


 TECNIMONT Tecnimont S.p.A.	 REPSOL 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-310-000006_MOD-ITP-XL_220	
		RFI Nr.: 257	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000006 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:




1111-CHWR43011-1-SP01;1111-CHWS61029-1-SP01;1111-LS63002-2-SP05;1111-N67050-1-SP01;1111-N72006-1-SP01;1111-N72006-1-SP02;1121-CHWR21007-1-SP01;1121-CHWR21007-1-SP02;1121-CHWS61024-1-SP01;1121-CHWS61024-1-SP02;1121-IW64025-1-SP01;1121-JWR23001-2-SP01;1121-JWR23001-2-SP02;1121-JWR23001-2-SP03;1121-JWR23003-1-SP01;1121-JWR23003-1-SP02;1121-JWR23003-1-SP03;1121-JWR23003-1-SP04;1121-JWR23003-1-SP05;1121-JWR23003-1-SP06;1121-JWR35001-1-SP03;1121-JWR35001-1-SP04;1121-JWR35001-2-SP01;1121-JWR35001-2-SP02;1121-JWR35001-2-SP03;1121-JWR64001-2-SP03;1121-JWR64001-2-SP04;1121-JWR64001-2-SP05;1121-JWR64001-2-SP06;1121-JWR64001-2-SP07;1121-JWS64026-1-SP09;1121-JWS64026-1-SP10;1121-JWS64026-1-SP11;1121-JWS64026-1-SP12;1121-JWS64026-2-SP06;1121-JWS64026-2-SP07;1121-JWS64026-2-SP08;1121-JWS64048-1-SP01;1121-JWS64048-1-SP02;1121-JWS64048-1-SP03;1121-JWS64048-1-SP04;1121-JWS64048-2-SP04;1121-JWS64048-2-SP05;1121-JWS64048-2-SP06;1121-LS63045-2-SP01;1121-LS63045-2-SP02;1121-LS63045-2-SP03;1121-LS63045-2-SP04;1121-LS63067-3-SP01;1121-LS63067-3-SP02;1121-LS63067-3-SP03;1121-LS63067-3-SP04;1121-LS63073-3-SP02;1121-LS63073-3-SP03;1121-LS63073-4-SP01;1121-LS63203-1-SP17;1121-LS63203-1-SP18;1121-N67052-1-SP01;1121-N67052-1-SP02;1121-N67052-1-SP03;1121-N67061-11-SP07;1121-N67061-11-SP08;1121-N67061-1-SP14;1121-N67061-1-SP15;1121-N67061-2-SP16;1121-N67079-2-SP06;1121-N67079-3-SP07;1121-N67079-4-SP04;1121-N67079-4-SP05;1121-PJW32002-1-SP01;1121-PJW32002-1-SP02;1121-PR34020-1-SP01;1121-VZ34004-1-SP01;1121-WW20002-1-SP01;1121-WW20002-1-SP02;2121-CWR40B05-1-SP01;2121-CWR40B05-1-SP02;2121-PA91P08-2-SP03;2121-PA91P08-2-SP04;2121-VA40N01-1-SP01;2121-VA49A01-1-SP01;7111-CWR91K08-1-SP01;7111-LC91A08-1-SP01

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)


 JOAQUIM PINTO
 PIPING SOP
 Joaquim Pinto

LEGEND OF CHECK RESULT ☒ Checked & NOT Accepted ☒ Checked & Accepted N.A. Not Applicable Y / N Punch List Produced

	Date (DD-MMM-YYYY)	Name	Signature
SUBCONTRACTOR	06/10/2023	Patricia Teixeira	Patricia Teixeira
CONTRACTOR	06/10/2023	Luis Gomes	Luis Gomes
COMPANY			
(Free)			

	 REPSOL POLIMEROS SA	4274_CONST 4274-ALBA PROJECT-PP AND PEL PLANTS	
Tecnimont S.p.A.			
MOD-ITP-XL_220 Rev.1	RELEASE OF SPOOLS FROM WORKSHOP	Report n° IP-WSR-P-310-000006_MOD-ITP-XL_220	
		RFI Nr.: 257	Date :
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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"

 TECNIMONT

JOAQUIM PINTO

PIPING SUP.

Joquin Pinto

LEGEND OF CHECK RESULT ☒ Checked & NOT Accepted ☒ Checked & Accepted N.A. Not Applicable Y / N Punch List Produced

	Date (DD-MMM-YYYY)	Name	Signature
SUBCONTRACTOR	06/10/2023	Patricia Teixeira	Patricia Teixeira
CONTRACTOR	06/10/2023	Luís Gomes	Luís Gomes
COMPANY			
(Free)			

ISO Summary List

22635 / 1258

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA49A01-1**

Revision **00**

Priority **6**

Piping Size/Class **3-1C13**


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-PM/HT	NDT-PN	NDT-FT	Repair 1	Repair 2
01	01	S05	BW	17	23211709	23310546	5 Varela	MW.20_BW	22/08/2023	VT-I-008		RT: RT-I-092					
			3" PIPE - A106-B BE SMLS	228	215148	CE23002054_3.1_01	PVX1312824		S71								
03	01	S04	BW	228	1215148	CE23002054_3.1_01	5 Varela	MW.20_BW	22/08/2023	VT-I-008							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	17	23211709	23310546	PVX1312824		S71								
04	01	S03	BW	17	23211709	23310546	5 Varela	MW.20_BW	22/08/2023	VT-I-008							
			3" PIPE - A106-B BE SMLS	228	1215148	CE23002054_3.1_01	PVX1312824		S71								
05	01	S02	BW	399	1885765	CE23002013_3.1_01	5 Varela	MW.20_BW	22/08/2023	VT-I-008							
			3x2" ECCENTRIC REDUCER ASME B16.9 A234-	17	23211709	23310546	PVX1312824		S71								
06	01	S01	BW	36	70HC22	224878	5 Varela	MW.20_BW	22/08/2023	VT-I-008							
			2x2" WN FLANGE ASME B16.5 150# A105N RF	399	1885765	CE23002013_3.1_01	PVX1312824		S71								
			3x2" ECCENTRIC REDUCER ASME B16.9 A234-														
Notes				Remarks						APPROVED QC		APPROVED by Client		APPROVED by 3rd party or AI			
BW-Butt Weld; FW-Fillet Weld; LW-Lap Weld; SW-Socket Weld; TBW-Tee Butt Weld										Name: <i>[Signature]</i>		Name: <i>his gante</i>		Name:			
PT-Penetrant Test; MT-Magnetic Test; RT-Radiographic Test										Date: <i>06/10/2023</i>		Date: <i>06/10/2023</i>		Date:			
UT-Ultrasonic Test; PMI-Positive Material Identification										Sign: <i>[Signature]</i>		Sign: <i>[Signature]</i>		Sign:			
HT-Hardness Test; PN-Pneumatic Test; FT-Ferrites Test																	

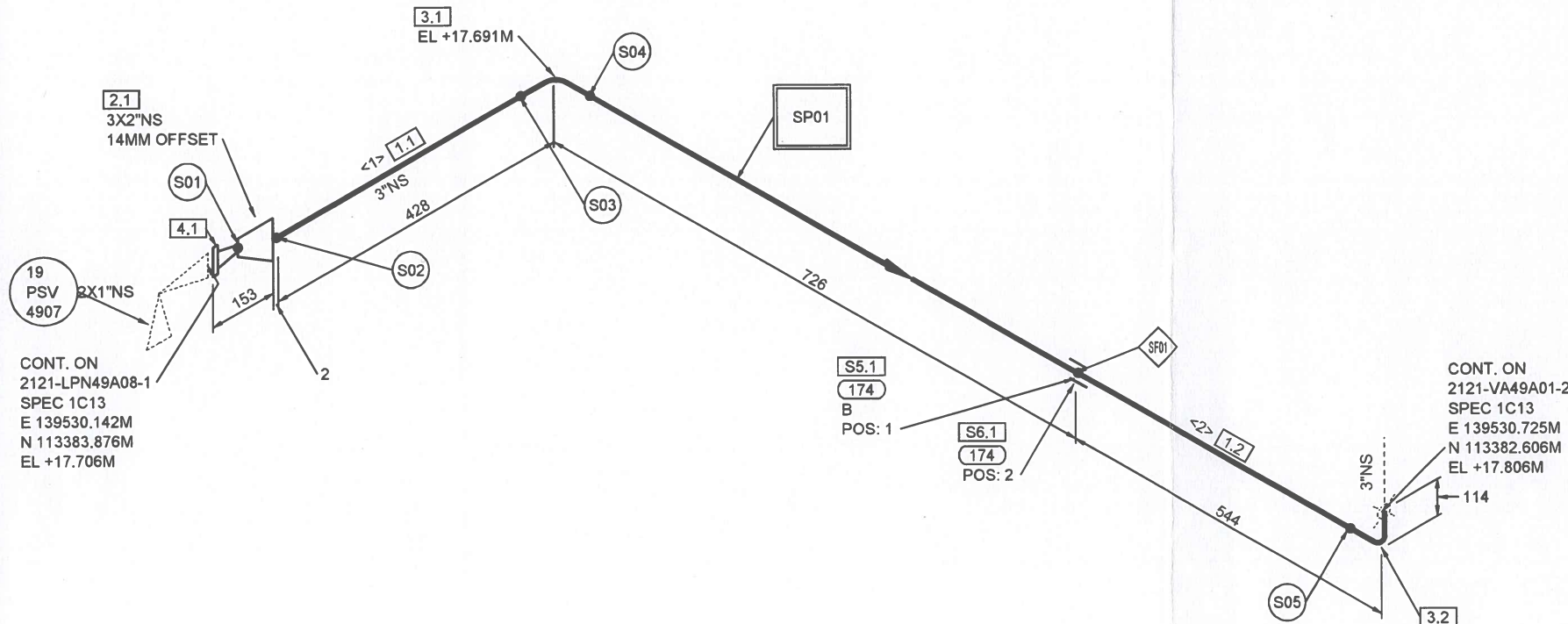
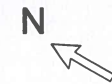
Joaquín Pinto

NW2-2021

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 4048-XH-SG-0000000004. FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L-10-0000-00001.

 REPSOL						LINE DATA							
						FLUID CODE: VA		LINE NO. 3"-VA-49A01-1C13					
						PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.		
00	11-08-2023	ISSUED FOR CONSTRUCTION			TG	MW	TM						
REV	DATE	REVISION DESCRIPTION			DRAWN UP	CHKD UP	APP'D	1C13	N / 0	E	N	1	19-A-19-000-1-01-00001 sheet 57

		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		Job	EIC	T	Area
				4274	XHDL	2121	VA49A01
				UNIT	19	SHEET	1 REV 00
REFERENCES		PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY	
		19-L-19-000-2-00-86196 sheet 5		XH-SG-000000002		XH-LP-000000001	
		PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION	
		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	1.4 M
2	FITTINGS ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD <EREA200F315151415> (L-7959)	3X2	I128082	1
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	I128599	2
4	FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R152STD> (L-149)	2	I5355795	1

ERECTION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
5	SUPPORTS GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	3	174	1
6	STAKES SUPPORTS ST01 HEA100	3	174	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)	SIZE (IN)	LENGTH (MM)
<1>	312	3"	S01	S	2"	BW				
<2>	1038	3"	S02	S	3"	BW				
			S03	S	3"	BW				
			S04	S	3"	BW				
			SF01	F	3"	FT				
			S05	S	3"	BW				
INCH METER										
PIPE NS (IN)					CL LENGTH (M)					
3					1.7					
2					0.2					
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA49A01-1-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	SW	S	LET	LET	SOB	B
FW	S	SIB	B	LF	RF	BOF	B
LA	RF	BLW	S	MTW	M	THD	TH

TECNIMONT
JOAQUIM PINTO
PIPING SUP.
Joaoquim Pinto
AS BUILT

	Prep.: TG	PROC. NR: PCL 22635
	Status: IFC	Date: 11-08-2023 Rev: 00
Dimensional:		
Before Welding		
After Welding		
* Assinalate deviation in the drawings ("n" or "-n").		
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo OK)		

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