

 TECNIMONT Tecnimont S.p.A.	 REPSOL REPSOL POLIMEROS SA	4274_CONST	
		ALBA PROJECT-PP AND PEL PLANTS	
MOD-ITP-XL_220 Rev.1		RELEASE OF SPOOLS FROM WORKSHOP	Report n° IP-WSR-P-310-000204_RFI3427_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-310-000204_RFI3427 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:


2121-VA40U06-1-SP01;2121-VA40U04-1-SP01;2121-CYG41C03-4-SP03;2121-CYG41D01-1-SP01;2121-CYG41C07-2-SP04;2121-CYG41C07-2-SP03;2121-CYG41B01-1-SP01;2121-CYG41A07-4-SP07;2121-CYG41A07-4-SP06;2121-ET40A07-4-SP07;2121-CYG40B01-14-SP14;2121-CYG40B01-13-SP13;2121-CYG40B01-12-SP12;2121-PE41D02-3-SP12;2121-PE41D02-3-SP11;2121-PE41D02-3-SP10;2121-PE41D02-3-SP09;2121-PE41D02-3-SP08;2121-VRG41B13-3-SP01;2121-CYG40B04-4-SP03;2121-CYG40B04-4-SP02;2121-CYG40B04-4-SP01;2121-PE41D01-1-SP03;2121-CYG41C06-2-SP04;2121-CYG41C06-2-SP03;2121-CWR40B02-4-SP09;2121-CWR40B02-4-SP08

Spool No.	Ready for destination to: P: Painting (1) W: Wrapping F: Field	NDE Class	Check List					
			Visual Inspect	Traceability OK (2)	Pending NDE / PMI (Yes/No/NA)	PWHT / HARDNESS (Yes/No/NA)	Inside Cleaning (3) (Yes/No/NA)	Spool Identified (Yes/No/NA)

Ion Dragos Andrei
16.07.2024
On behalf of TCM

SGS
NoBo 1155
João Kuryla
16/07/2024

REGHEANU ADRIAN
16/07/2024
ON BEHALF OF ROM

LEGEND OF CHECK RESULT	<input checked="" type="checkbox"/> Checked & NOT Accepted	<input checked="" type="checkbox"/> Checked & Accepted	N.A. Not Applicable	Y / N	Purch List Produced
	Date [DD-MMM-YYYY]	Name	Signature		
SUBCONTRACTOR	16/07/2024	Ion Dragos Andrei			
CONTRACTOR					
COMPANY			QC		
(Free)					



ISO Summary List


22635 / 1770
Page 1

Client **TECNIMONT/REPSOL** Job # **22635** % RT/UT
Local **Portugal** Project **4274 ALBA-I007 Piping Fabrication** % PT/MT

ISO # **2121-CYG40B04-4** Revision **00** Priority **2B**
Piping Size/Class **6-1E64** PED Category **III** Assessment **Inspection/Results**

Spool	Weld#	Joint	Product Description	Seq. N.	Heat #	M. Certificate	FM-Dos	WPS	Weld Date/Stamp	VT	NDT-PT/MT	NDT-RT/UT	NDT-PMI/HT	NDT-PN	NDT-FT	Extension	Extension 2
01	S16	BW	6x6" WN FLANGE ASME B16.5 300# A105N RF	37	05HC23 ✓	224987	3. Electrodo - SBX1211788	MW.21_BW	28/05/2024	VT-M-0107		RT: RT-I-0777					
02	S17	BW	6" 90 LR ELBOW ASME B16.9 A234-WPB BE S	521	728333 ✓	CE23004590_3.1.01	17/Varela - PVX4010501	S08	28/05/2024	VT-M-0107		RT: PAUT-I-005					
03	S18	BW	6" PIPE - A106-B BE SMLS	116	2311607 ✓	23503497	3. Electrodo - SBX1211788	MW.21_BW	28/05/2024	VT-M-0107	MT: MT-I-086-A	RT: PAUT-I-005					
04	S19	BW	6x6" WN FLANGE ASME B16.5 300# A105N RF	37	05HC23 ✓	224987	17/Varela - PVX4010501	S08	28/05/2024	VT-M-0108	MT: MT-I-086-A	RT: PAUT-I-005					
05	S20	BW	6" PIPE - A106-B BE SMLS	116	23101232 ✓	23503497	3. Electrodo - SBX1211788	MW.21_BW	28/05/2024	VT-M-0108	MT: MT-I-086-A	RT: PAUT-I-005					
06	S21	BW	6x6" WN FLANGE ASME B16.5 300# A105N RF	37	05HC23 ✓	224987	17/Varela - PVX4010501	S287	27/05/2024	VT-M-0106	MT: MT-I-086-A	RT: RT-I-0828					
07	S22	BW	6" 90 LR ELBOW ASME B16.9 A234-WPB BE S	521	728333 ✓	CE23004590_3.1.01	17/Varela - PVX4010501	MW.21_BW	27/05/2024	VT-M-0106		RT: RT-I-0828					
08	S23	BW	6" PIPE - A106-B BE SMLS	116	23101232 ✓	23503497	3. Electrodo - SBX1211788	MW.21_BW	29/05/2024	VT-M-0106		RT: RT-I-0828					
09	S24	BW	6" 90 LR ELBOW ASME B16.9 A234-WPB BE S	521	728333 ✓	CE23004590_3.1.01	17/Varela - PVX4010501	MW.21_BW	30/05/2024	VT-M-0108		RT: RT-I-0828					
10	S25	BW	6x3" REDUCING 45 LATERAL YH-ST-C09 A234	196	927161 ✓	0012023-85	3. Electrodo - SBX1211788	MW.20_BW	30/05/2024	VT-M-0108		RT: RT-I-0827					
11	S26	BW	3" PIPE - A106-B BE SMLS	CERT. TCM 733038	02-23-22365	02-23-22365	17/Varela - PVX4010501	S287	28/05/2024	VT-M-0110		RT: RT-I-0827					
12	S27	BW	3" 45 LR ELBOW ASME B16.9 A234-WPB BE S	394	215148 ✓	CE23002008_3.1.01	3. Electrodo - SBX1211788	MW.20_BW	03/06/2024	VT-M-0108		RT: RT-I-0827					
13	S28	BW	3" PIPE - A106-B BE SMLS	CERT. TCM 733038	02-23-22365	02-23-22365	17/Varela - PVX4010501	MW.20_BW	29/05/2024	VT-M-0108		RT: RT-I-0827					
14	S29	BW	3x3" WN FLANGE ASME B16.5 300# A105N RF	CERT. TCM 2A08426	BLD-26-0525-005	BLD-26-0525-005	17/Varela - PVX4010501	S287	29/05/2024	VT-M-0108		RT: RT-I-0827					
15	S30	BW	6x3" REDUCING 45 LATERAL YH-ST-C09 A234	196	927161 ✓	0012023-85	3. Electrodo - SBX1211788	MW.20_BW	28/05/2024	VT-M-0107		RT: RT-I-0828					
16	S31	BW	6x3" ECCENTRIC REDUCER ASME B16.9 A234	289	28843 ✓	CE23007000_3.1.01	17/Varela - PVX4010501	MW.20_BW	03/06/2024	VT-M-0110		RT: RT-I-0872					
17	S31	BW	3" PIPE - A106-B BE SMLS	CERT. TCM 733038	02-23-22365	02-23-22365	17/Varela - PVX4010501	S287	27/05/2024	VT-M-0106		RT: RT-I-0827					
18	S31	BW	3x3" WN FLANGE ASME B16.5 300# A105N RF	CERT. TCM 2A08426	BLD-26-0525-005	BLD-26-0525-005	17/Varela - PVX4010501	MW.20_BW	27/05/2024	VT-M-0106		RT: RT-I-0827					

Notes	Remarks	APPROVED QC	APPROVED BY Client	APPROVED by 3rd party or AI
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		Name: <i>Teresa Pinto</i> Date: <i>16/07/2024</i> Sign: <i>[Signature]</i>	Name: <i>2024-12-10</i> Date: <i>16/07/2024</i> Sign: <i>[Signature]</i>	Name: <i>2024-12-10</i> Date: <i>16/07/2024</i> Sign: <i>[Signature]</i>

 WIDE <small>AMPAR Mervén Industrial</small>	Punch List PUNCH LIST	IDENTIFICATION CODE		
	ISO ID: 2121 - CYG40B04 - 4	SHEET 1 / 1	DOC.CLASS 1	ISSUE 01

[illegible]

10n Dragos Andrei
16.07.2024.
On behalf of TCM

LEGHEANU ADRIAN
16/07/2024
ON BEHALF OF TEAM

SUBCONTRACTOR	DATE (dd-Mmm-YYYY)	NAME	SIGNATURE
CONTRACTOR			
COMPANY			
(Free)			

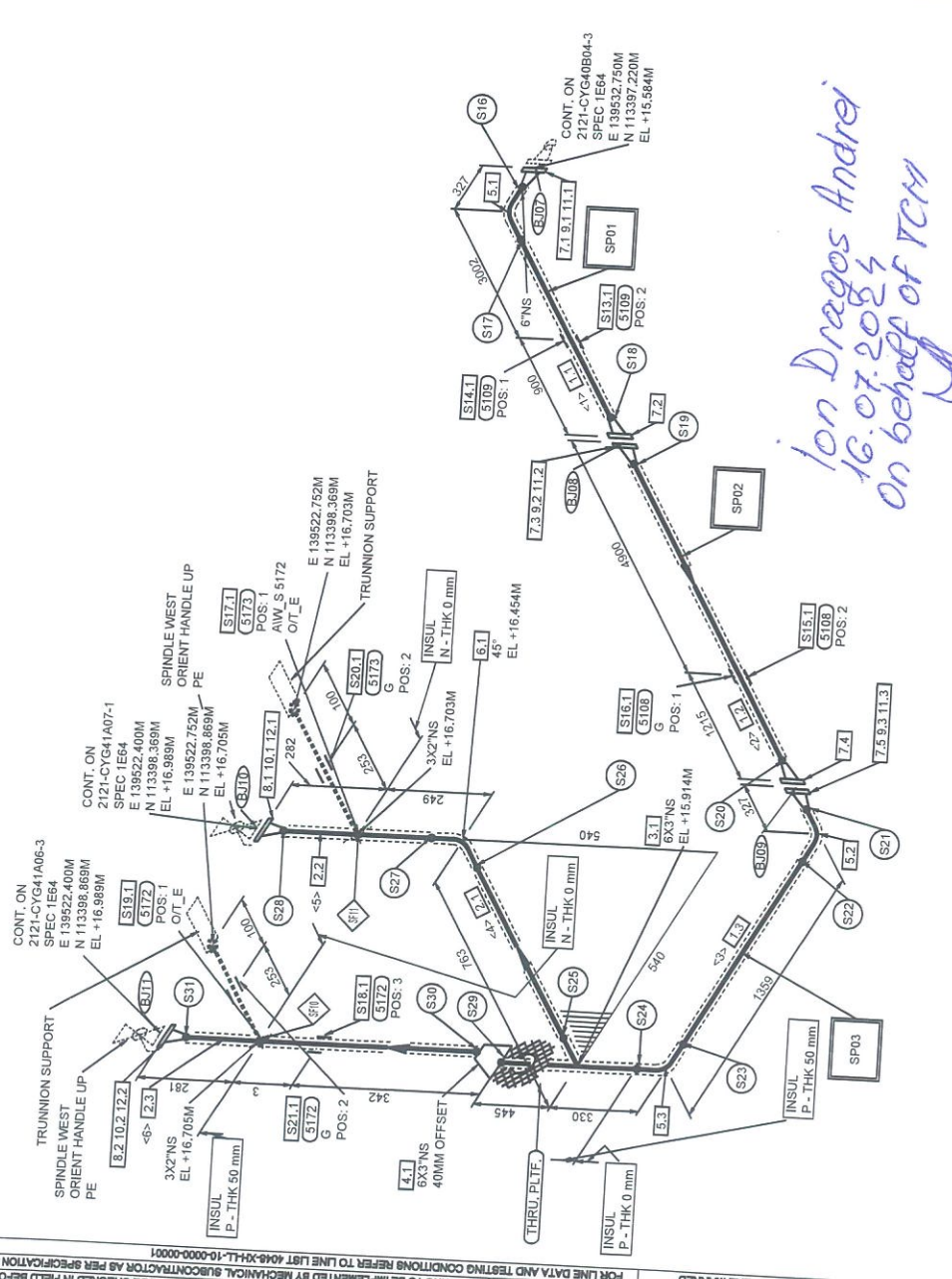
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MIR04

FABRICATION MATERIALS		BILL OF MATERIALS	
ITEM NO	DESCRIPTION	QTY	UNIT
1	PIPE - A106-B BE SMLS TO14C03V02 S-STD -CPIPA010816STD> (L-7006)	6	117961
2	PIPE - A106-B BE SMLS TO14C03V02 S-STD -CPIPA010813STD> (L-7006)	3	117961
3	REDUCING 45 LATERAL YH-STC09 A234-MPB BE - C34C0A0V01 S-STD x (N/A) (N/A)	6X3	10886544
4	ECCENTRIC REDUCER ASME B16.9 A234-MPB BE SMLS C22DC0A0V1 S-STD	6X3	1128342
5	90 L ELBOW ASME B16.9 A234-MPB BE SMLS C01C0A0V01 S-STD	6	1128667
6	90 L ELBOW ASME B16.9 A234-MPB BE SMLS C02DC0A0V1 S-STD	3	1201301
7	WN FLANGE ASME B16.5 300# A1061 RFFE BE 125 - 250 AARRH	6	1427065
8	WN FLANGE ASME B16.5 300# A1061 RFFE BE 125 - 250 AARRH	3	1427853
9	WN FLANGE ASME B16.5 300# A1061 RFFE BE 125 - 250 AARRH	3	1427853

DESCRIPTION	NS (MM)	ITEM CODE	QTY.	HOLD
GASKETS				
SPIRAL WOUND GASKET ASME B16.20 300W RFFE 30MPTFE CARBON STEEL				
SS304 ASME B16.5 G03Q5FB1G12-12SPAQ05GR3E46> (LSP405)	6	I63598782	3	
SPIRAL WOUND GASKET ASME B16.20 300W RFFE 30MPTFE CARBON STEEL				
SS 304 ASME B16.5 G03Q5FB1G12-12SPAQ05GR3E46> (LSP405)	3	I63598783	2	
BOLTS				
STUD BOLT/NUTS ASME B16.3.1/1 B16.2.2 A193-87/A194-2H INCH SIZE				
10F0R0301>SB2R51G3M45> 2 NUTS 1/2" - 125 mm Length	3/4	I53427468	36	
STUD BOLT/NUTS ASME B16.3.1/1 B16.2 1/2" - 125 mm Length				
10F0R0301>SB2R51G3M44/44> 2 NUTS PER BOLT - 110 mm Length	3/4	I53437405	16	
WELDS				
WELDING SHOP WELDED TO STR TR34-HEA120				
ERT, TRESTLES WEL TO STR TR34-HEA120	6	5109	1	
ERT, TRESTLES WEL TO STR TR34-HEA120	6	5109	1	
WELDED EXTENSIONS-EM02 INQ L = 353	6	5108	1	
VERTICAL TRESTLES TR05 HEA100	3	5172	1	
WELDED EXTENSIONS-EM05 DN2 L = 353	3	5172	1	
STANDARD GUIDE FOR NOT INS. PIPING-H1G1	3	5172	1	
STANDARD GUIDE FOR NOT INS. PIPING-H1G1	2	5172	1	

CUT LIST			WELD LIST			BOLT LIST			
LENGTH (MM)	SIZE (IN)	WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE	BOLT NO	FLANGE SIZE(IN)	SIZE (IN)	LENGTH (MM)
3572	6"	S16	S	6"	BW	B107	6"	3/4"	125
5915	6"	S17	S	6"	BW	B108	6"	3/4"	125
6988	6"	S18	S	6"	BW	B109	6"	3/4"	125
264	3"	S19	S	6"	BW	B110	3"	3/4"	110
397	3"	S20	S	6"	BW	B111	3"	3/4"	110
404	3"	S21	S	6"	BW				
		S22	S	6"	BW				
		S23	S	6"	BW				
		S24	S	6"	BW				
		S25	S	3"	BW				
		S26	S	3"	BW				
		S27	S	3"	BW				
		S28	F	3"	FT				
		S29	F	3"	FT				
		S30	S	3"	BW				
		S31	S	3"	BW				
		S32	F	3"	FT				
		S33	S	3"	BW				
						INCH METER			
						PIPE INS (IN)		CL LENGTH (M)	
						6 3		13.6 2.2	
ISOMETRIC NO. 4274-SP-XH-DL-212-CYG4004.4-ISO00						POOLING-VJ.VO. 20			



Ion Dragos Andrei
16.07.2023
On behalf of TCM



M	MECOWIDE <small>COMPONENTS INC.</small>	Prep.	TG	PROD. NR.	PG. 2/2035
		Status	IPC	Date	06/26/2023
Directional:				Signature	Rev. 100
Before Welding			26524	<i>[Signature]</i>	
After Welding			1624	<i>[Signature]</i>	
* Accurately deviation in the drawings $1 \pm n^{\circ}$ and n° . * Accurately deviation registered in the Welder Production Sheet in the field of alterations (documented day)					

Notes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Notes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100