

 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-310-000046_RFI914 MOD-ITP-XL_220	
		RFI Nr.: 914	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000046_RFI914 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:


2211-FW68T63-2-SP01;2211-FW68T62-1-SP02;2211-FW68T62-1-SP01;2121-CWS40B04-2-SP04;2121-CWS40B04-2-SP03;2121-CWS40B04-2-SP02;2121-CWS40B04-1-SP01-ZZ;2121-VA49A04-3-SP13;2121-VA49A02-3-SP06;2121-VA40P04-2-SP03;2121-VA40P04-2-SP02;2121-VA00108-1-SP02;2121-VA00108-1-SP01;2121-LPN91S10-2-SP07;2121-LPN91S10-2-SP06;2121-LPN91S10-2-SP05;1123-N72007-1-SP01;1123-N72006-1-SP02;1123-N72006-1-SP01;1123-JWS64035-1-SP01;1123-JWR72003-1-SP01;1123-BU73047-1-SP02;1123-BU73047-1-SP01;2211-N91M32-3-SP01;2211-VRG50B04-1-SP02;2211-VRG52A01-1-SP01;2211-VRG50B04-3-SP05;2211-VRG50B04-3-SP04;2211-VRG50B04-3-SP03;2211-VRG50B04-3-SP01-ZZ

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"


 Pinto Joaquim
 Mechanical Piping Spv.
Joaquim Pinto
 05/02/2024


 L. Gomes
 NWI
L. Gomes
 05/02/2024

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	05/02/2024	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR					
COMPANY					
(Free)					

QC

ISO Summary List

22635 / 1494

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA49A04-3**

Revision **01**

Priority **6**

Piping Size/Class **3-1C14**

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	13	S41	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3_1_01	17:Vareta	MW.20_BW	07/12/2023	VT-I-085						
			3" PIPE - A106-B BE SMLS ✓	460	23210199 ✓	23602081	PVX4010501			S286							
03	13	S40	BW	3" PIPE - A106-B BE SMLS ✓	460	23210199 ✓	23602081	17:Vareta	MW.20_BW	07/12/2023	VT-I-085	RT: RT-I-0298					
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3_1_01	PVX4010501			S286							

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: *05/02/2024*

Sign: *Patricia Teixeira*

APPROVED by Client

Name: **TECNIMONT**

Date: *L. Gomes*

Sign: *L. Gomes*

APPROVED by 3rd party or AI

Name:

Date:

Sign:

QC

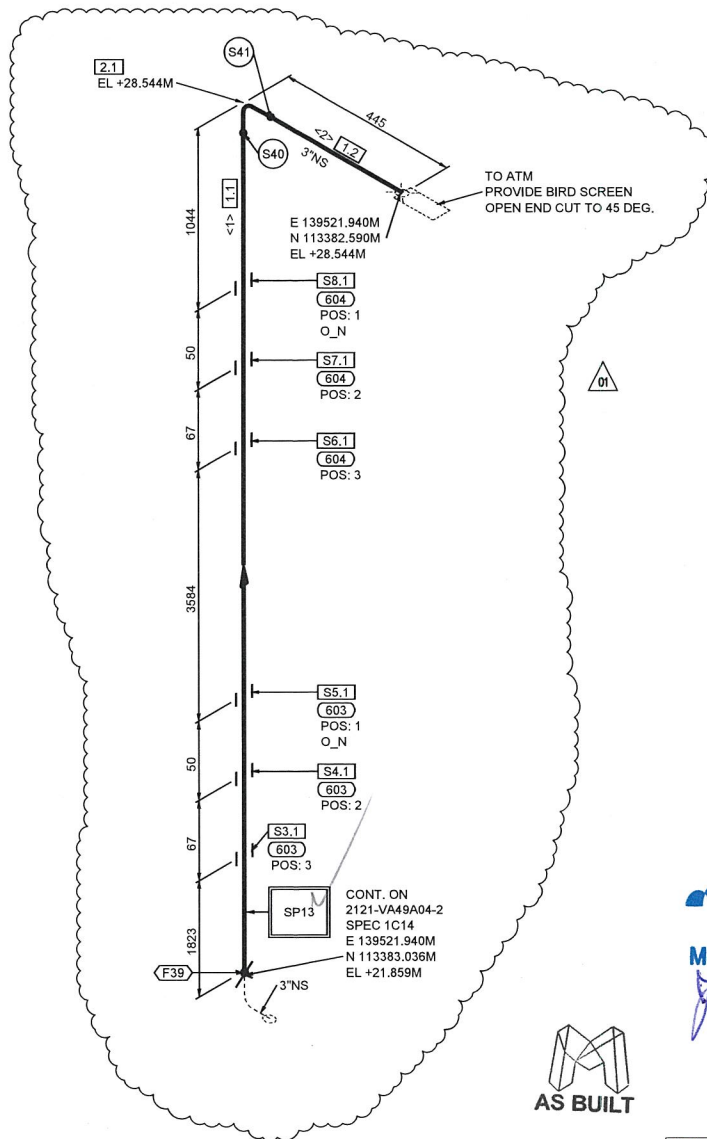
05/02/2024



REVISION				FLUID CODE: VA				LINE DATA				PIPING ISOMETRIC			
REV	DATE	DESCRIPTION	DRAWN UP	CHKD UP	APP'D	1C14	N/O	E	N	1	19-A-19-000-1-01-00001 sheet 57	Job	EICI	Area	N
01	17-11-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM							4274	XHDL	2121	VA49A04
00	28-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM							UNIT	19	SHEET	3 REV 01
REVISION DESCRIPTION				DRAWN UP				CHKD UP				APP'D			

IDENTIFICATION CODE				PIPING ISOMETRIC			
Job	EICI	Area	N	Job	EICI	Area	N
4274	XHDL	2121	VA49A04	Job	EICI	Area	N
UNIT	19	SHEET	3 REV 01	Job	EICI	Area	N
PIPING ISOMETRIC				PIPING ISOMETRIC			
PIPING ISOMETRIC				PIPING ISOMETRIC			

ALL DIMENSION AND PROPER CONFIGURATION FOR LINES 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 FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L-10-0000-00001





TECNIMONT
Pinto Joaquim
Mechanical Piping Spv.
Joaquim Pinto
05/02/2024



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

JOINT TYPE	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT	ISOL TYPE OF JOINT
SW	B	SW	B	LET	LET	BOF	B	BOF	B
FW	B	FW	B	LP	RF	BOF	B	BOF	B
LA	RF	BLW	B	MTW	M	THD	TH		

 MECUIDE ENGINEERING CHALLENGES	Prep:	TG	PROC. NR:	PCL 22635
	Status:	IPC	Date:	17-11-2023 Rev:
Dimensional:			Signature:	
Before Welding	06/12/23			
After Welding	07/12/23			
* Assinalate deviation in the drawings (* n" or " n").				
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)				

MIR01

BILL OF MATERIALS				
FABRICATION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806).	3	I117921	6.9 M
2	FITTINGS 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <BOLA200F33STD> (L-7955).	3	I128599	1
ERECTION MATERIALS				
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
3	SUPPORTS			
4	WELDED BRACKET TO STRUCT. SB04 HEA140	3	603	1
5	PIPING SUPPORT - BEAMS- BE01 L100X10	3	603	1
6	U BOLT (FOR GUIDE)-P02D	3	603	1
7	WELDED BRACKET TO STRUCT. SB04 HEA140	3	604	1
8	PIPING SUPPORT - BEAMS- BE01 L100X10	3	604	1
9	U BOLT (FOR GUIDE)-P02D	3	604	1
CUT LIST				
PIECE NO	LENGTH (MM)	SIZE (IN)	WELD NO	WELD CAT.
<1>	6668	3"	F39	F
<2>	428	3"	S40	S
			S41	S
WELD LIST				
WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE	BOLT NO
F39	F	3"	BW	
S40	S	3"	BW	
S41	S	3"	BW	
BOLT LIST				
BOLT NO	FLANGE SIZE(IN)	SIZE (IN)	LENGTH (MM)	
INCH METER				
PIPE NS (IN)	CL LENGTH (M)			
3	7.1			
ISOMETRIC NO. 4274-SP-XH-DL-2121-VA49A04-3-ISO1				
SPOOLING REV NO. 01				