ✓	02-23-2018	MW_20_BW	16/02/2024	VI-M-038			RT: RT-1-0500				
04 07	S22	BW	3" PIPE - A106-B BE SMLS		TCM	733038 ✓	02-23-2018	MW_20_BW	16/02/2024	VI-M-038			RT: RT-1-0499				
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	228	215148 ✓	CE2302054_3.1_01	PVX4010501	S71									
Notes																	
BW-Butt Weld; FW-Fillet Weld; SW-Socket Weld; TBW-Tee Butt Weld PT-Penetrant Test; MT-Magnetic Test; RT-Radiographic Test UT-Ulasonic Test; PMI-Positive Material Identification HT-Hardness Test; PN-Pneumatic Test; FT-Ferrites Test																	
Remarks																	
APPROVED QC																	
Name: <u>Patricia Texeira</u> Date: <u>14/05/2024</u> Sign: <u>14/05/2024</u>																	
APPROVED by Client																	
Name: <u>TECNIMONT</u> Date: <u>14/05/2024</u> Sign: <u>14/05/2024</u>																	
APPROVED by 3rd party or AI																	
Name: <u>José António</u> Date: <u>14/05/2024</u> Sign: <u>14/05/2024</u>																	
NoBo 1155 <input checked="" type="checkbox"/> NoBo 1156 <input type="checkbox"/>																	

*[Handwritten signatures and initials over the bottom right corner]*



Tecnimont

## Punch List

## PUNCH LIST

**IDENTIFICATION CODE**

SHEET  
1 / 1

DOC.CLASS

ISSUE  
01



**MECWIDE**  
ENGINEERING CHALLENGES.

**A** GRUPO IMPER  
Nervión Industrial

ISO ID: 2121 - CYG41B02-4

 TECNIMONT

Pinto Joaquim  
Mechanical Piping Spv.  
Joaquim Pinto  
14/05/2024

## NOTES AND REMARKS

**TECNIMONT**  
I.D. Polifronescu R  
NWI 16/08/2014 W

	DATE (dd-Mmm-YYYY)	NAME	SIGNATURE
SUBCONTRACTOR			
CONTRACTOR			
COMPANY			
(Free)			

		LINE DATA							
		FLUID CODE: CYG			PIPE ID No.			PIPING ISOMETRIC	
		TG	MW	TM	PIPING CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE
01	17-11-2023	ISSUED FOR CONSTRUCTION							
00	12-09-2023	ISSUED FOR CONSTRUCTION							
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHRD UP	APPD	1E64	P / 50	A-8	N
								1	19-A-19-200-01-00001 sheet 55

M1R01

## BILL OF MATERIALS

## FABRICATION MATERIALS

PS NO	DESCRIPTION	ITEM CODE	QTY.	HOLD
1	PIPE, A-106-B BE SMLS TO1AC0302 S-STD <FPBA010813STD> (L-786)	I117921	2.0 M	
2	90 LR ELBWS ASME B16.9 A234-WPB BE SMLS C01DC0401 S-STD <UL200F35STD> (L-956)	I128569	1	
3	WFL FLANGE ASME B16.5 300# A105N RFFE BE -125° -250 AARH F01CFC4BV05 S-STD <WNFA300R35STD> (L-236)	I427783	3	

## ERCTION MATERIALS

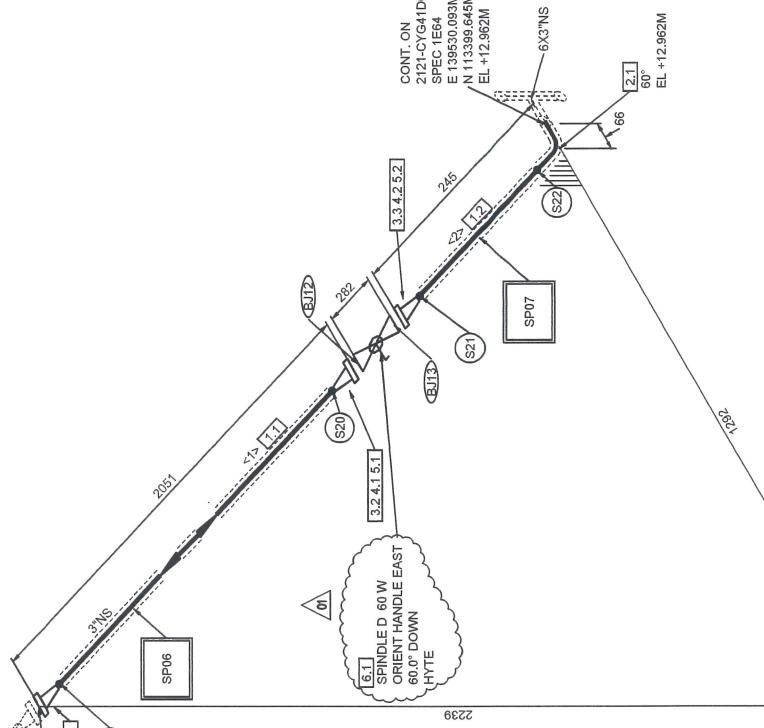
PS NO	DESCRIPTION	ITEM CODE	QTY.	HOLD
1	BIEF PIPE, A-106-B BE SMLS TO1AC0302 S-STD <FPBA010813STD> (L-786)	I117921	2.0 M	
2	90 LR ELBWS ASME B16.9 A234-WPB BE SMLS C01DC0401 S-STD <UL200F35STD> (L-956)	I128569	1	
3	WFL FLANGE ASME B16.5 300# A105N RFFE BE -125° -250 AARH F01CFC4BV05 S-STD <WNFA300R35STD> (L-236)	I427783	3	

CUT LIST	WELD 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>	1888	3"	S19	S	3"	BW	BU12	3"	34"
<2>	96	3"	S20	S	3"	BW	BU13	3"	34"
			S22		3"	BW			110
									110

	Prep.: IFC Status: IFC Date: 17-11-2023 Rev-01
Dimension:	Signature: 
Before Welding	
After Welding	
*Estimable deviation in the drawing: "± n" or "n".	
All control points registered in the Welder Production Sheet in the field	
*A dimension automatically calculated by the system	
Project: LOW DENSITY POLYETHYLENE (PE) AND POLYPROPYLENE (PP)	
FOR PROJECT - ALBA PROJECT	

AUTHORISED FOR CONSTRUCTION	
SIGNED FOR CONSTRUCTION IS SHOWN ON ISO LIST FOR RELEVANT PIPING AREA	
1 DENOTES PARTS LIST NO	PIPE A = RESTING SUPPORT G = GUIDE F = AXIAL RESTRAINT
SUPPORT WHERE A WITHOUT NUMBERING IS INDICATED THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE	

LINE NO. 3-CY-G-41B02-1E64 (P)	ITEM CODE N
	CY-G-41B02
	Area
	CF-2019
	SPooling REV NO. 01



**TECNIMONT**  
Pinto Joaquim  
Mechanical Piping Spv.  
*Joaquim Pinto  
14/05/2024*