

 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-310-000026_RFI671 MOD-ITP-XL_220
		RFI Nr.: 671	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000026_RFI671 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VZ40P01-3-SP01;2121-VG40Z03-2-SP01-ZZ;2121-VG40P14-1-SP03;2121-VG40P14-1-SP02;2121-VG40P14-1-SP01;2121-VA49A07-1-SP01;2121-VA40Y02-1-SP02;2121-VA40Y02-1-SP01;2121-VA40U10-2-SP02;2121-VA40U10-1-SP01;2121-VA40U02-2-SP03;2121-VA40U02-2-SP02;2121-VA40U02-1-SP01;2121-MOD40Z24-1-SP01;2121-LPN91S10-1-SP04;2121-LPN91S10-1-SP03;2121-LPN91S10-1-SP02;2121-LPN91S10-1-SP01;2121-CWS91J51-2-SP03;2121-CWS91J51-2-SP02;2121-CWR40B12-2-SP04;2121-CWR40B12-2-SP03;2121-CWR40B12-2-SP02;2121-CWR40B12-1-SP01;2121-CWR40B06-2-SP01;2121-CWR40B06-1-SP03;2121-CWR40B06-1-SP02-ZZ;2121-CWR40B04-1-SP04;2121-CWR40B04-1-SP03;2121-CWR40B04-1-SP02;2121-CWR40B04-1-SP01;2121-CWR40B01-1-SP02;2121-CWR40B01-1-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"


L.Gomes
NW
R
W
18/12/2023

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	18/12/2023	Patricia Texeira	Patricia Texeira	
CONTRACTOR	18/12/2023	João Paulo Pinto	João Paulo Pinto	
COMPANY				
(Free)				


Piping SUBC TEN

ISO Summary List

22635 / 1222

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-CWR40B06-2** ✓

Revision **00**

Priority **6**

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

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	F06	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3.1_01											
			3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546											
02	S05	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	5 Varela	MW.20_BW	19/10/2023	VT-I-052							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3.1_01	PVX1312824		S138								
03	S04	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3.1_01	5 Varela	MW.20_BW	17/10/2023	VT-I-050							
			3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	PVX1312824		S138								
04	S03	BW	3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	5 Varela	MW.20_BW	17/10/2023	VT-I-050							
			3" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	228	215148 ✓	CE23002054_3.1_01	PVX1312824		S138								
05	S02	BW	3x2" ECCENTRIC REDUCER ASME B16.9 A234- ✓	541	88166 ✓	CE23008046_3.1_01	5 Varela	MW.20_BW	17/10/2023	VT-I-050							
			3" PIPE - A106-B BE SMLS ✓	17	23211709 ✓	23310546	PVX1312824		S138								
06	S01	BW	2x2" WN FLANGE ASME B16.5 150# A105N RF ✓	36	70HC22 ✓	224878	5 Varela	MW.20_BW	17/10/2023	VT-I-050							
			3x2" ECCENTRIC REDUCER ASME B16.9 A234- ✓	541	88166 ✓	CE23008046_3.1_01	PVX1312824		S138								

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: *18/12/2023*

Sign: *Patricia Teixeira*

QC

APPROVED by Client

Name: **TECNIMONT**

Date: *L. Gomes*

Sign: *L. Gomes*
18/12/2023

APPROVED by 3rd party or AI

Name:

Date:

Sign:



LINE DATA									
FLUID CODE: CWR					LINE NO. 3"-CWR-40B06-B-1				
PIPING MATERIAL CLASS		INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.			
B-1		N / O	E	N	1	19-A-19-000-1-01-00001 sheet 298			
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APPD				
00	10-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM				

Technimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX	CLIENT REF: REPSOL POLYMEROS	Job	ETC	Area	N		
		4274	XHDL	2121	CWR40B06		
		UNIT	19	SHEET	2	REV	00
PIPING ASSEMBLY DRAWING: 19-L-19-000-2-00-86192 sheet 1		PIPING SUPPORT SPECIFICATION: XH-SG-000000002	PIPING STANDARD SUPPORT SUMMARY: XH-LP-000000001		E C T N		
PIPING ISOMETRIC LIST: XH-LD-212100001		PIPING TYPICAL INSTALLATIONS: XH-SL-000000002	WELDING SPECIFICATION: XH-SW-000000001		E C T N		

BILL OF MATERIALS

FABRICATION MATERIALS

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806), FITTINGS	3	117921	8.1 M	
2	ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD <EREA200F315151415> (L-7959), 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7959), ELANGES	3X2	1128082	1	
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7959), ELANGES	3	1128599	2	
4	WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R153STD> (L-149).	2	15355795	1	

ERECTION MATERIALS

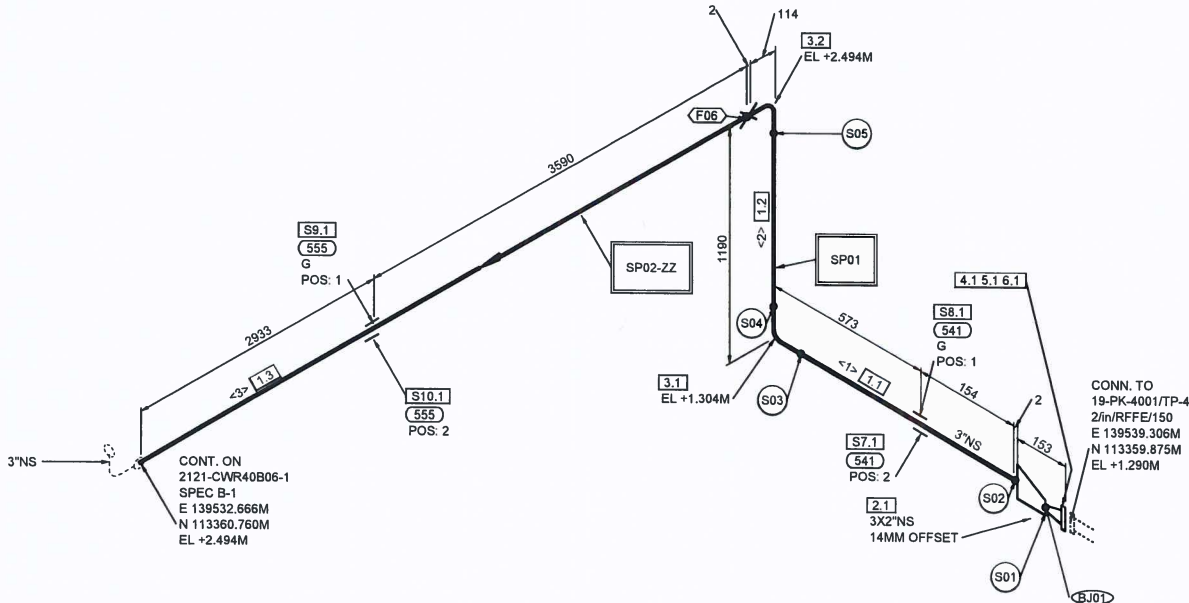
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
5	GASKETS FLAT RING GASKET ASME B16.21 150# RFTBE NA/ARAMIDIC/NBR ASME B16.5 G02HDP2QR01 <NMGQ009R1FC2> (L-NMG11)	2	11169030	1	
6	BOLTS STUD BOLTS&NUTS ASME B18.3.1/2 B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 85 mm Length	5/8	153437429	4	
7	SUPPORTS STAKES SUPPORTS ST10 HEA100	3	541	1	
8	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	541	1	
9	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	555	1	
10	WELDED BRACKET TO STRUCT. SB04 HEA120	3	555	1	

CUT 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>	611	3"	S01	S	2"	BW	BJ01	2"	5/8"	85
<2>	958	3"	S02	S	3"	BW				
<3>	6524	3"	S03	S	3"	BW				
			S04	S	3"	BW				
			S05	S	3"	BW				
			F06	F	3"	BW				

INCH METER	
PIPE NS (IN)	CL LENGTH (M)
3	85
2	02

ISOMETRIC NO 4274-SP-XH-DL-2121-CWR40B06-2-IS00		SPOOLING REV NO. 00
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JOAQUIM PINTO
PIPING SUP. TEN
joaquim pinto 18/12/2023




AUTHORISED FOR CONSTRUCTION

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

LEGENDS

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	BW	B	LET	LET	BOB	B
PW	B	GB	B	LP	RF	BOF	B
LA	RF	BLW	G	MTW	M	THD	TH

 MECOWIDE <small>CONSTRUÇÃO E MANUTENÇÃO</small>	Prep.: TG	PROC. NR: PCL 22635
	Status: IFC	Date: 10-08-2023 Rev.
Dimensional:	Signature:	
Before Welding	6/10/2023	
After Welding	19/10/2023	
* Assinalate 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