

 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-310-000013_MOD-ITP-XL_220 RFI Nr.: 373	Date: 31/10/2023
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000013 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-LPN49A01-1-SP01;7111-FW68A88-15-SP35;7111-FW68A88-15-SP34;2211-CWS91J49-2-SP01;7111-CWS91J01-1-SP01;7111-CWS64006-1-SP11;7111-CWS64006-1-SP01;7111-FL50E06-1-SP01;7111-N91M25-1-SP01;1111-JWR64041-1-SP02;1111-JWR64041-1-SP01;1111-OG53001-3-SP05;1121-CHWR21009-1-SP02;1121-CHWR21009-1-SP01;1121-PJW23006-4-SP13;1121-PJW23006-4-SP02;1121-PJW23006-4-SP01;1121-VA40002-1-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"


 JOAQUIM PINTO
 PIPING SUP.
 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	30/10/2023	Patricia Teixeira	Patricia Teixeira		
CONTRACTOR	30/10/2023	Luis Gomes	Luis Gomes		
COMPANY					
(Free)					


 L. Gomes
 NWI

R
 W

ISO Summary List

22635 / 1474

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-LPN49A01-1**

Revision **00**

Priority **6**

Piping Size/Class **2-1C13**

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	Repair 1	Repair 2
01	S01	BW	2x2" WN FLANGE ASME B16.5 150# A105N RF 2x1" ECCENTRIC SWAGE MSS SP-95 - A234-W	36 427	70HC22 25217	224878 CE/2023/79	5-Varela PVX1312824	MW.20_BW	21/09/2023 S71	VT-I-031		RT: RT-I-0145					

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: *Patricio Texeira*

Date: *31/10/2023*

Sign: *Patricio Texeira*

QC

APPROVED by Client

Name: **TECNIMONT**

Date: **L.Gomes**

Sign: *L.Gomes*

31/10/2023


APPROVED by 3rd party or AI

Name:

Date:




Sign:



 Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE					
				Job	E C T	Area	N		
				4274	XHDL	2121	LPN49A01		
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMEROS		UNIT	19	SHEET	1	REV	00
REFERENCES	PIPING ASSEMBLY DRAWING		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY				
	E C T N 19-L-19-000-2-00-86196 sheet 1		E C T N XH-SG-00000002		E C T N XH-LP-00000001				
	PIPING ISOMETRIC LIST		PIPING TYPICAL INSTALLATIONS		WELDING SPECIFICATION				
	E C T N XH-LD-21210001		E C T N XH-SL-00000002		E C T N XH-SW-00000001				



ERECTION MATERIALS					
PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
	<u>PIPE</u>				
3	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA10A11XS> (L-6679)	1	I132793	0.2 M	
	<u>FITTINGS</u>				
4	REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD <RTEA300KBK13/4> (L-RTE15)	1X3/4	I1651305	1	
	<u>FLANGES</u>				
5	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFCA4B105 S-XS <SWFA300R351XS> (L-375)	1	I4217823	1	
	<u>GASKETS</u>				
6	SPIRAL WOUND GASKET ASME B16.20 150# RFFE 304/PTFE CARBON STEEL SS 304 ASME B16.5 G03GDB1G12 <SPAQ505R1EA2> (L-SPA04)	2	I2230484	1	
	<u>VALVES / IN-LINE ITEMS</u>				
7	DISC CHECK WFR VALVE ASME B16.34 150# A216-WCB RFTBE 316/R-PTFE, GF 125 - 250 AARH SL VERTICAL&HORIZONTAL CRACK. PRESS. 1/2 PSI ASME B16.5 V40JDC29P01 NREQD <N/A> (N/A)	2	I10016150	1	

 MECWISE ENGINEERING CHALLENGES	Prep.:	TG	PROC. NR.:	PCL 22635	
	Status:	IFC	Date:	28-08-2023	Rev:
Dimensional:		Signature:			
Before Welding	20/9/2023 				
After Welding	21/9/2023 				
* Assinalate deviation in the drawings (" + n°" or " - n°").					
Autocontrol (visual) registered in the Welder Production Sheet in the field of observations (Autocontrolo OK)					

LEGENDS							
JOINT TYPE	HMEL TYPE OF JOINT	JOINT TYPE	HMEL TYPE OF JOINT	JOINT TYPE	HMEL TYPE OF JOINT	JOINT TYPE	HMEL TYPE OF JOINT
BW	G	SW	S	LET	LET	SOB	B
FW	S	SIB	B	LF	RF	SOF	S
L4	RF	SLW	S	MTW	M	THD	TH

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