

 TECNIMONT Tecnimont S.p.A.	 REPSOL 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-310-000130_RFI2405_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000130_RFI2405 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

1121-PJW23006-2-SP07;1121-PJW23006-2-SP08;1121-PJW23006-2-SP09-ZZ;2121-VA40B01-1-SP02;2121-VA40B01-1-SP01;2211-WW70B01-1-SP02;2211-WW70B01-1-SP01;2211-CWS91J07-3-SP06;2211-CWS91J07-3-SP05;2211-CWR91K05-3-SP03;2211-CWR91K05-3-SP02;2211-WW70B01-2-SP07;2211-WW70B01-2-SP06;2211-WW70B01-2-SP05;2211-WW70B01-2-SP04-ZZ;2211-WW70B01-1-SP03;1121-PJW23006-1-SP12;1121-PJW23006-1-SP11;1121-PJW23006-1-SP10

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
 15/05/2024

 TECNIMONT

I.D. Poliforescu R
 NWI W

15/05/2024

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	15/05/2024	Patricia Texeira	<i>Patricia Texeira</i>	
CONTRACTOR				
COMPANY				
(Free)				



ISO Summary List

22635 / 1370
Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40B01-1**

Revision **01**

Priority **2**

Piping Size/Class **24-B4S2**

PED Category **I**

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
09	01	S02	SIB 24" PIPE - A106-B BE SMLS 8" PIPE - A106-B BE SMLS	653 21	03800195Y 23302455	G2305003-05 23310550	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_SBR	12/02/2024 S260	VT-M-034	MT: MT-I-070-A						
10	01	S03	PAD 8" PIPE - A106-B BE SMLS REINFORCED	21	23302455 03800195Y	23310550 G2305003-05	20:Eletrodo SBX2612148	MW.21_FW	13/02/2024 S260	VT-M-035	MT: MT-I-071-A			PN-M-0129			
11	01	S05	BW 24" STRAIGHT TEE ASME B16.9 A234-WPB BE 24" PIPE - A106-B BE SMLS	270 653	946147 03800195Y	CE23007064_3.1_01 G2305003-05	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	13/02/2024 S260	VT-M-035							
12	01	S06	BW 24" STRAIGHT TEE ASME B16.9 A234-WPB BE 24x16" ECCENTRIC REDUCER ASME B16.9 A23	270 279	946147 937184	CE23007064_3.1_01 CE23006972_3.1_01	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	13/02/2024 S260	VT-M-035							
13	01	S07	BW 24x16" ECCENTRIC REDUCER ASME B16.9 A23 16x8" ECCENTRIC REDUCER ASME B16.9 A234	279 233	937184 920312	CE23006972_3.1_01 CE23007098_3.1_01	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	13/02/2024 S260	VT-M-035							
14	02	S10	BW 16x8" ECCENTRIC REDUCER ASME B16.9 A234 24x16" ECCENTRIC REDUCER ASME B16.9 A23	233 279	920312 937184	CE23007098_3.1_01 CE23006972_3.1_01	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	12/02/2024 S286	VT-M-034							
15	02	S11	BW 8" PIPE - A106-B BE SMLS 16x8" ECCENTRIC REDUCER ASME B16.9 A234	21 233	23302455 920312	23310550 CE23007098_3.1_01	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	12/02/2024 S286	VT-M-034							
16	02	S12	BW 8" 90 LR ELBOW ASME B16.9 A234-WPB BE S 8" PIPE - A106-B BE SMLS	561 21	220109 23302455	CE23004155_3.1_01 23310550	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	12/02/2024 S286	VT-M-034							
17	02	S13	BW 8" PIPE - A106-B BE SMLS 8" 90 LR ELBOW ASME B16.9 A234-WPB BE S	21 561	23302455 220109	23310550 CE23004155_3.1_01	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	12/02/2024 S286	VT-M-034							
18	02	S14	OL 8" PIPE - A106-B BE SMLS 8x.75" REDUCING SOCKOLET MSS SP-97 3000	21 425	23302455 244301	23310550 CE2022/1596	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_SBR	13/02/2024 S286	VT-M-035	MT: MT-I-071-A						
19	02	S19	BW 8" 90 LR ELBOW ASME B16.9 A234-WPB BE S 8" PIPE - A106-B BE SMLS	561 21	220109 23302455	CE23004155_3.1_01 23310550	17:Vareta - PVX4010501 20:Eletrodo - SBX2612148	MW.21_BW	12/02/2024 S286	VT-M-034							
20	01	S38M	PAD 24" PIPE - A106-B BE SMLS REINFORCED	653	03800195Y	G2305003-05	20:Eletrodo SBX2612148	MW.21_FW	13/02/2024 S260	VT-M-035	MT: MT-I-071-A			PN-M-0129			

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 Texeira*

Date: *14/05/2024*

Sign: *Patricia Texeira* 

APPROVED by Client

Name:  **TECNIMONT**

Date: *I.D. Polifronescu R*

Sign: *15/05/2024* 

APPROVED by 3rd party or AI

Name:

Date:

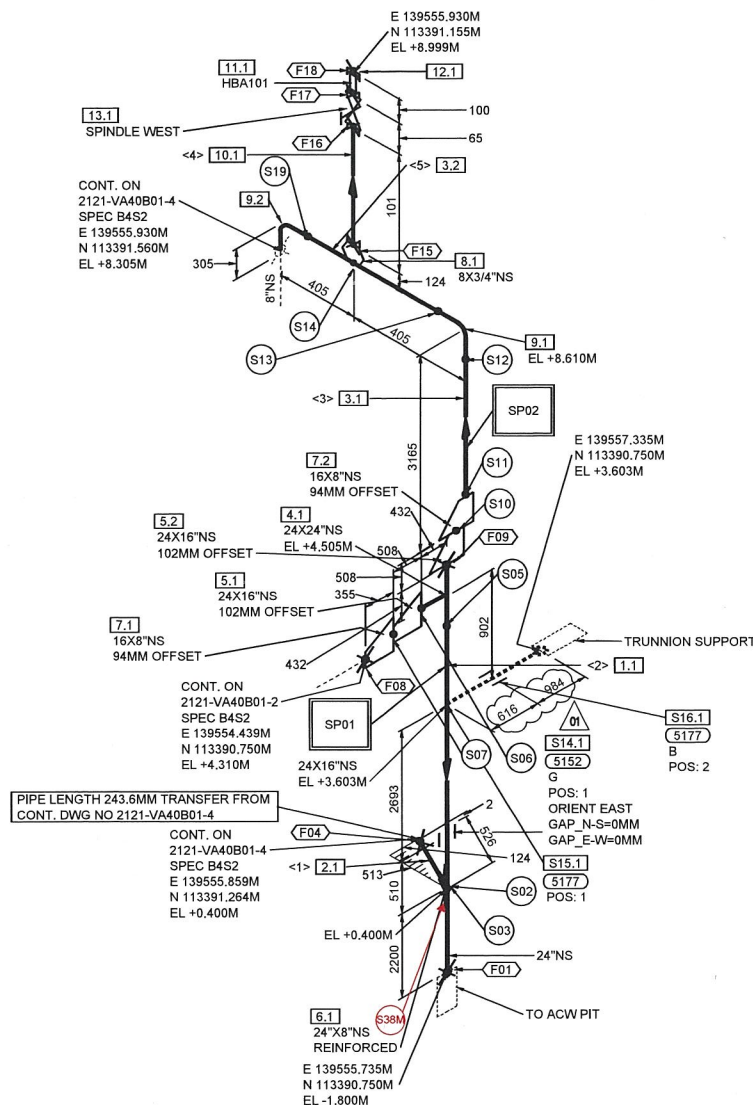
Sign:



FLUID CODE: VA				LINE DATA			
				LINE NO. 24"-VA-40B01-B4S2			
01	20-11-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		
00	22-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APP'D	P&ID No.	
						19-A-19-000-1-01-00001 sheet 30	

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		Job	Area	N	
				2474	XHDL	2121	VA40B01
				UNIT	19	SHEET	1 REV 01
PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY		PIPING STANDARD SUPPORT SUMMARY	
PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION		WELDING SPECIFICATION	
19-L-19-000-2-00-86168 sheet 1		XH-LD-21210001		XH-SG-00000002		XH-LP-00000001	
				XH-SL-00000002		XH-SW-00000001	

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 IN-LINE COMPONENT MUST BE LEFT. GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER SPECIFICATION 4048-XH-SG-0000000004 FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4048-XH-L-10-0000-00001



TECNIMONT
Pinto Joaquim
 Mechanical Piping Spv.
Joaquim Pinto
 15/05/2024



BILL OF MATERIALS

FABRICATION MATERIALS					
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B124STD> (L-7808).	24	I117907	5.9 M	
2	PIPE - A106-B BE SMLS T01AC03V02 S-20 <PIPA010B1820> (L-8210)	8	I117989	0.3 M	
3	PIPE - A106-B BE SMLS T01AC03V02 S-20 <PIPA010B1820> (L-8210).	8	I117989	2.7 M	
4	STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD <TEBA200F326152615> (L-6955).	24X24	I129150	1	
5	ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-20 <ERE200F326152210> (L-8276).	24X16	I425981	2	
6	REINFORCED BRANCH 90 DEGREES < > (L-8276).	24X8	A1Y90	1	
7	ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-20 S-20 <ERE200F322101810> (L-8276).	16X8	I127716	2	
8	REDUCING SOCKLETT MSS-SP-97 3000# A105N BE SWE - R13DCN44V101 NREQD <SOKA300LB01811> (L-343).	8X3/4	I1651372	1	
9	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-20 <90LA200F3820> (L-8268).	8	I128675	2	

ERECTION MATERIALS					
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
10	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A134XS> (L-6679).	3/4	I132785	0.1 M	
11	NIPPLE - A106-B PE MTE SMLS LENGTH 100mm R03ACQ03ZWD4 S-XS <NTOAD10E1111624> (L-7888).	3/4	I2221184	1	
12	CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CAPA300KBK34> (L-79).	3/4	I1651686	1	
13	VALVES / IN-LINE ITEMS GATE VALVE API 602 800# A105N SWE SWE 8-F6HF API 602 B72H BB-OS&Y SOW API 602 HW V01GIC441123 NREQD <G63_4L-7855> (L-7855).	3/4	I1651728	1	
14	SUPPORTS WELDED GUIDE-C3G2 H = 100 L = 300	24	5152	1	
15	WELDED EXTENSIONS-EW05 DN2 = 16 L = 1600	24	5177	1	
16	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	16	5177	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>	242	8"	F01	F	24"	BW				
<2>	242	24"	S02	S	8"	SIB				
<3>	2501	8"	S03	S	8"	PAD				
<4>	100	3/4"	F04	F	8"	BW				
<5>	196	8"	S05	S	24"	BW				
			S06	S	24"	BW				
			S07	S	16"	BW				
			F08	F	8"	BW				
			F09	F	24"	BW				
			S10	S	16"	BW				
			S11	S	8"	BW				
			S12	S	8"	BW				
			S13	S	8"	BW				
			S14	S	3/4"	OL				
			F15	F	3/4"	SW				
			F16	F	3/4"	SW				
			F17	F	3/4"	SW				
			F18	F	3/4"	THD				
			S19	S	8"	BW				
			S38M	S	24"	PAD				

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

LEGEND	JOINT TYPE	ISO TYPE OF JOINT	JOINT TYPE	ISO TYPE OF JOINT	JOINT TYPE	ISO TYPE OF JOINT	JOINT TYPE	ISO TYPE OF JOINT
BW	G	SW	B	LET	LET	SOB	B	
FW	S	SW	B	LP	RF	SOB	B	
LA	RF	SW	B	MTW	M	THD	TH	

MECOWDE		Prep:	TG	PROC. NR:	PCL 22635
Dimensional:		Status:	IFC	Date:	20-11-2023
Before Welding:		Signature:		Rev:	01
After Welding:		Signature:			
* Asinolate deviation in the drawings ("n" or "n").					
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)					