

 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-310-000128_RFI2397_MOD-ITP-XL_220	
		RFI Nr.: _____	Date : _____
Unit - _____			
Plant Area - _____			
Isometric Number _____			
Inspection Package Number IP-WSR-P-310-000128_RFI2397 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2211-PE41B03-5-SP14;2211-PE41B03-5-SP13;2211-PE41B03-4-SP12;2211-PE41B03-4-SP11;2121-CYG40B17-4-SP09;2121-CYG40B17-4-SP08;2121-CYG40B04-2-SP03;2121-CYG40B04-2-SP02;1121-PR43037-1-SP04;1121-PR43037-1-SP03;1121-PR43037-1-SP02;1121-PR33019-5-SP04;2121-CYG40B05-3-SP06;2121-CYG40B05-3-SP05;2121-CYG40B05-3-SP04;2121-CYG40B05-2-SP03;2121-CYG40B05-2-SP02;2121-CYG40B05-1-SP01;2121-CYG41D02-1-SP03;2121-CYG41D02-1-SP02;2121-CYG41D02-1-SP01;2121-CYG41A03-1-SP03;2121-CYG41A03-1-SP02;2121-CYG41A03-1-SP01;2121-VRG52A38-1-SP02;2121-VRG52A38-1-SP01;1121-PR24035-1-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"

TECNIMONT
Pinto Joaquim
Mechanical Piping Spy.
Joaquim Pinto
09/05/2024

TECNIMONT
I.D. Polifronescu R ✓
NWI W
09/05/2024

SGS
NoBo 1155 ✓ reviewed by
J. P. Mambila ✓ witness by
09/05/2024

LEGEND OF CHECK RESULT	<input checked="" type="checkbox"/> Checked & NOT Accepted	<input checked="" type="checkbox"/> Checked & Accepted	N.A.	Not Applicable	<input type="checkbox"/> Y / N	Punch List Produced
SUBCONTRACTOR			Date [DD-MMM-YYYY]	Name		Signature
CONTRACTOR			09/05/2024	Patricia Texere		Patricia Texere
COMPANY						
(Free)						



ISO Summary List

Client TECNIMONT/REPSOL Job # 22635
 Local Portugal Project 4274 ALBA-1007 Piping Fabrication

% RT/UT
 % PT/MT

ISO # 2121-CYG40B05-1 Revision 00 Priority 2
 Piping Size/Class 6-1E64 PED Category III 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 01	S01	BW	6x6" WN FLANGE ASME B16.5 30# A105N RF ✓	37	05HC23	224997	17\Yareta - PVX4010501	MW/21_BW	07/03/2024	VT-M-055			RT: RT-10564				
			6" 90 LR ELBOW ASME B16.9 A24-WPB BE S ✓	521	722833	CE2304590_3.1.01	20\Eletrodo - SBX2612148	MW/21_BW	07/03/2024	VT-M-055			RT: RT-10564				
02 01	S02	BW	6" 90 LR ELBOW ASME B16.9 A234-WPB BE S ✓	521	722833	CE2304590_3.1.91	17\Yareta - PVX4010501	MW/21_BW	07/03/2024	VT-M-055			RT: RT-10564				
03 01	S03	BW	6" PIPE - A106-B BE SMLS ✓	TCM	128274	3597843	20\Eletrodo - SBX2612148	MW/21_BW	07/03/2024	VT-M-055			RT: RT-10564				
			6" PIPE - A106-B BE SMLS ✓	TCM	128274	3597843	17\Yareta - PVX4010501	MW/21_BW	07/03/2024	VT-M-055			RT: RT-10564				
			6x6" WN FLANGE ASME B16.5 30# A105N RF ✓	37	05HC23	224997	20\Eletrodo - SBX2612148	MW/21_BW	07/03/2024	VT-M-055			RT: RT-10564				

Notes	Remarks	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		 TECNIMONT Name: <u>José M. Montes</u> Date: <u>09/05/2024</u> Sign: <u>SG</u>	Name: <u>José M. Montes</u> Date: <u>09/05/2024</u> Sign: <u>NoBo 1155</u>

Reviewed by witness: John Montes witnessed



Tecnimont

Punch List

PUNCH LIST



MECWIDE
Engineering Challenges



GRUPO AMPER
Nervión Industrial

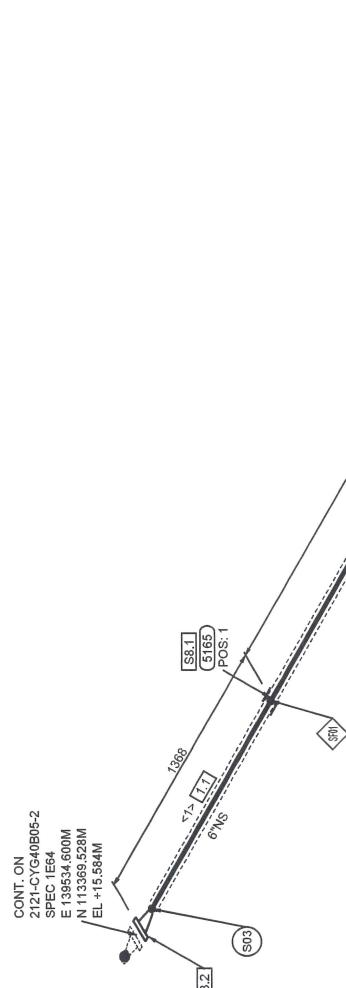
ISO ID: 2121 - CYG40B05-1

SHEET 1 / 1	DOC.CLASS 1	ISSUE 01
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LINE DATA											
PIPE					FLUID CODE: CYG						
PIPE ID No.		LINE NO. 6"-CYG-40B05-1E64 (P)			WELD CLASS		INSULATION			PAINTING CODE	
00 08-09-2023		ISSUED FOR CONSTRUCTION			TG MW		MATERIAL CLASS			HEAT TREATMENT	
REV. DATE		REVISION DESCRIPTION			DRAWN UP		CHD APPD			UP	
TECNI Mont										PIPING ISOMETRIC	
PLANT: SINES INDUSTRIAL COMPLEX										CLIENT REF: REPSOL POLYMEROS	
www.tecnimont.com 18A-5400-2003812 sheet 4										TYPING STANDARD SUPPORT SUMMARY XH-SL-00000002	
PIPE ISOMETRIC USE XH-D-21210001										TYPING TYPICAL INSTALLATIONS XH-SL-00000002	
MECHANICAL SPECIFICATION XH-SL-00000002										MECHANICAL SPECIFICATION XH-SL-00000002	
BILL OF MATERIALS											
FABRICATION MATERIALS											
PS NO	DESCRIPTION		NS (MM)		ITEM CODE		QTY.		HOLD		
1	PIPE, A105-B BE SMLS TO HAC03W02 S-STD <RP010B16STD> (L-7806)		6		I117981		5.7 M				
2	FITTINGS, 90 LR ELBOW ASME B16.9 A234WP BE SMLS C01CAV01 S-STD <90LR200F06STD> (L-7859)		6		I128657		1				
3	ELBOWS, WN FLANGE ASME B16.5 300# A105N RFPE BE 125-250 AARH P01CF4BVS S-STD <WNFA500RF50STD> (L-238)		6		I427495		2				
ERECTION MATERIALS											
PS NO	DESCRIPTION		NS (MM)		ITEM CODE		QTY.		HOLD		
4	FITTINGS, SPECTACLE DISC ASME B16.48 300# A516-70 NCRM FTFE 125-250 <FB6510F5A17> (L-7827)		6		I429545		1				
5	SUSPENSION, SAGITAL ASME B16.20 300# RFPE 34WPT CARBON STEEL 6 SS 304 ASME B16.5 G09FB1012 <SP0505P38AS> (L-7852)		6		I63989782		2				
6	BOLTS, STUD BOLT SANSITS ASME B16.20 300# RFPE 34WPT CARBON STEEL 6 SS 304 ASME B16.5 G09FB1012 <SP0505P38AS> (L-7852)		34		I53437471		12				
7	VALVES/LINE TEALS, BALL VALVE API 6D 300# A216-4WCB RFPE 316PEEK B77/H 125-250 AARH 2PS-FILL BORE TRUNNION-MOUNTED GE ASME B16.5 V4BFC-C29B217 NRCED-B66LA28P> (L-269)		6		I63798160		1				
8	SUPPORTS, RESTING SHOE WELDED-C1A1 H = 100 L = 300		6		I6365		1				
CUT LIST											
PIECE NO	LENGTH (MM)	SIZE (IN)	WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE	BOLT NO	FLANGE SIZE (IN)	BOLT LENGTH (MM)		
<1>	580	6"	S01	S	6"	BW	BJ01	6"	140		
			S02	S	6"	BW					
			S03	F	6"	FT					
WELD LIST											
PIECE NO	LENGTH (MM)	SIZE (IN)	WELD NO	WELD CAT.	SIZE (IN)	WELD TYPE	BOLT NO	FLANGE SIZE (IN)	BOLT LENGTH (MM)		
<1>	580	6"	S01	S	6"	BW	BJ01	6"	140		
			S02	S	6"	BW					
			S03	F	6"	FT					

MIR02

N ↘

CONT. ON
2121-CYG40B01-3

SPEC 1E87

E 13654.60M

E 113363.517M

EL + 14.332M

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POS: 1

S01

S02

S03

SP01

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