## #1 TECNIMONT



## 4274 CONST

## ALBA PROJECT-PP AND PEL PLANTS



Tecnimont S.p.A.	REPSOL POLIMEROS SA			Ind Type III
MOD-ITP-XL_220 Rev.1	RELEASE OF SPOO	OLS FROM WORKSHOP	Report n° IP-WSR-P-310-0001	187_RFI3231_MOD-ITP-XL_220
			RFI Nr.:	Date :
Unit				
Plant Area				
Isometric Number				
Inspection Package Number	IP-WSR-P-310-0001	87_RFI3231 - IP Spool Rele	ase From Workshop	
				Sheet 01/01
The Present Inspe	ection Package cont	tains the following Flement	ic.	

1111-FW68C08-2-PIPE-03;1111-FW68C08-2-PIPE-01;2121-FW68W31-4-PIPE-01;2121-FW68W31-3-PIPE-06;2121-FW68W32-1-PIPE-01;2121-FW68W30-3-PIPE-01;2121-FW68W24-1-PIPE-03;2121-FW68W24-1-PIPE-01;2121-FW 68W11-4-PIPE-01;2121-FW68W11-3-PIPE-06;1115-FW68C08-1-PIPE-05;1111-FW68C08-2-PIPE-06;1115-FW68K06 -2-PIPE-04;2121-FW68W31-4-PIPE-03;2121-FW68W24-2-PIPE-07;2121-FW68W10-1-PIPE-03;2121-FW68W30-1-P IPE-01;2121-FW68W31-6-PIPE-05;2121-FW68W11-8-PIPE-06;2121-FW68W11-5-PIPE-01;2121-FW68W11-3-PIPE-01;2121-FW68W11-1-PIPE-03;1115-FW68C08-1-PIPE-01;1111-FW68C08-2-PIPE-09;1111-FW68K06-2-PIPE-06:111 1-FW68K06-2-PIPE-03;2121-FW68W24-2-PIPE-04;2121-FW68W24-2-PIPE-03;2121-FW68S07-1-PIPE-02;2121-FW 68S07-1-PIPE-01;2121-FW68W11-7-PIPE-09;2121-FW68W11-6-PIPE-06;2121-FW68W11-1-PIPE-15;2121-FW68W 11-1-PIPE-11;1111-FW68C08-2-PIPE-02;1115-FW68K06-2-PIPE-05;2121-FW68W31-4-PIPE-02;2121-FW68W31-3-PIPE-07;2121-FW68W31-3-PIPE-05;2121-FW68W32-1-PIPE-02;2121-FW68W30-3-PIPE-02;2121-FW68W24-1-PIP E-04;2121-FW68W24-1-PIPE-02;2121-FW68W11-4-PIPE-05;2121-FW68W11-3-PIPE-10;1111-FW68C08-2-PIPE-04; 1115-FW68K06-2-PIPE-02:2121-FW68W31-4-PIPE-05:2121-FW68W24-2-PIPE-05:2121-FW68W10-1-PIPE-01:2121 -FW68W30-1-PIPE-04;2121-FW68W24-1-PIPE-05;2121-FW68W11-8-PIPE-04;2121-FW68W11-6-PIPE-01;2121-FW 68W11-2-PIPE-01;2121-FW68W11-1-PIPE-01;1115-FW68C08-1-PIPE-03;1115-FW68C08-1-PIPE-02;1111-FW68C08 -2-PIPE-08;1111-FW68K06-2-PIPE-05;1111-FW68K06-2-PIPE-04;2121-FW68W24-2-PIPE-02;2121-FW68W24-2-PIP E-01:2121-FW68S07-1-PIPE-05:2121-FW68S07-1-PIPE-03:2121-FW68W33-3-PIPE-02:2121-FW68W11-7-PIPE-05: 2121-FW68W11-7-PIPE-01;2121-FW68W11-1-PIPE-07;2121-FW68W11-1-PIPE-06;1111-FW68C08-2-PIPE-07;1111-FW68C08-2-PIPE-05;2121-FW68W31-3-PIPE-01;2121-FW68W24-2-PIPE-06;2121-FW68W10-1-PIPE-02;2121-FW6 8W32-1-PIPE-03;2121-FW68W11-8-PIPE-05;2121-FW68W11-8-PIPE-01;2121-FW68W11-6-PIPE-05;2121-FW68W1 1-5-PIPE-05;2121=FW66W11-4-PIPE-06;1115-FW66K06-2-PIPE-03;1115-FW66K06-2-PIPE-01;2121-FW66K06-2-PIPE-01;2121-FW66K06-2-PIPE-01;2121-FW66K06-2-PIPE-01;2121-FW66KW31-3-PIPE-01;2121-FW66KW31-1-PIPE-01;2121-FW66KW31-1-PIPE-01;2121-FW66KW31-1-PIPE-01;2121-FW66KW31-1-PIPE-01;2121-FW66KW31-1-PIPE-01;2121-FW66KW31-1-PIPE-01; NDE / PMI HARDNESS Cleaning (3) Identified W: Wrapping Inspect OK (2) (Yes/No/NA) (Yes/No/NA) (Yes/No/NA) (Yes/No/NA) F: Field lon Drages Andra On behalf of TCM

					· ·		
X	Checked & NOT Accepted	Ø	Checked & Accepted	N.A. N	ot Applicable	Y/N Punch List Produced	
	Date [DD-MMM-1	(YYY)		Name		Signature	
	03/07	12-24	ofe	Lete Am	CH		
	0,5	1001	7.0			QC	
	×	NOT Accepted  Date	NOT Accepted	NOT Accepted  Date [DD-MMM-YYYY]	Date [DD-MMM-YYYY] Name	NOT Accepted Accepted N.A. Not Applicable  Date [DD-MMM-YYYY]  Name	NOT Accepted Accepted N.A. Not Applicable Y/N Produced  Date [DD-MMM-YYYY] Name Signature  0310 1704 Accepted N.A. Not Applicable Y/N Produced



## ISO Summary List

Job # **22635** 

Client TECNIMONT/REPSOL

Local Portugal

# 22635 / 6152 Page 1	% RT/UT	W PT/MT

Project 4274 ALBA-1007 Piping Fabrication

Priority 2B

REPSOL	#OSI	2121-	ISO # 2121-FW68W10-1	0-1	œ	Revision 00	00 u				Priori	Priority 2B		
	Piping	Size/	Piping Size/Class 2-B-13	2-B-13	а.	PED Category	atego		Art 4.3		As	sessm	ent Ins	Assessment Inspection/Results
Product Description	Seq.	N. Heat#	Seq. N. Heat # M.Certificate	FM-Dos	WPS	->	5	IDT-PT/MT	NDT-RT/UT	TH/IMH-TON	NDT-PN	VedDate/Stamp VT NDT-PT/MT NDT-RT/UT NDT-PM/HT NDT-PN NDT-FT Extension 1 Extension	ion 1Extensio	2

2 PDEF - ASSB GALV THREADD NPT MALE 2 CONDUMN ASKE BIS 13 3000# A105 GALV 2 SOFTED NPT MALE 2 SOFTED NPT MALE 3 SOFTED NPT MALE 3 SOFTED NPT MALE 3 SOFTED NPT MALE 4 SOFTED NPT MALE 5 SOFTED N	Specific Mold#	Product Description	Sea. N. He	Heat # M.Certificate	ficate FM-Dos	WPS	WeldDate/Stamp	TV	T-PT/MT ND	T-RT/UT	NDT-PT/MT NDT-RT/UT NDT-PMI/HT NDT-PN NDT-FT Extension 1Extension 2	PN NDT-FT	Extension	1Extension 2	
The   2 COUPLING A SME BI 6.11 3000# A 105 GALV	End THD 2" PI			422 \ X2304001-0	15		26/02/2024								
THD   2" PIFE ASSB GALV THERADED NPT MALE   555   2x110422   X22040146   X22	=	OUPLING ASME B16.11 3000# A105 GALV		>											
THD   2 90 EBOW ASME B16.11 3000# A105 GALV   S65   Z2.110422   X2204001-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X2204001-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THE ASME B16.11 3000# A105 GALV FTE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65     THD   2 PIPE - A55.9 GALV THREADED MYT MALE   S65   Z2.110422   X220401-65	F02 THD	IPE - A53-B GALV THREADED NPT MALE OF BOW ASME B16.11.3000# A105 GALV			5		26/02/2024		is.						
THD 2 PIPE-ASS-8 GALV THERADEN N°T MALE  2 45 ELBOWASME B16 11 3000# A105 GALV  THD 2 PIPE-ASS-8 GALV THERADEN N°T MALE  SM THD 2 PIPE-ASS-8 GALV THERADEN N°T MALE  SM THD 2 PIPE-ASS-8 GALV THERADEN N°T MALE  2 PIPE-ASS-8 GALV THERADEN N°T MALE  2 TEE ASME B16.11 3000# A105 GALV FTE  DAMASHER  D	F03 THD	0 ELBOW ASME B16.11 3000# A105 GALV	1	) 400			26/02/2024				8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8				
4 THD 7 PIPE -A33-8 GALV THREADED NPT MALE  2 45 ELBOWA ASME B16.11 3000# A105 GALV  2 45 ELBOWA ASME B16.11 3000# A105 GALV  THD 2 7 PIPE -A33-8 GALV THREADED NPT MALE  2 PIPE -A33-8 GALV THREADED NPT MALE  2 PIPE -A33-8 GALV THREADED NPT MALE  2 TEE ASME B16.11 3000# A105 GALV FTE  Domastee  Domastee		PE - A53-B GALV THREADED NPT MALE		422 X2304001-0	9			-							
THD 2 45 EIBOW ASNE B16.11 3000# A105 GALV FIE  THD 2 7 PIEF - A538 GALV THREADED NPT MALE  2 TEE ASME B16.11 3000# A105 GALV FTE  2 TEE ASME B16.11 3000# A105 GALV FTE  Downerse	문	IPE - A53-B GALV THREADED NPT MALE 5 ELBOW ASME B16.11 3000# A105 GALV		422 X2304001-6	9		26/02/2024								
3M THD 2* PPE- ASSAGE GALY THREADED NPT MALE  2* TEE ASME B16.11 3000# A105 GALY FTE  2* TEE ASME B16.11 3000# A105 GALY FTE	TH	5 ELBOW ASME B16.11 3000# A105 GALV		V x2304001.0	15		26/02/2024								
	<u> </u>	IPE - A53-B GALV THREADED NPT MALE EE ASME B16.11 3000# A105 GALV FTE.		422 V X23040014	φ		07/05/2024								
Domarke															
Nellains	Notes		Remarks				APPROVED QC	2 00	-	APF	APPROVED by Client	lient	¥.	PPROVED	APPROVED by 3rd party or Al
BW-Butt Weld; FW-Fillet Weld; LW-Lap Weld; SW-Sooket Weld; TBW-Tee Butt Weld	Butt Weld; FW-Fillet Wela	i; LW-Lap Weld; SW-Socket Weld; TBW-Tee Butt Weld					Name:	Sur	Simo	tee Nan	Simote Name: Letal	EXC.	Z	Name:	

Date: Sign:

04 Not loly Date: 04

Date: Sign:

PT-Penetrant Test; MT-Magnetic Test; RT-Radiographic Test

HT-Hardness Test; PN-Pneumatic Test; FT-Ferrites Test UT-Ultrasonic Test; PMI-Positive Material Identification

TECNIMONT	Punch List  PUNCH LIST	IDE	ENTIFICATION CC	DDE
		SHEET 1/1	DOC.CLASS 1	ISSUE 01
MECWIDE ENGINEERING CHALLENGES  A CHARGE CHALLENGES  Nervice Industrial	ISO ID: 2121 - FW68W10 - 1			

	Nenson Industrial				
No.	Field	Descr	ripton	Date	Completed
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10 03 0n	n Dragos Andra 3.07.2024 o behalf of Ta	NOTES AND	ON P	MEANU AL	RIAN PORT
		DATE (dd-Mmm-YYYY)	NAME	SIGNAT	URE
SUBCON	NTRACTOR			5.5.3/11	
CONTRA					
COMPA	NY				
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