

 TECNIMONT Tecnimont S.p.A.	 REPSOL 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-310-000022_MOD-ITP-XL_220 RFI Nr.: 554	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000022 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:




2121-FL41C01-3-SP05;2121-FL41C01-3-SP04;2121-FL41B02-2-SP05;2121-FL41B02-2-SP04;2121-FL41B02-2-SP03;2121-FL41B02-1-SP02;2121-FL41B02-1-SP01;2121-FL41A01-3-SP04;2121-FL41A01-3-SP03;2121-CWS91J51-1-SP01;2121-VA40E02-3-SP04;2121-VA40E02-3-SP03;2121-VA40E02-2-SP02;2121-VA40E02-1-SP01;2121-VA40E01-3-SP04;2121-VA40E01-3-SP03;2121-VA40E01-2-SP02;2121-VA40E01-1-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 NWI		 JOAQUIM PINTO PIPING SOP Joaquim Pinto		
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	30/11/2023	Patricia Texeira	Patricia Texeira	OC
CONTRACTOR	30/11/2023	Luis Gomes	Luis Gomes	
COMPANY				
(Free)				

ISO Summary List

22635 / 1779

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Client TECNIMONT/REPSOL

Job # 22635

% RT/UT

Local Portugal

Project 4274 ALBA-I007 Piping Fabrication

% PT/MT

ISO # 2121-FL41B02-1

Revision 00

Priority 6

Piping Size/Class 3-B32S1

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
01	S02	BW	3x2" ECCENTRIC REDUCER ASME B16.9 A420- 3" PIPE - A333-6 BE SMLS	89	712411	CE23005051_3 1_01	6 Varela F	MW.23_BW	10/10/2023	VT-I-044							
02	S03	BW	3" PIPE - A333-6 BE SMLS	125	23102062	23503488	PVX2210111	MW.23_BW	10/10/2023	VT-I-044							
05	S05	BW	3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE 3" PIPE - A333-6 BE SMLS	349	793850	CE23002033_3 1_01	6 Varela F	MW.23_BW	10/10/2023	VT-I-044							
06	S01	BW	3" 90 LR ELBOW ASME B16.9 A420-WPL6 BE 2x2" WN FLANGE ASME B16.5 150# A350-LF2 3x2" ECCENTRIC REDUCER ASME B16.9 A420-	125	23102062	23503488	6 Varela F	MW.23_BW	10/10/2023	VT-I-044		RT: RT-I-0224					
				349	793850	CE23002033_3 1_01	PVX2210111										
				36	70HC22	224878	6 Varela F	MW.23_BW	10/10/2023	VT-I-044							
				89	712411	CE23005051_3 1_01	PVX2210111										

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: 30/11/2023

Sign: Patricia Teixeira

APPROVED by Client

Name: L. Gomes

Date: 30/11/2023

Sign: L. Gomes

APPROVED by 3rd party or AI

Name:

Date:

Sign:



REVISION				LINE DATA				FLUID CODE: FL				LINE NO 3"-FL-41B02-B32S1			
REV	DATE	DESCRIPTION		PIPING MATERIAL CLASS	INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	PAID No.						
00	06-09-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM										
			DRAWN UP	CHKD UP	APP'D										

IDENTIFICATION CODE				PIPING ISOMETRIC				PLANT: SINES INDUSTRIAL COMPLEX				CLIENT REF: REPSOL POLYMERS			
Job	ETC	Area	N	UNIT	19	SHEET	1	REV	00						
4274	XHDL	2121	FL41B02												

BILL OF MATERIALS				ERECTION MATERIALS			
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD		

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
1	PIPE - A333-6 BE SMLS T01AC22V02 S-STD <PIPL020B13STD> (L-8199)	3	I146278	2.2 M	
2	ECCENTRIC REDUCER ASME B16.9 A420-WPL6 BE SMLS C22DC09V01 S-STD 3X2 S-STD <EREL210F315151415> (L-8238)	3	I213207	1	
3	90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> (L-7966)	3	I213645	2	
4	WN FLANGE ASME B16.5 150# A304-LF2 Class 1 RFFE BE 125 - 250 AARH F01C0C07BV05 S-STD <WNFL300R152STD> (L-7971)	2	I140779	1	

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
5	FLAT RING GASKET ASME B16.21 150# RFTBE NA/CARBON/NBR ASME B16.5 G02HDP2QS01 <NMGG102R1F2> (L-NMG17)	2	I1169081	1	
6	STUD BOLTS&NUTS ASME B18.31.2 B18.2.2 A320-L7A194-7 INCH SIZE K10B5301 <SB2R55G5831.2> - 2 NUTS PER BOLT - 85 mm Length	5/8	I55705048	4	
7	PIPING SUPPORT - BEAMS- BE03 HEA120	3	5091	1	
8	STAKES SUPPORTS ST05 HEA120	3	5091	1	
9	WELDED ANCHOR <C1B1 H = 100 L = 120	3	5091	1	
10	WELDED EXTENSIONS-EW05 DN2 = 2 L = 300	3	5209	1	
11	PIPING SUPPORT - BEAMS- BE03 HEA100	3	5209	1	
12	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	5209	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)
<1>	663	3"	S01	S	2"	BW	BJ01	2"
<2>	1466	3"	S02	S	3"	BW		
			S03	S	3"	BW		
			F04	F	3"	BW		
			SF01	F	3"	FT		
			S05	S	3"	BW		

AUTHORISED FOR CONSTRUCTION

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

JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE	JOINT TYPE	PIPE TYPE
BM	Q	SW	B	LET	LET	DOB	B		
FW	B	SW	B	LP	RP	BOF	B		
LA	RP	BLW	B	MTW	M	THD	TH		

TECNIMONT
JOAQUIM PINTO
PIPING SUP.
Joaquim Pinto
AS BUILT

MECOWIDE		TG	PROC. NR.	PCL 22635
Dimensional:	Before Welding:	9/10/2023	Signature:	
	After Welding:	10/10/2023	Signature:	
* Assumate deviation in the drawings ("n" or "n")				
Autocontrol (issuall) registered in the Welder Production Sheet in the field of observations (Autocontrol OK)				

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 4046-XH-L-10-0000-00000. FOR LINE DATA AND TESTING CONDITIONS REFER TO LINE LIST 4046-XH-L-10-0000-00001

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

ISOMETRIC NO. 4274-SP-XH-DL-2121-FL41B02-1-IS00

SPOOLING REV NO. 00