

 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;2121-VA40B02-2-SP04;2121-VA40B02-2-SP03;2121-VA40B02-1-SP02;2121-VA40B02-1-SP01;2121-MS91A01-1-SP13;2121-MS91A01-1-SP12;2121-MS91A01-1-SP11;2121-VG40N11-2-SP10;2121-VG40N11-2-SP09;2121-VG40N11-1-SP02;2121-VG40N11-1-SP01;2121-VA49A08-1-SP01;2121-VA49A05-3-SP05;2121-VA40Z10-1-SP01;2121-VA40Y02-3-SP07;2121-VA40Y02-3-SP06;2121-VA40Y02-2-SP05;2121-VA40Y02-2-SP04;2121-VA40Y02-2-SP03;2121-VA40U05-1-SP01;2121-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

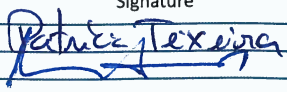
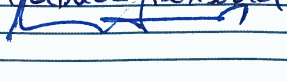
NOTES (*) : 4274-XH-PQ-00000001

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-00000005 (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.
Joachim 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			
CONTRACTOR	09-11-2023	Luís Gomes			
COMPANY					
(Free)					




Gomes
NW1

R
W

ISO Summary List

22635 / 1787

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40B02-1**

Revision **00**

Priority **6**

Piping Size/Class **6-1C2**

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	02	S06	BW 6" 90 LR ELBOW ASME B16.9 A234-WPB BE S 6" PIPE - A106-B BE SMLS	521 116	722833 23101232	CE23004590_3.1_01 23503497	1 Electrodo - SBA0812275 5 Vareta - PVX1312824	MW.21_BW	12/10/2023 B371	VT-I-046		RT: RT-I-0193					
03	01	S04	BW 6" 90 LR ELBOW ASME B16.9 A234-WPB BE S 6" PIPE - A106-B BE SMLS	521 116	722833 23101232	CE23004590_3.1_01 23503497	1 Electrodo - SBA0812275 5 Vareta - PVX1312824	MW.21_BW	12/10/2023 B371	VT-I-046							
04	01	S03	BW 6" PIPE - A106-B BE SMLS 6" 90 LR ELBOW ASME B16.9 A234-WPB BE S	116 521	23101232 722833	23503497 CE23004590_3.1_01	1 Electrodo - SBA0812275 5 Vareta - PVX1312824	MW.21_BW	12/10/2023 B371	VT-I-046							
05	01	S02	BW 6x4" ECCENTRIC REDUCER ASME B16.9 A234- 6" PIPE - A106-B BE SMLS	135 116	A5327 23101232	0012023-08 23503497	1 Electrodo - SBA0812275 5 Vareta - PVX1312824	MW.21_BW	12/10/2023 B371	VT-I-046							
06	01	S01	BW 4x4" WN FLANGE ASME B16.5 150# A105N RF 6x4" ECCENTRIC REDUCER ASME B16.9 A234-	36 135	10EE23 A5327	224878 0012023-08	5 Vareta PVX1312824	MW.20_BW	12/10/2023 B371	VT-I-046							

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

* 1. Electrodo - SBX0812275
 5. Vareta - PVX1312824

APPROVED QC

Name: F. [Signature]

Date: 09/06/23

Sign: [Signature]

APPROVED by Client

Name: L. Gomes

Date: 09/06/23

Sign: [Signature]

APPROVED by 3rd party or AI

Name:

Date:

Sign:



FLUID CODE: VA				LINE DATA			
				LINE NO. 6"-VA-40B02-1C2			
PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.		
1C2	N / O	E	N	1	19-A-19-000-1-01-00001 sheet 29B		
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D		
00	06-09-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		

TECNIMONT		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLIMEROS		Job	ETC	Y	N
				4274	XHDL	2121	VA40B02
				UNIT	19	SHEET	1
							REV 00
PIPING ISOMETRIC LIST		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY			
19-L-19-000-2-00-06192 sheet 2		XH-SG-000000002		XH-LP-000000001			
XH-LD-21210001		XH-SL-000000002		XH-SW-000000001			

BILL OF MATERIALS			
PS NO	DESCRIPTION	NS (MM)	ITEM CODE

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B16STD> (L-7806).	6	I117981	10.0 M	
2	FITTINGS ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD <EREA200F317151615> (L-7959)	6X4	I128353	1	
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F36STD> (L-7959).	6	I128667	2	
4	FLANGES WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R154STD> (L-149).	4	I5355796	1	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
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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 <NA> (N/A)	4	I63508920	1	
6	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/B31/2> - 2 NUTS PER BOLT - 90 mm Length	5/8	I53437440	8	
7	SUPPORTS STANDARD GUIDE FOR NOT INS. PIPING-N1G1	6	329	1	
8	WELDED BRACKET TO STRUCT. SB02 HEA100	6	329	1	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
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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 <NA> (N/A)	4	I63508920	1	
6	BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/B31/2> - 2 NUTS PER BOLT - 90 mm Length	5/8	I53437440	8	
7	SUPPORTS STANDARD GUIDE FOR NOT INS. PIPING-N1G1	6	329	1	
8	WELDED BRACKET TO STRUCT. SB02 HEA100	6	329	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)

PIECE NO	LENGTH (MM)	SIZE (IN)	WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE	BOLT NO	FLANGE SIZE (IN)	SIZE (IN)	LENGTH (MM)
<1>	1890	6"	S01	S	4"	BW	BJ01	4"	5/8"	90
<2>	296 331	6"	S02	S	6"	BW				
<3>	7954 7964	6"	S03	S	6"	BW				
			S04	S	6"	BW				
			F05	F	6"	BW				
			S06	S	6"	BW				

INCH METER			
PIPE NS (IN)	CL LENGTH (M)		

PIPE NS (IN)	CL LENGTH (M)
6	11.0
4	0.3

ISOMETRIC NO.	4274-SP-XH-DL-2121-VA40B02-1-IS00
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POOLING REV NO.	00
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SHEET NO.	1 OF 1
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PROJECT:	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) FOR PROJECT - ALBA PROJECT
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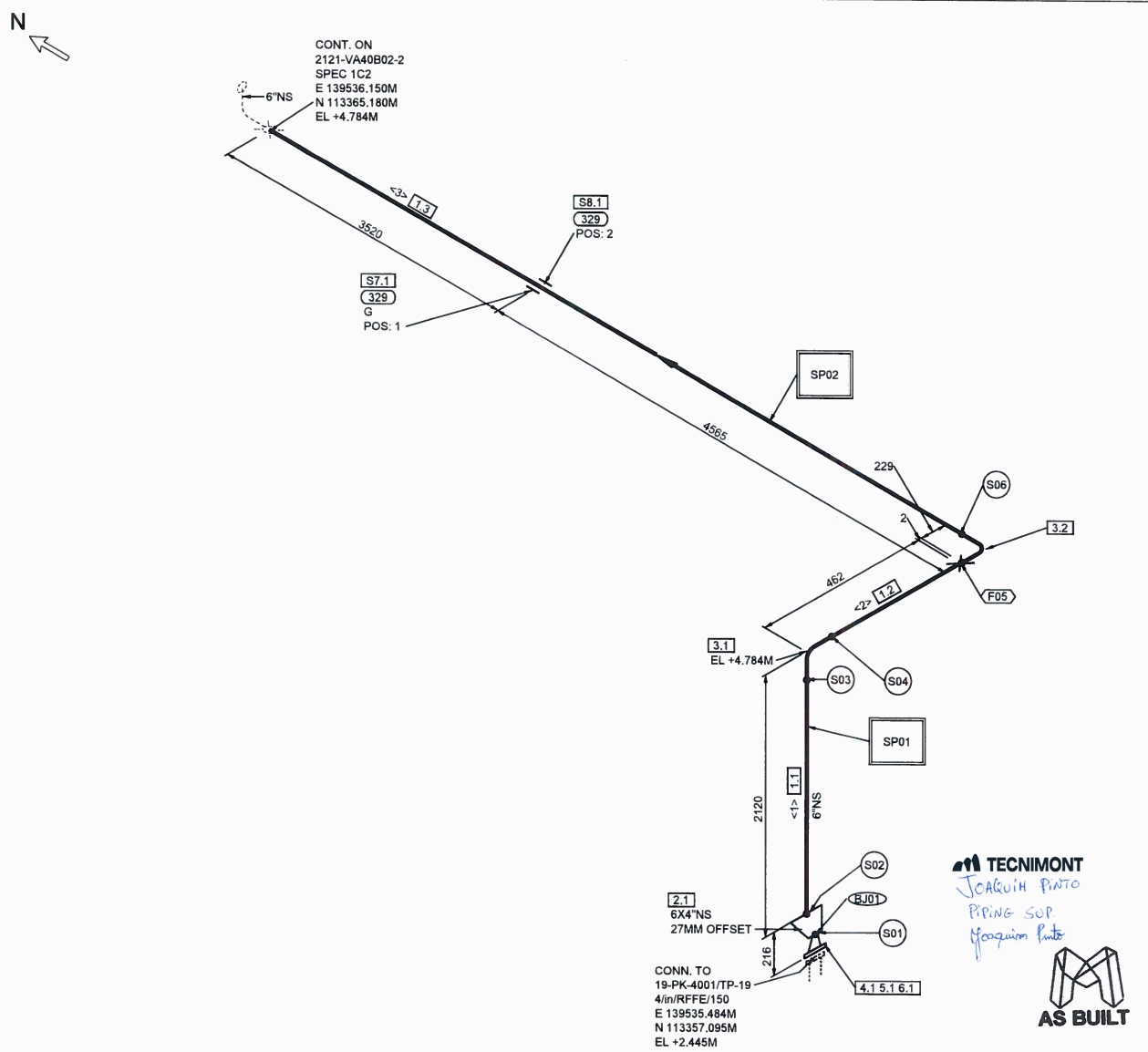
PROJECT:	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) FOR PROJECT - ALBA PROJECT
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PROJECT:	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) FOR PROJECT - ALBA PROJECT
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PROJECT:	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) FOR PROJECT - ALBA PROJECT
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PROJECT:	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) FOR PROJECT - ALBA PROJECT
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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. GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER SPECIFICATION 0406-XH-SG-0000000004 FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4046-XH-LI-10-0000-00001



AUTHORISED FOR CONSTRUCTION

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

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

MECWADE	Prep:	TG	PROC. NR:	PCL 22635
	Status:	IPC	Date:	06-09-2023
	Rev:	00		
Dimensional:				
Before Welding: 11/10/2023				
After Welding: 12/10/2023				
* Asinallate deviation in the drawings ("n" or "n")				
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)				

Notes:	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
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