

**TECNIMONT**

Tecnimont S.p.A.

**REPSOL**REPSOL POLIMEROS  
SA

4274\_CONST

ALBA PROJECT-PP AND PEL PLANTS



MOD-ITP-XL_220		RELEASE OF SPOOLS FROM WORKSHOP	Report n° IP-WSR-P-310-000299_RFI4297_MOD-ITP-XL_220
Rev.1		RFI Nr.: Date :	
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number			IP-WSR-P-310-000299_RFI4297 - IP Spool Release From Workshop

Sheet 01/01

The Present Inspection Package contains the following Elements:

1126-HCM32024-1-SP03;1126-HCM32024-1-SP01;1128-ET71053-1-SP01;1128-ET71051-5-SP10;1126-HCM32024-1-SP02;1126-HCM32019-2-SP03;1128-ET71053-1-SP02;1128-ET71052-1-SP01;1126-HCM32024-4-SP12 ZZ;1126-HCM32024-2-SP06 ZZ;1126-HCM32019-1-SP06;1129-PR61004-1-SP01;1128-ET71051-5-SP09;1126-HCM32024-8-SP14;1126-HCM32024-3-SP05;1126-HCM32019-2-SP02;1128-ET71053-1-SP03;2121-CYG41A07-2-SP03;1126-HCM32019-2-SP01;1126-HCM32018-1-SP02;1129-PR61005-1-SP01;1128-ET71053-2-SP04;1126-HCM32024-5-SP11;1126-HCM32024-5-SP10;1126-HCM32018-1-SP01;1114-JWR61001-1-SP01;1126-HCM32024-7-SP09;1126-HCM32024-7-SP08;1114-PR61006-2-SP01;1114-PR61006-1-SP02 ZZ;1126-HCM32024-8-SP15;1126-HCM32024-3-SP06;1126-HCM32024-3-SP04;2121-CYG41A07-2-SP04

Spool No.	Ready for destination to: P: Painting (1) W: Wrapping F: Field	NDE Class	Check List					
			Visual Inspect	Traceability OK (2)	Pending NDE / PMI (Yes/No/NA)	PWHT / HARDNESS (Yes/No/NA)	Inside Cleaning (3) (Yes/No/NA)	Spool Identified (Yes/No/NA)

On behalf of Tecnimont  
**Dragos Andrei**  
Mechanical Piping Spv.

28/08/2024

**SGS**  
reviewed by  
Nr. 80 1155 □ witness sign  
John Antonio  
29/08/2024

On behalf of Tecnimont  
**Marco Altamore** R   
NWI W

29/08/2024

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	Date [DD-MMM-YYYY]	Name		Signature
CONTRACTOR	28/08/2024	EMANUEL MARIAS PATERO		
COMPANY				
(Free)				

# ISO Summary List

# 22635 / 2512  
Page 1

Client TECNIMONT/REPSOL

Job # 22635

Local Portugal

Project 4274 ALBA-I007 Piping Fabrication

ISO # 2121-CYG41A07-2  
Piping Size/Class 3-1E64

Revision 00  
PED Category II

Priority 2B

## Assessment/Inspection/Results

Spool	Weld#	Joint	Product Description	Seq. N.	Heat #	M.Certificate	FIM-Dos	WPS	WeldDate/Stamp	VT	NDT-PT/MT	NDT-RT/UT	NDT-PM/HT	NDT-PN	NDT-FT Extension 1	Extension 2
02	03	\$08	BW 3" 90 LR ELBOW ASME B16.9 A234 WPB BE S	606	17357 ✓	CE2304022_3.1_01	27-Vaerla	MNW20_BW	24/07/2024	VT-M-0145	RT-RT-101166	HT-HT-M-082-A				
	03	\$09	BW 3" PIPE - A106-B BE SMLS		CERT. TGN/733938 ✓	02-23-2285	PVY0311445	MNW20_BW	S08		RT-RT-101166	HT-HT-M-082-A				
	03	\$10	BW 3" PIPE - A106-B BE SMLS		CERT. TGN/733938 ✓	02-23-2285	PVY0311445	MNW20_BW	S08		RT-RT-101166	HT-HT-M-082-A				
	04	\$11	BW 3" 90 LR ELBOW ASME B16.9 A234 WPB BE S	606	17357 ✓	CE2304022_3.1_01	35-Vaerla	MNW20_BW	12/08/2024	VT-M-0159	RT-RT-101166	HT-HT-M-082-A				
	05	\$12	BW 3" PIPE - A106-B BE SMLS		CERT. TGN/733938 ✓	02-23-2285	PVY15/0889	MNW20_BW	S08		RT-RT-101166	HT-HT-M-082-A				
	06	\$13	BW 3" PIPE - A106-B BE SMLS		CERT. TGN/733938 ✓	02-23-2285	PVY15/0889	MNW20_BW	S08		RT-RT-101166	HT-HT-M-082-A				
	06	\$14	BW 3" 45 LR ELBOW ASME B16.9 A234 WPB BE S	394	215148 ✓	CE2302008_3.1_01	27-Vaerla	MNW20_BW	S08		RT-RT-101166	HT-HT-M-082-A				
	06	\$15	BW 3" 45 LR ELBOW ASME B16.9 A234 WPB BE S	394	215148 ✓	CE2302008_3.1_01	27-Vaerla	MNW20_BW	S08		RT-RT-101166	HT-HT-M-082-A				
	07	\$16	BW 3x3" WN FLANGE ASME B165.300# A105N RF	38	70HC22 ✓	225128	PVY0311445	MNW20_BW	S08		RT-RT-101171	HT-HT-M-082-A				
	07	\$17	BW 3x3" WN FLANGE ASME B165.300# A105N RF	38	70HC22 ✓	225128	PVY0311445	MNW20_BW	S08		RT-RT-101171	HT-HT-M-082-A				
	08	\$18	BW 3x3" WN FLANGE ASME B165.300# A105N RF	38	70HC22 ✓	225128	PVY0311445	MNW20_BW	S08		RT-RT-101171	HT-HT-M-082-A				

### Remarks

Notes  
BW-Butt Weld; FWF-fillet 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

### APPROVED QC

APPROVED by 3rd party or Al

APPROVED by Client

APPROVED by 3rd party or Al

Name: E.M. PATRICK MARCUS Name: ACTAROGE MARCUS  
Date: 29/08/2024 Sign: 29/08/2024 Date: 29/08/2024 Sign:

Nr: Sc 1155 □ Witnessed by  
Signature: 

Nr: Sc 1155 □ Witnessed by  
Signature: 

 <b>TECNIMONT</b>	Punch List	IDENTIFICATION CODE		
	<b>PUNCH LIST</b>	SHEET 1 / 1	DOC.CLASS 1	ISSUE 01
 <b>MECWIDE</b> Engineering Challenges	ISO ID: 2121-CYG41A07-2			
				

On behalf of Tecnimont  
**Dragos Andrei**  
Mechanical Piping Spv.

## NOTES AND REMARKS

ALTAMORE MARCO

ON BEHALF OF ICM  
2010-11

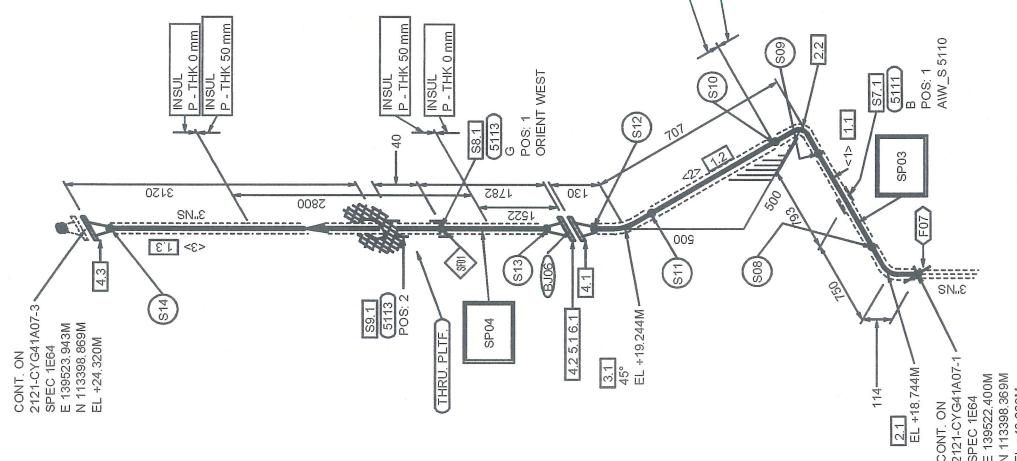
28.08.2024

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



Termination fee need by seller or any purpose without prior written consent.

		<b>PLANT: SINES INDUSTRIAL COMPLEX</b> <b>CLIENT REF: REPSOL POLYMERS</b> <b>PIPE SUPPORTS/BRWNSN: 154-1900-204-0367 Sheet5</b> <b>PIPE SUPPORTS/BRWNSN: E C T N</b> <b>PIPE ASYMETRIC: 1ST</b> <b>XH-LDB-21/0001</b>		<b>PIPING ISOMETRIC</b> <b>UNIT: N</b> <b>Piping supports specification</b> <b>E C T N</b> <b>Piping typical installations</b> <b>XH-SL-00000002</b> <b>HELDING SPECIFICATION</b> <b>XH-SL-00000002</b>		<b>IDENTIFICATION CODE:</b> <b>N</b> <b>4274 XHDL 2/121 CYC41A07</b> <b>UNIT: N</b> <b>19 SHEET 2 REV 00</b> <b>PIPING ISOMETRIC SUPPORTS/BRWNSN: XH-LP-00000001</b> <b>E C T N</b> <b>XH-SWA-00000001</b>	
<b>BILL OF MATERIALS</b>							
<b>FABRICATION MATERIALS</b>							
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD		
	PIPE.						
1	PIPE - A106-B BE SMLS TO AC030V02 S-STD <#PFA010B13STD> (L-7006) FITTINGS. 90 LR BLOW ASME B16.9 A-234-NPB BE SMLS C01D00V01 S-STD <#OLAD00C33STD> (L-7855)	3	1117821 1123859	6.7 M 2			
2	45 LR BLOW ASME B16.9 A-234-NPB BE SMLS C02D00V01 S-STD <#ULB1205C33STD> (L-7566)	3	1201301	1			
3	ELBOWS WN FLANGE ASME B16.300W A152W IRFPE BE-225-250 AHRH FD1C-484W M5 S-STD <#WFA300R35SS1D> (L-239)	3	14217653	3			
4							



On behalf of Tecnimont  
**Dragos Andrei**  
Mechanical Piping Spv.  
28.08.2024



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WITHEBISSED EOB CONSTRUCTION

AUTORISED FOR CONSTRUCTION		SIGNED FOR CONSTRUCTION IS SHOWN ON ISO LIST FOR RELEVANT PIPING AREA		JOINT TYPE, NAME, TYPE OF ADHESIVE, NAME, TYPE OF ADHESIVE, NAME, TYPE OF ADHESIVE		JOINT TYPE, NAME, TYPE OF ADHESIVE, NAME, TYPE OF ADHESIVE, NAME, TYPE OF ADHESIVE		JOINT TYPE, NAME, TYPE OF ADHESIVE, NAME, TYPE OF ADHESIVE, NAME, TYPE OF ADHESIVE	
ISO LIST NO.		ISO LIST NO.		ISO	ISO	ISO	ISO	ISO	ISO
PIPE SUPPORT	TYPE	GUIDE	RESTING SUPPORT	ISO	ISO	ISO	ISO	ISO	ISO
INDICATES PARTS LIST NO.	SUPPORT	GUIDE	A = RESTING SUPPORT	F = AXIAL RESTRAINT	B = GUIDE + STOP	M = SPRING	P =	NAME OF MANUFACTURER	
WAS NOT INDICATED IN THE DRAWINGS		NAME OF MANUFACTURER		NAME OF MANUFACTURER		NAME OF MANUFACTURER		NAME OF MANUFACTURER	