

 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-310-000017_MOD-ITP-XL_220
		RFI Nr.: 396	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000017 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

1211-CWS89032-1-SP04;1211-CWS89032-1-SP03;1211-FW68J01-4-SP08;1211-FW68J01-4-SP07;1211-VA40B02-2-SP04;1211-VA40B02-2-SP03;1211-VA40B02-1-SP02;1211-VA40B02-1-SP01;1211-MS91A01-1-SP13;1211-MS91A01-1-SP12;1211-MS91A01-1-SP11;1211-VG40N11-2-SP10;1211-VG40N11-2-SP09;1211-VG40N11-1-SP02;1211-VG40N11-1-SP01;1211-VA49A08-1-SP01;1211-VA49A05-3-SP05;1211-VA40Z10-1-SP01;1211-VA40Y02-3-SP07;1211-VA40Y02-3-SP06;1211-VA40Y02-2-SP05;1211-VA40Y02-2-SP04;1211-VA40Y02-2-SP03;1211-VA40U05-1-SP01;1211-VA40P04-1-SP01;1211-CWS64009-1-SP01;1211-PA89021-6-SP14;1211-PA89021-6-SP13;1211-N89001-6-SP12;1211-N00D01-1-SP01;1211-BDL43019-6-SP06;1211-BDL43019-6-SP05;1211-BDL43019-3-SP01;1211-BDL31031-3-SP05;1211-JWR64002-1-SP02;1211-JWR64002-1-SP01;1211-JWR40005-1-SP02;1211-JWR40005-1-SP01;1211-PN52015-2-SP01

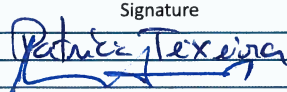
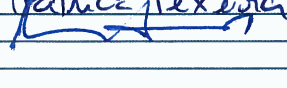
NOTES (*): 4274-XH-PQ-00000001

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
Joaoquin 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	09-11-2023	Patricia Teixeira			
CONTRACTOR	09-11-2023	Luiz Gomes			
COMPANY					
(Free)					

QC


L. Gomes
NW1

ISO Summary List

22635 / 1254

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-VA40U05-1**

Revision **01**

Priority **6**

Piping Size/Class **3-1C2**

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	S07	BW	3" PIPE - A106-B BE SMLS 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	17 228	23211709 215148	23310546 CE23002054_3_1_01	5Vareta PVX1312824	MW.20_BW	17/10/2023 S281	VT-I-050		RT: RT-I-0202					
02	S06	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S 3" PIPE - A106-B BE SMLS	228 17	215148 23211709	CE23002054_3_1_01 23310546	5Vareta PVX1312824	MW.20_BW	17/10/2023 S281	VT-I-050							
03	S05	BW	3" PIPE - A106-B BE SMLS 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	17 228	23211709 215148	23310546 CE23002054_3_1_01	5Vareta PVX1312824	MW.20_BW	17/10/2023 S281	VT-I-050							
04	S04	BW	3" 90 LR ELBOW ASME B16.9 A234-WPB BE S 3" PIPE - A106-B BE SMLS	228 17	215148 23211709	CE23002054_3_1_01 23310546	5Vareta PVX1312824	MW.20_BW	14/10/2023 S281	VT-I-048							
05	S03	BW	3" PIPE - A106-B BE SMLS 3" 90 LR ELBOW ASME B16.9 A234-WPB BE S	17 228	23211709 215148	23310546 CE23002054_3_1_01	5Vareta PVX1312824	MW.20_BW	14/10/2023 S281	VT-I-048							
07	S02	BW	3x2" ECCENTRIC REDUCER ASME B16.9 A234- 3" PIPE - A106-B BE SMLS	541 17	88166 23211709	CE23008046_3_1_01 23310546	5Vareta PVX1312824	MW.20_BW	14/10/2023 S281	VT-I-048							
08	S01	BW	2x2" WN FLANGE ASME B16.5 150# A105N RF 3x2" ECCENTRIC REDUCER ASME B16.9 A234-	36 541	70HC22 88166	224878 CE23008046_3_1_01	5Vareta PVX1312824	MW.20_BW	14/10/2023 S281	VT-I-048							

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: 
Date: 23
Sign: 

APPROVED by Client

Name: 
Date: L.Gomes 
Sign: 

APPROVED by 3rd party or AI

Name:
Date:
Sign:



FLUID CODE: VA				LINE DATA			
PIPING MATERIAL CLASS				LINE NO. 3"-VA-40U05-1C2			
INSULATION	WELD CLASS	HEAT TREATMENT	PAINTING CODE	P&ID No.			
1C2	N / O	E	N	19-A-19-000-1-01-00001 sheet 48			
REV	DATE	REVISION DESCRIPTION	DRAWN UP	CHKD UP	APPD		
01	10-08-2023	ISSUED FOR CONSTRUCTION	TG	MW	TM		

Tecnimont		PIPING ISOMETRIC		IDENTIFICATION CODE			
PLANT: SINES INDUSTRIAL COMPLEX		CLIENT REF: REPSOL POLYMERCS		Job	Field	Area	N
				4274	XHDL	2121	VA40U05
				UNIT	19	SHEET	1 REV 01
PIPING ISOMETRIC LIST		PIPING SUPPORT SPECIFICATION		PIPING STANDARD SUPPORT SUMMARY		WELDING SPECIFICATION	
XH-LD-21210001		XH-SG-00000002		XH-LP-00000001		XH-SW-00000001	

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

1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806).	3	1117921	4.8 M
2	ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD	3X2	1128082	1
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955).	3	1128599	3
4	WN FLANGE ASME B16.5 150W A105N RFBE BE 125 - 250 AARH F01DC04BV05 S-STD <WNFA300R152STD> (L-149)	2	15355795	1

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
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5	GASKETS SPIRAL WOUND GASKET ASME B16.20 150W RFBE 304/GRAFCOIL CARBON STEEL SS 304 ASME B16.5 G03GDP11S12 <N/A> (N/A)	2	163508906	1
6	BOLTS STUD BOLTS/NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <S82R51G5/831/2> - 2 NUTS PER BOLT - 85 mm Length	5/8	153437429	4
7	SUPPORTS STAKES SUPPORTS ST05 HEA140	3	449	1
8	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	3	449	1
9	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	3	35	1
10	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	35	1

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
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5	GASKETS SPIRAL WOUND GASKET ASME B16.20 150W RFBE 304/GRAFCOIL CARBON STEEL SS 304 ASME B16.5 G03GDP11S12 <N/A> (N/A)	2	163508906	1
6	BOLTS STUD BOLTS/NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <S82R51G5/831/2> - 2 NUTS PER BOLT - 85 mm Length	5/8	153437429	4
7	SUPPORTS STAKES SUPPORTS ST05 HEA140	3	449	1
8	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	3	449	1
9	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	3	35	1
10	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	35	1

PS NO	DESCRIPTION	NS (MM)	ITEM CODE	QTY.
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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)
<1>	682	3"	S01	S	2"	BW	BJ01	2"	5/8"
<2>	1204	3"	S02	S	3"	BW			
<3>	2832	3"	SF01	F	3"	FT			
			S03	S	3"	BW			
			S04	S	3"	BW			
			S05	S	3"	BW			
			S06	S	3"	BW			
			S07	S	3"	BW			

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)
<1>	682	3"	S01	S	2"	BW	BJ01	2"	5/8"
<2>	1204	3"	S02	S	3"	BW			
<3>	2832	3"	SF01	F	3"	FT			
			S03	S	3"	BW			
			S04	S	3"	BW			
			S05	S	3"	BW			
			S06	S	3"	BW			
			S07	S	3"	BW			

INCH METER		CL LENGTH (M)	
PIPE NS (IN)		CL LENGTH (M)	
3		53	
2		02	

ISOMETRIC NO. 4274-SP-XH-DL-2121-VA40U05-1J501 SPOOLING REV NO. 01

