

 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-310-000055_RFI1119_MOD-ITP-XL_220	
		RFI Nr.: 1119	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000055_RFI1119 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2211-VRG50A09-1-SP02;2211-VRG50A09-1-SP01;2211-VRG50A08-1-SP11;2211-VRG50A08-1-SP07;2211-VRG50A08-1-SP06;2211-VRG50A08-1-SP05;2211-FL50A02-4-SP09;2211-FL50A02-4-SP08;2211-CWR40G04-3-SP04;2211-CWR40G04-2-SP03;2211-CWR40G04-2-SP02;2211-CWR40G04-1-SP01;2211-CWR40B02-3-SP04;2211-CWR40B02-3-SP03;2121-VRG41B13-1-SP05;2121-VG40P02-1-SP01;2121-FL40K02-1-SP02;2121-FL40K02-1-SP01;2121-FL40C01-3-SP04;2121-FL40C01-3-SP03;2121-ET40F04-1-SP02;2121-ET40F04-1-SP01;2121-ET40A07-7-SP04;2121-CWS40G04-1-SP03;2121-CWS40G04-1-SP02;2121-CWS40G04-1-SP01;2121-CWS40G03-2-SP02;2121-CWS40G03-1-SP01-ZZ;2121-CWR40B02-3-SP07;2121-CWR40B02-3-SP06;2121-CWR40B02-1-SP11;2121-CWR40B02-1-SP02;2121-CWR40B02-1-SP01;2121-COM40B01-1-SP02;2121-COM40B01-1-SP01;2121-BU10C13-2-SP05;2121-BU10C13-2-SP04

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"


 L.Gomes
 NWI
 20/02/2024


 Pinto Joaquim
 Mechanical Piping Spv.
 Joaquim Pinto
 20/02/2024

JOT Amora
 20/02/2024

 NoBo 1155

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	20/02/2024	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR					
COMPANY					
(Free)					



ISO Summary List

22635 / 1798

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VRG41B13-1**

Revision **00**

Priority **6**

Piping Size/Class **3-C-42** ✓

PED Category **II**
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 05	S32	BW	3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ 3x3" WN FLANGE ASME B16.5 300# A350-LF2 ✓	349 523	793850 ✓ 70HC22 ✓	CE23002033_3.1_01 225784	6:Vareta F PVX2210111	MW.23_BW	05/10/2023 S08	VT-I-041							
04 05	S31	BW	3" PIPE - A333-6 BE SMLS ✓ 3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓	125 349	23102062 793850	23503488 CE23002033_3.1_01	6:Vareta F PVX2210111	MW.23_BW	05/10/2023 S08	VT-I-041							
05 05	S25	BW	3x3" WN FLANGE ASME B16.5 300# A350-LF2 ✓ 3" PIPE - A333-6 BE SMLS ✓	523 125	70HC22 ✓ 23102062 ✓	225784 23503488	6:Vareta F PVX2210111	MW.23_BW	05/10/2023 S08	VT-I-041							

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

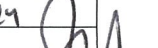
APPROVED QC

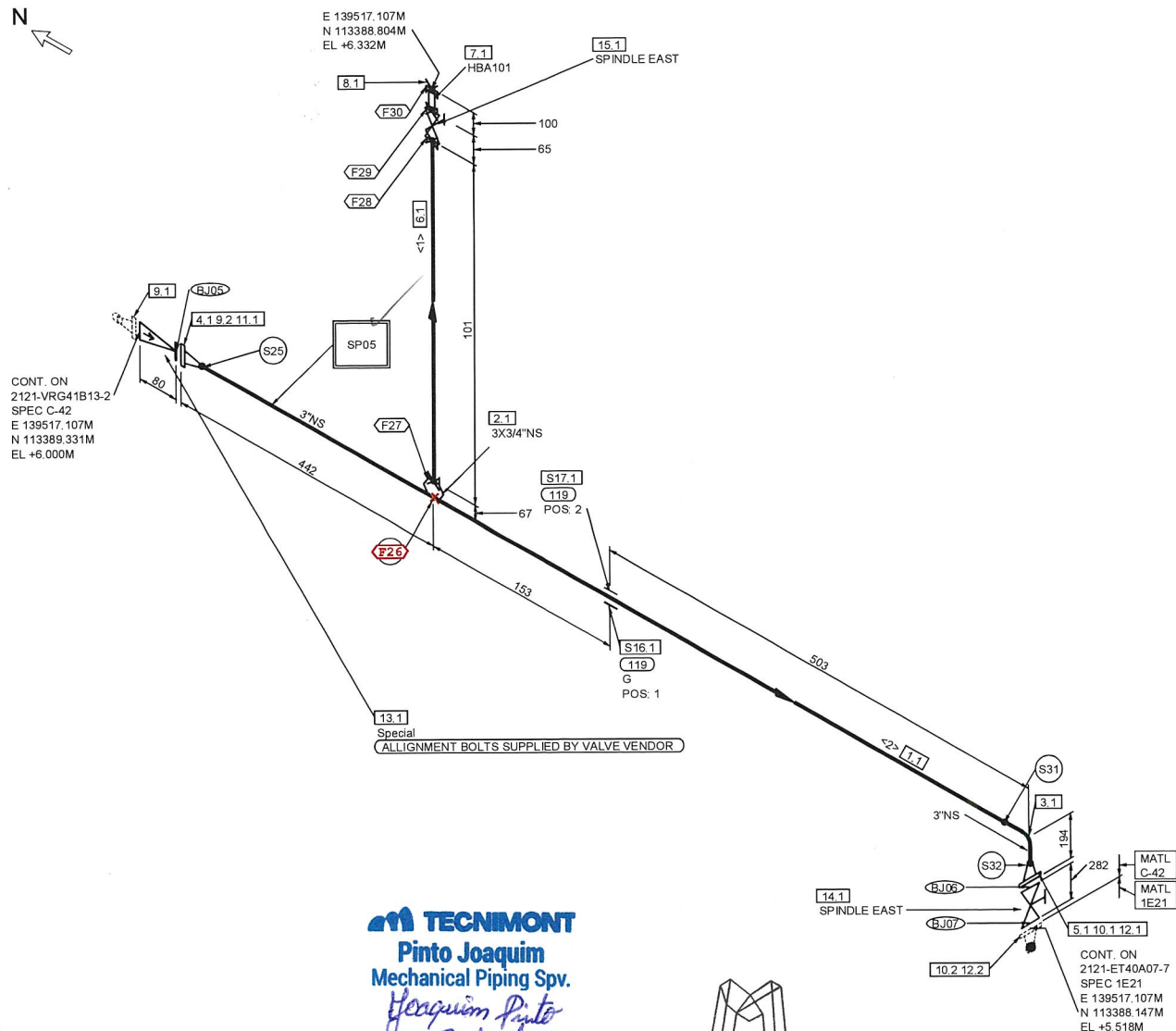
Name: *Patricia Teixeira*
Date: *19/02/2024*
Sign: *Patricia Teixeira* 

APPROVED by Client

Name: *L. Gomes*
Date: *20/02/2024*
Sign: *L. Gomes* 



APPROVED by 3rd party or AI

Name: *JTA Amador*
Date: *20/02/2024*
Sign: *JTA Amador* 



TECNIMONT
Pinto Joaquim
Mechanical Piping Spv.
Joaquim Pinto
20/02/2024



 MEC WIDE ENGINEERING CHALLENGES	Prep.: TG	PROC. NR: PCL 2263/s
	Status: IFC	Date: 06-09-2023 Rev:
Dimensional:	Signature:	
Before Welding		
After Welding		
* Assinilate deviation in the drawings ("s" and "m"). Autocontrol (Autu) registered in the Welder Production Sheet in the field of observations (Avisu) (Autokontrol OK)		

AUTHORISED FOR CONSTRUCTION

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

LEGEND							
JOINT TYPE	HMBL TYPE OF JOINT	JOINT TYPE	HMBL TYPE OF JOINT	JOINT TYPE	HMBL TYPE OF JOINT	JOINT TYPE	HMBL TYPE OF JOINT
BW	G	BW	S	LET	LET	BOB	B
PW	S	BB	B	LF	RF	BOF	S

PROJECT: LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP)
FOR PROJECT - ALBA PROJECT

FABRICATION MATERIALS					
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A333-6 BE SMLS T01AC22V02 S-STD <PI020B13STD> (L-8199) EITINGS	3	I146278	1.0 M	
2	REDUCING SOCKOLET MSS-SP-97 3000# A350-LF2 Class 1 BE SWE - R13DNC07V101 NREOD <SOKL300LB0151> (L-7906)	3X3/4	I368227	1	
3	90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <SOLL210F33STD> (L-7066) FLANGES		I213645	1	
4	WN FLANGE ASME B16.5 300# A350-LF2 Class 1 RFFE BE 125 - 250 AARH F01CFC07BVO5 S-STD <WNFL300R353STD> (L-7981).		I219622	1	
5	WN FLANGE ASME B16.5 300# A350-LF2 Class 1 RFFE BE 125 - 250 AARH F01CFC07BVO5 S-STD <WNFL300R353STD> (L-7981)	3	I219622	1	

ERECTION MATERIALS					
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
	PIPE				
6	PIPE - A333-6 PE SMLS T01AC222D2 S-XS <PIPL020A13X4XS> (L-PIPO1)	3/4	I146384	0.1 M	
	FITTINGS				
7	NIPPLE -- A333-6 PE MTE SMLS LENGTH 100mm R03AQ22CW04 S-160 <NTOLO20E1110324> (L-9261)	3/4	I2503089	1	
8	CAP ASME B16.11 3000# A350-LF2 Class 1 FTE NREQD - R41FNC072001 NREQD <CATL300KBK3/4> (L-7902)	3/4	I118032	1	
	GASKETS				
9	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAP LTCS SS 316 ASME B16.5 G03GF1IAG8 <N/A> (N/A)	3	I46364707	2	
10	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAP LTCS SS 316 ASME B16.5 G03GF1IAG8 <N/A> (N/A)	3	I46364707	2	
	BOLTS				
11	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/194-7 INCH SIZE I010B5301 <SB2R55G34734> - 2 NUTS PER BOLT. - 195 mm Length	3/4	I55705101	8	
	STUD BOLT&NUTS ASME B18.31.2/ B18.2.2 A320-L7/194-7 INCH SIZE I010B5301 <SB2R55G34414> - 2 NUTS PER BOLT - 110 mm Length	3/4	I55705084	16	
	VALVES & LINE ITEMS				
13	DISC CHECK WFR VALVE ASME B16.34 300# A352-LCC RFTBE 316/PEEK 125 - 250 AARH SL VERTICAL&HORIZONTAL CRACKING PRESSURE AT 4.25 PSI ASME B16.5 V40JFC82P12 NREQD <N/A> (N/A).	3	I66040921	1	
14	GATE VALVE API 600 300# A352-LCC RFFE 10-316 API 600 L7/7 125 - 250 AARH BB-OS&Y FLXW API 600 HW ASME B16.5 V01FPC82B12R NREQD <G43L-7863> (L-7863)	3	I63584433	1	
15	GATE VALVE API 602 800# A350-LF2 Class 1 SWE SWE 10-316 API 602 L7/7 BB-OS&Y SOW API 602 HW V01GIC0711 ZCC NREQD <G63_L4-9943> (L-9943)	3/4	I64383040	1	
	SUPPORTS				
16	STANDARD GUIDE FOR NOT INS. PIPING-NIG1	3	I119	1	
17	WELDED BRACKET TO STRUCT. SB01 L100X100X10	3	I119	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>	100	3/4"	S25	S	3"	BW	BJ05	3"	3/4"	195
<2>	901	3"	S26	S	3/4"	OL	BJ06	3"	3/4"	110
			F27	F	3/4"	SW	BJ07	3"	3/4"	110
			F28	F	3/4"	SW				
			F29	F	3/4"	SW				
			F30	F	3/4"	THD				
			S31	S	3"	BW				
			S32	S	3"	BW				
							INCH METER			
							PIPE NS (IN)		CL LENGTH (M)	
							3 0.75		2.7 0.3	
ISOMETRIC NO. 4274-SP-XH-DL-2121-VRG41B13-1-IS00							SPOOLING REV NO.			