


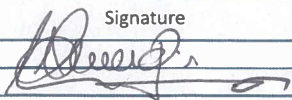
 Tecnimont S.p.A.	 REPSOL REPSOL POLIMEROS SA	4274_CONST 4274-ALBA PROJECT-PP AND PEL PLANTS	
MOD-ITP-XL_220 RELEASE OF SPOOLS FROM WORKSHOP Rev.1		Report n° IP-WSR-P-310-000005_MOD-ITP-XL_220 RFI Nr.: Date :	
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000005 - 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-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

 **TECNIMONT**
 JOAQUIM PINTO
 PIPING SUP.
 Joaquim 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	19/10/2023	Luis Gauer		
COMPANY				
(Free)				

ISO Summary List

22635 / 1259
Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA49A01-2** ✓

Revision **00**

Priority **6**

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

PED Category **Art 4.3**

Assessment Inspection/Results

Spot	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	02	S08	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 228	215148 ✓	CE23002054_3.1.01 ✓	5.Varela ✓	MW.20_BW	22/08/2023	VT-I-008						
			3" PIPE - A106-B BE SMLS	✓ 17	23211709 ✓	23310546 ✓	PVX1312824 ✓	✓	S71	✓							
02	02	S07	BW	3" PIPE - A106-B BE SMLS	✓ 17	23211709 ✓	23310546 ✓	5.Varela ✓	MW.20_BW	22/08/2023	VT-I-008	RT-RT-I-071-A ✓					
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	✓ 228	215148 ✓	CE23002054_3.1.01 ✓	PVX1312824 ✓	✓	S71	✓							
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>Fernando Almeida</i>				Name: <i>L. Varsiveles</i>				Name:	
PT-Penetrant Test; MT-Magnetic Test; RT-Radiographic Test								Date: <i>19/09/23</i>				Date: <i>19/09/23</i>				Date:	
UT-Ultrasonic Test; PMI-Positive Material Identification								Sign: <i>[Signature]</i> QC				Sign: <i>[Signature]</i>				Sign:	
HT-Hardness Test; PN-Pneumatic Test; FT-Ferrites Test																	



Punch List

PUNCH LIST

IDENTIFICATION CODE

SHEET
1 / 1

DOC.CLASS
1

ISSUE
01



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NEW! Ampco
Nervion Industrial

ISO ID: 2121 - VA49A01 - 2

[illegible]

NOTES AND REMARKS

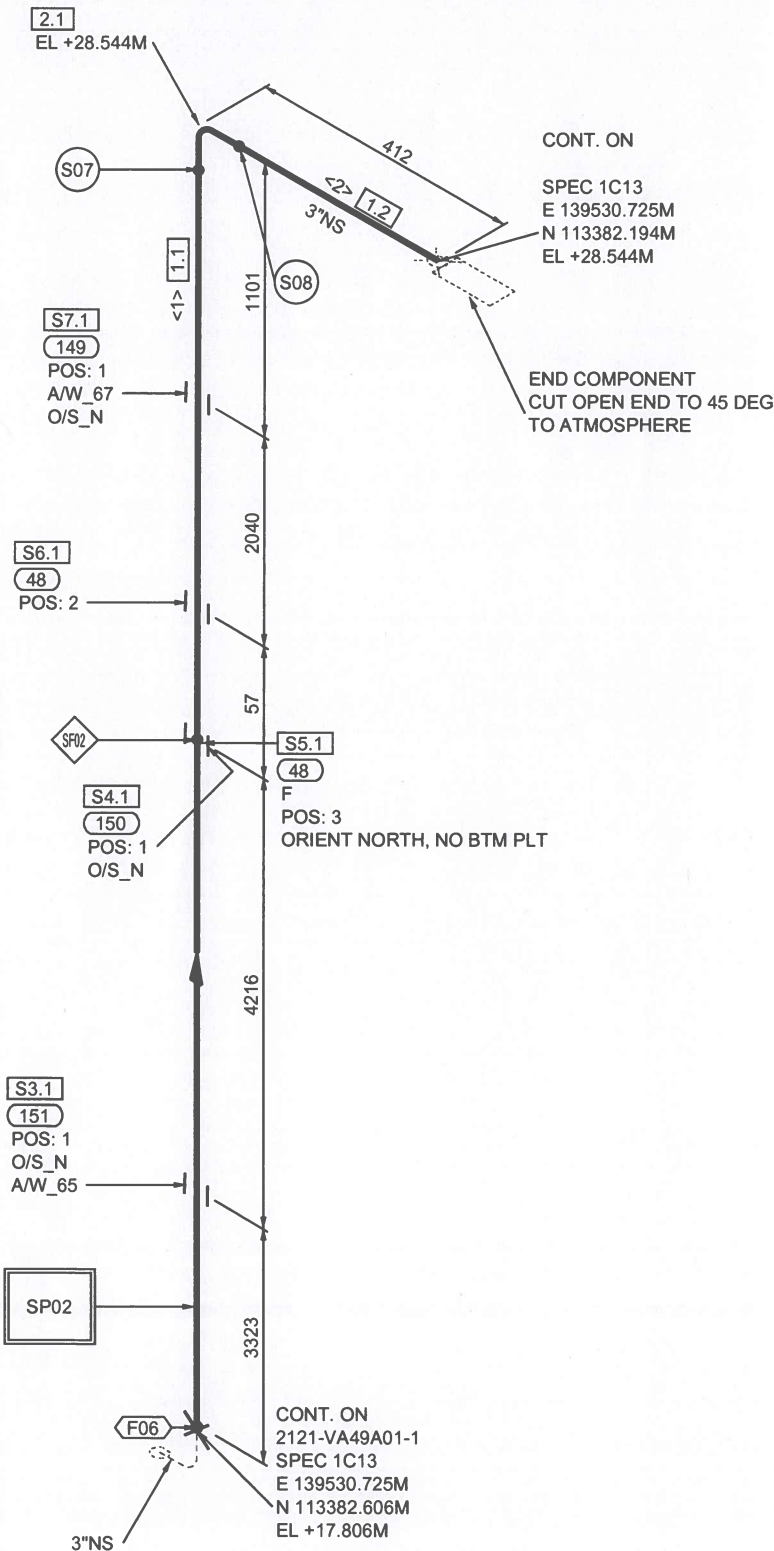
	DATE (dd-Mmm-YYYY)	NAME	SIGNATURE
SUBCONTRACTOR			
CONTRACTOR			
COMPANY			
(Free)			

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
FIELD WELD SYMBOL FOR ADJUSTMENT OF IN-LINE COMPONENT WHERE MARKED
FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L-10-0000-00001



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

PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		IDENTIFICATION CODE	
Job		Area		N	
4274		2121		VA49A01	
UNIT		SHEET		REV	
19		2		00	
PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY	
19-L-19-000-2-00-86196 sheet 6		XH-SG-00000002		XH-LP-00000001	
PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION	
XH-LD-21210001		XH-SL-00000002		XH-SW-00000001	






AUTHORISED FOR CONSTRUCTION

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

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	S
FW	S	SIB	S	LF	RF	SOE	S
LA	RF	SLW	S	MTW	M	THD	TH

TECNIMONT
JOAQUIM PINTO
PIPING SUP
Joaoquim Pinto
AS BUILT

 MECWIDE ENGINEERING CHALLENGES	Prep.: TG	PROC. NR:	PCL 22935
	Status: IFC	Date:	11-08-2023 Rev: 00
Dimensional:	Signature:		
Before Welding	21/08/2023 		
After Welding	22/08/2023 		
* Assinalate deviation in the drawings ("+" n" or "- n").			
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo OK)			

PIPING ISOMETRIC

CLIENT REF: REPSOL POLYMEROS

BILL OF MATERIALS

FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806).	3	I117921	11.0 M	
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	I128599	1	

ERECTION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
3	SUPPORTS U BOLT (FOR GUIDE)-P02D	3	151	1	
4	U BOLT (FOR GUIDE)-P02D	3	150	1	
5	STOP HORIZ VERT FOR NOT INS. PIPING-N1F1	3	48	1	
6	WELDED BRACKET TO STRUCT. SB35 - HEA120	3	48	1	
7	U BOLT (FOR GUIDE)-P02D	3	149	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>	10621	3"	F06	F	3"	BW				
<2>	295	3"	SF02	F	3"	FT				
			S07	S	3"	BW				
			S08	S	3"	BW				

WELD LIST

BOLT LIST

INCH METER

PIPE NS (IN)	CL LENGTH (M)
3	11.1

ISOMETRIC NO. 4274-SP-XH-DL-2121-VA49A01-2-IS00

SPOOLING REV NO. 00

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