

 Tecnimont S.p.A.	 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-310-000067_RFI1207_MOD-ITP-XL_220	
		RFI Nr.: 1207	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000067_RFI1207 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2211-VA62B01-1-SP03;2211-VA62B01-1-SP02;2211-VA62B01-1-SP01;2211-N91M34-2-SP03;2211-N91M34-2-SP02;2211-N91M34-2-SP01;2211-N50A15-4-SP09;2211-N50A15-4-SP08;2211-N50A15-4-SP07;2211-IW91N04-6-SP14;2211-IW91N04-6-SP13;2211-CWS91J47-2-SP01;2211-CWS91J47-1-SP03;2211-CWS91J47-1-SP02;2211-CWR80B01-1-SP01;2211-CWR70A03-2-SP03;2121-VG40N11-5-SP08;2121-VG40N11-5-SP07;2121-VG40N11-5-SP06;2121-VA49A04-2-SP12;2121-VA49A04-2-SP11;2121-VA49A04-2-SP10;2121-VA49A04-1-SP09;2121-VA49A04-1-SP08;2121-VA40B03-2-SP04;2121-VA40B03-2-SP03;2121-VA40B03-2-SP02;2121-VA40B03-2-SP01;2121-PA91P08-1-SP06;2121-PA91P08-1-SP05;2121-CWS91J52-1-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"

 **TECNIMONT**

Pinto Joaquim
Mechanical Piping Spv.

Joaquim Pinto
07/03/2024

 **TECNIMONT**

L.Gomes
NWI

07/03/2024

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
	Date [DD-MMM-YYYY]	Name	Signature	
SUBCONTRACTOR	07/03/2024	Patricia Texeira	Patricia Texeira	
CONTRACTOR				
COMPANY				
(Free)				



ISO Summary List

22635 / 4250
Page 1

Client **TECNIMONT/REPSOL**
Local **Portugal**

Job # **22635**
Project **4274 ALBA-I007 Piping Fabrication**

% RT/UT
% PT/MT

ISO # **2121-VA40B03-2**
Piping Size/Class **2-B-1**

Revision **00**
PED Category **Art 4.3**

Priority **2**
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	F01	BW	2" PIPE - A106-B BE SMLS ✓		R60448 ✓												
02	F03	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339	73 ✓	CE23001995_3_1_01											
03	F04	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	339	73 ✓	CE23001995_3_1_01											
04	F08	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	339	73 ✓	CE23001995_3_1_01											
05	S02	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	339	73 ✓	CE23001995_3_1_01	17-Vareta PVX4010501	MW.20_BW	27/12/2023 S138	VT-I-097							
06	S05	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339	73 ✓	CE23001995_3_1_01	17-Vareta PVX4010501	MW.20_BW	27/12/2023 S138	VT-I-097							
07	S06	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	339	73 ✓	CE23001995_3_1_01	17-Vareta PVX4010501	MW.20_BW	27/12/2023 S138	VT-I-097							
08	S07	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339	73 ✓	CE23001995_3_1_01	17-Vareta PVX4010501	MW.20_BW	27/12/2023 S138	VT-I-097							
09	S09	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339	73 ✓	CE23001995_3_1_01	17-Vareta PVX4010501	MW.20_BW	27/12/2023 S138	VT-I-097							
10	S10	BW	2" PIPE - A106-B BE SMLS ✓ 2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	339	73 ✓	CE23001995_3_1_01	17-Vareta PVX4010501	MW.20_BW	27/12/2023 S138	VT-I-097							
11	S11	BW	2" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓ 2" PIPE - A106-B BE SMLS ✓	339	73 ✓	CE23001995_3_1_01	17-Vareta PVX4010501	MW.20_BW	27/12/2023 S138	VT-I-097							
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: Patricia Texeira			Name: L. Gomes			Name:			
PT-Penetrant Test; MT-Magnetic Test; RT-Radiographic Test								Date: 07/03/2024			Date: L. Gomes			Date:			
UT-Ultrasonic Test; PMI-Positive Material Identification								Sign: Patricia Texeira			Sign: NWI			Sign:			
HT-Hardness Test; PN-Pneumatic Test; FT-Ferrites Test																	

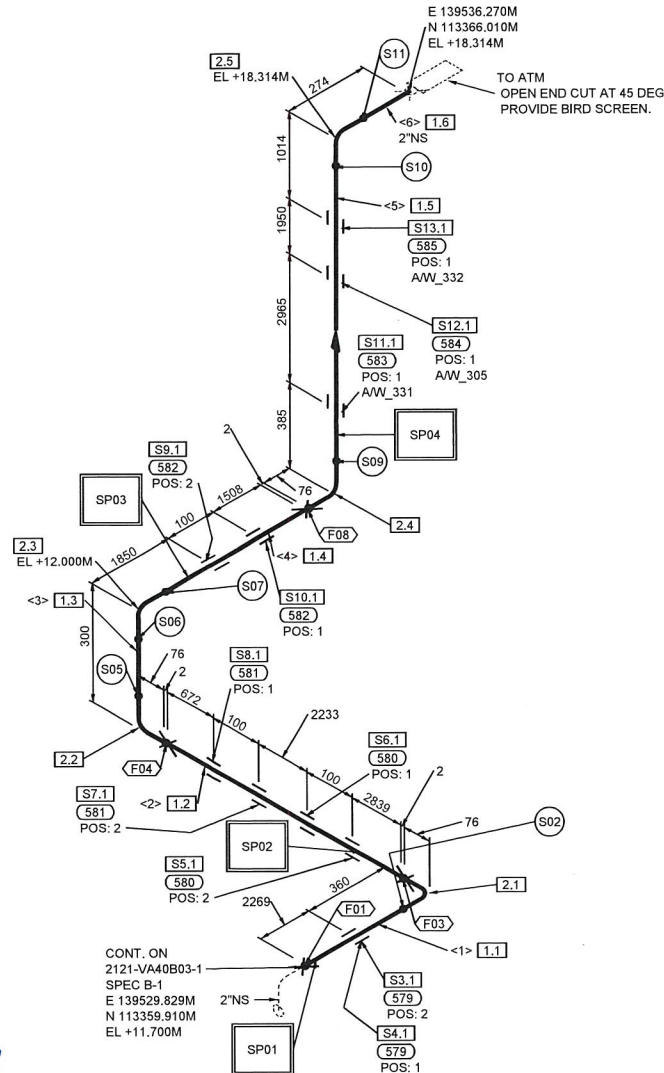
AB 31/04



FLUID CODE: VA				LINE DATA			
PIPING MATERIAL CLASS				INSULATION			
WELD CLASS				HEAT TREATMENT			
PAINTING CODE				P&ID No.			
00	19-10-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	B-1	N / O
						E	N
						1	19-A-19-000-1-01-00001 sheet 41A

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE	
Job	4274	EIC T	Area	N	
Plant	SINES INDUSTRIAL COMPLEX	Client Ref	REPSOL POLYMEROS	Unit	19
Sheet		Sheet		Rev	00
Area		Area		Rev	00
Area		Area		Rev	00
Area		Area		Rev	00
Area		Area		Rev	00
Area		Area		Rev	00
Area		Area		Rev	00
Area		Area		Rev	00

MIR39



TECNIMONT
Pinto Joaquim
Mechanical Piping Spv.
Joaquim Pinto
07/03/2024



AUTHORISED FOR CONSTRUCTION

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

JOINT TYPE	ISOL TYPE OF JOINT	JOINT TYPE	ISOL TYPE OF JOINT	JOINT TYPE	ISOL TYPE OF JOINT	JOINT TYPE	ISOL TYPE OF JOINT
BW	G	BW	S	LET	LET	BOF	S
FW	S	BOF	S	LF	RF	BOF	S
LA	RF	BLW	S	MTW	M	THD	TH

MECWIDE Prep.: TG PROC. NR.: PCL 22635
Status: IFC Date: 19-10-2023 Rev: 00
Dimensional: Signature: *[Signature]*
Before Welding: *[Signature]*
After Welding: *[Signature]*
* Assinilate deviation in the drawings ("n" or "n").
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)

BILL OF MATERIALS										
FABRICATION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B12STD> (L-7806)	2	1117862	18.4 M						
2	FITTINGS 90 L.R. ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955)	2	1128529	5						
ERECTION MATERIALS										
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD					
3	SUPPORTS WELDED BRACKET TO STRUCT. SB01 L100X100X10	2	579	1						
4	U BOLT (FOR GUIDE)-P02D	2	579	1						
5	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	2	580	1						
6	U BOLT (FOR GUIDE)-P02D	2	580	1						
7	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	2	581	1						
8	U BOLT (FOR GUIDE)-P02D	2	581	1						
9	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	2	582	1						
10	U BOLT (FOR GUIDE)-P02D	2	582	1						
11	U BOLT (FOR GUIDE)-P02D	2	583	1						
12	U BOLT (FOR GUIDE)-P02D	2	584	1						
13	U BOLT (FOR GUIDE)-P02D	2	585	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>	2591 2651	2"	F01	F	2"	BW				
<2>	5944 6044	2"	S02	S	2"	BW				
<3>	144	2"	F03	F	2"	BW				
<4>	3980 3480	2"	F04	F	2"	BW				
<5>	6158	2"	S05	S	2"	BW				
<6>	196	2"	S06	S	2"	BW				
			S07	S	2"	BW				
			F08	F	2"	BW				
			S09	S	2"	BW				
			S10	S	2"	BW				
			S11	S	2"	BW				
INCH METER										
PIPE NS (IN)								CL LENGTH (M)		
2								19.4		
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40B03-2-I500								SPOOLING REV NO. 00		

ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION. LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. SUBSETTING TO BE IMPLEMENTED MECHANICAL SUBCONTRACTOR AS PER SPECIFICATION 4046-XH-L-10-000000000. FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4046-XH-L-10-000000000.

1 DENOTES PARTS LIST NO. PIPE A = RESTING SUPPORT G = GUIDE F = AXIAL RESTRAINT B = GUIDE + STOP M = SPRING
SUPPORT 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