

 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° IP-WSR-P-310-000017_MOD-ITP-XL_220 RFI Nr.: 396 Date :	
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000017 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:


1211-CWS89032-1-SP04;1211-CWS89032-1-SP03;1211-FW68J01-4-SP08;1211-FW68J01-4-SP07;1211-VA40B02-2-SP04;1211-VA40B02-2-SP03;1211-VA40B02-1-SP02;1211-VA40B02-1-SP01;1211-MS91A01-1-SP13;1211-MS91A01-1-SP12;1211-MS91A01-1-SP11;1211-VG40N11-2-SP10;1211-VG40N11-2-SP09;1211-VG40N11-1-SP02;1211-VG40N11-1-SP01;1211-VA49A08-1-SP01;1211-VA49A05-3-SP05;1211-VA40Z10-1-SP01;1211-VA40Y02-3-SP07;1211-VA40Y02-3-SP06;1211-VA40Y02-2-SP05;1211-VA40Y02-2-SP04;1211-VA40Y02-2-SP03;1211-VA40U05-1-SP01;1211-VA40P04-1-SP01;7111-CWS64009-1-SP01;7111-PA89021-6-SP14;7111-PA89021-6-SP13;7111-N89001-6-SP12;7111-N00D01-1-SP01;1121-BDL43019-6-SP06;1121-BDL43019-6-SP05;1121-BDL43019-3-SP01;1121-BDL31031-3-SP05;1121-JWR64002-1-SP02;1121-JWR64002-1-SP01;1121-JWR40005-1-SP02;1121-JWR40005-1-SP01;1121-PN52015-2-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"


 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	09-11-2023	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR	01-11-2023	Luiz Gomes	Luiz Gomes		
COMPANY					
(Free)					


 Gomes
 NWI

ISO Summary List

22635 / 1377

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40Z10-1**

Revision **00**

Priority **1**

Piping Size/Class **3-1C17**

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-PMI/HT	NDT-PN	NDT-FT	Extension 1	Extension 2
01	S02	BW	3x2" ECCENTRIC REDUCER ASME B16.9 A234-3" PIPE - A106-B BE SMLS	541	88166	CE23008046_3_1_01	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
03	S03	BW	3" PIPE - A106-B BE SMLS	17	23211709	23310546	PVX1312824	S08									
04	S04	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	17	23211709	23310546	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
05	S05	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	228	215148	CE23002054_3_1_01	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
06	S06	BW	3" PIPE - A106-B BE SMLS	17	23211709	23310546	PVX1312824	S08									
07	S07	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	17	23211709	23310546	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
08	S01	BW	2x2" WN FLANGE ASME B16.5 150# A105N RF	228	215148	CE23002054_3_1_01	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
			3x2" ECCENTRIC REDUCER ASME B16.9 A234-	36	70HC22	224878	5 Varella	MW.20_BW	17/10/2023	VT-I-050							
				541	88166	CE23008046_3_1_01	PVX1312824	S08									

Notes

BW-Butt Weld; FW-Fillet Weld; LW-Lap 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

Remarks

APPROVED QC

Name:

Date:

Sign:

APPROVED by Client

Name:

Date:

Sign:

APPROVED by 3rd party or AI

Name:

Date:

Sign:



ISSUED FOR CONSTRUCTION				FLUID CODE: VA				LINE DATA				P&ID No.	
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE			
00	23-08-2023		TG	MW	TM	1C17	N / 0	E	N	1		19-A-19-000-1-01-00001 sheet 51	

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS	Job	Area	4274	XHDL	2121	VA40210
		UNIT	SHEET	19		1	REV 00
PIPING ASSEMBLY DRAWING	19-L-19-000-3-00-86197 sheet 2	PIPING SUPPORT SPECIFICATION	XH-SG-00000002	PIPING STANDARD SUPPORT SUMMARY	XH-LP-00000001		
PIPING ISOMETRIC LIST	XH-LD-21210001	PIPING TYPICAL INSTALLATIONS	XH-SL-00000002	WELDING SPECIFICATION	XH-SW-00000001		

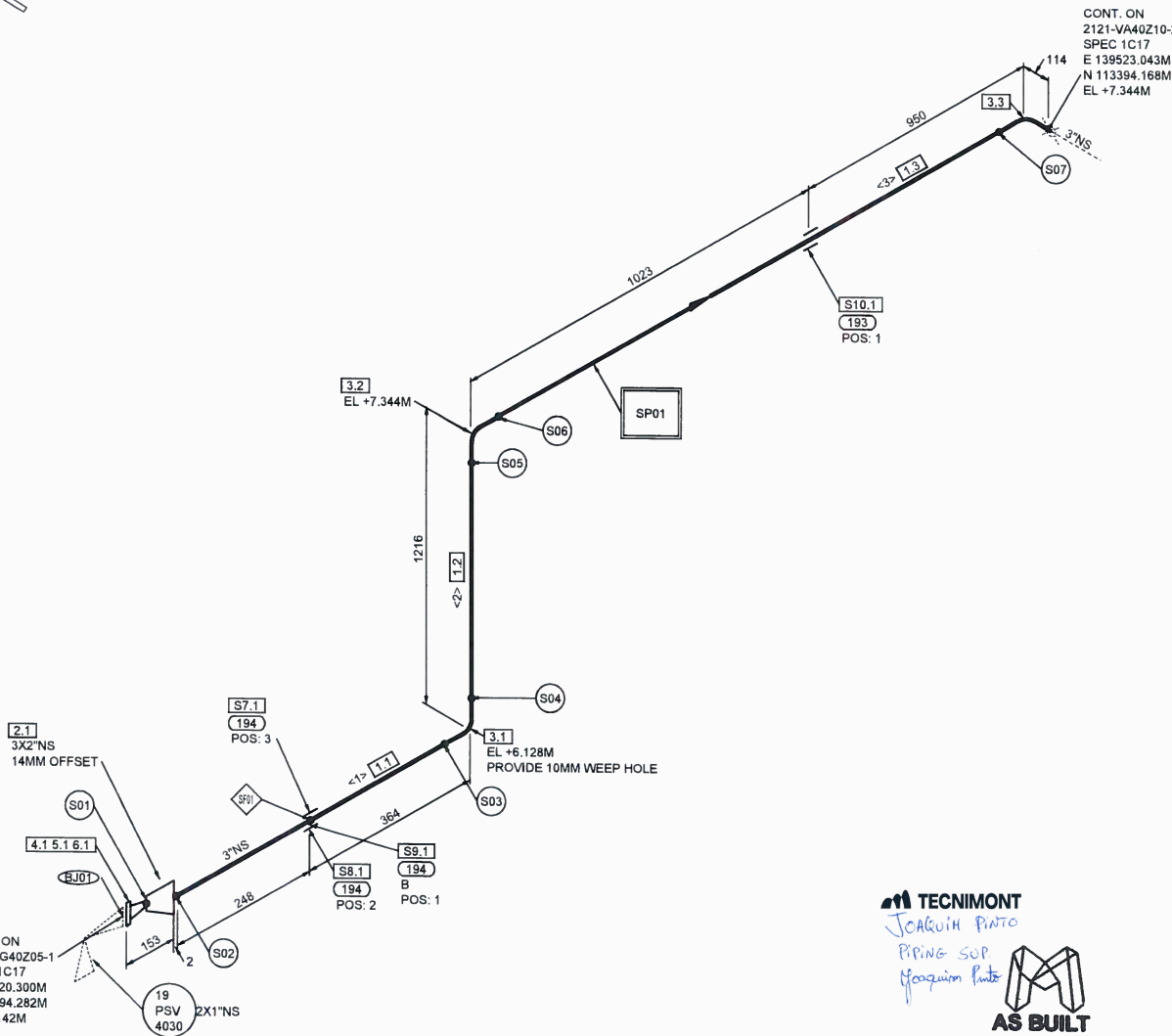
BILL OF MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806)	3	I117921	3.3 M	
2	FITTINGS ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD <ERA2A200F15151415> (L-7959)	3X2	I128082	1	
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7959)	3	I128599	3	
4	FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R152STD> (L-149)	2	I5355795	1	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
5	GASKETS SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GDP11S12 <N/A> (N/A)	2	I63508906	1	
6	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/B31/2> - 2 NUTS PER BOLT - 85 mm Length	5/8	I53437429	4	
7	SUPPORTS PIPING SUPPORT - BEAMS- BE03 HEA120	3	194	1	
8	STAKES SUPPORTS ST05 HEA120	3	194	1	
9	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	3	194	1	
10	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	3	193	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> <2> <3>	496	3"	S01	S	2"	BW	BJ01	2"	5/8"	85
	984	3"	S02	S	3"	BW				
	1740	3"	SF01	F	3"	FT				
			S03	S	3"	BW				
			S04	S	3"	BW				
			S05	S	3"	BW				
			S06	S	3"	BW				
		S07	S	3"	BW					
INCH METER										
PIPE NS (IN)							CL LENGTH (M)			
3							3.8			
2							0.2			
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40210-1-S00										SPOOLING REV NO. 00

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 INLINE COMPONENT MUST BE LEFT FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4046-XH-L-10-000-00001



TECNIMONT
JOAQUIM PINTO
PIPING SUP
Joaoquin Pinto
AS BUILT

MECWIDE	Prep: TG	PROC. NR: PCL 22635
Dimensional:	Status: IFC	Date: 23-08-2023
Before Welding: 16/05/2023	Signature:	
After Welding: 17/05/2023	Signature:	
* Assimilate deviation in the drawings (* n" or n")		
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)		

AUTHORISED FOR CONSTRUCTION

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

JOINT TYPE	HAEL TYPE OF JOINT	JOINT TYPE	HAEL TYPE OF JOINT	JOINT TYPE	HAEL TYPE OF JOINT	JOINT TYPE	HAEL TYPE OF JOINT
BW	G	BW	B	LET	LET	BOB	B
PW	B	DB	B	LP	RF	BOF	B
LA	RF	BLW	B	MTW	M	THD	TH

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