

TECNIMONT Tecnímont 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-310-000250_RFI3873_MOD-ITP-XL_220 RFI Nr.: Date :
Unit - Plant Area - Isometric Number - Inspection Package Number IP-WSR-P-310-000250_RFI3873 - IP Spool Release From Workshop			

Sheet 01/01

The Present Inspection Package contains the following Elements:

2121-VRG41B10-1-SP01;2121-CT49A09-1-SP02;2121-CT49A09-1-SP03;1121-P40030-4-SP08;2121-CT49A09-1-SP01;2121-CYG40B12-1-SP02;1121-P40030-4-SP07;2121-CYG40B01-3-SP03;2121-CYG40B01-3-SP04;2121-CYG40B12-1-SP01;2121-CYG40C05-12-SP09;2121-CYG40B02-3-SP04;2121-CYG40B19-7-SP13;2121-CYG40B17-1-SP01;2121-CYG40B17-1-SP12;2121-CYG40B19-6-SP11;2121-CYG40B19-6-SP12;1121-P23021-2-SP03;1121-P23021-2-SP04;2121-CYG40B17-1-SP02

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
06.08.2024.
On behalf of TCM



NoBo 1155

SGS INSPECTION

SGS INSPECTION

SGS INSPECTION

SGS INSPECTION

06/08/2024

REGISTRATION NUMBER
06/08/2024
ON BEHALF OF TCM

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 Product
SUBCONTRACTOR	Date [DD-MMM-YYYY]	Name	Signature QC		
CONTRACTOR					
COMPANY					
(Free)					



Engineering Challenges

GRUPO AMPER
Nervión Industrial

ISO Summary List

22635 / 1456
Page 1

Client TECNIMONT/REPSOL

Job # 22635

Local Portugal Project 4274 ALBA-1007 Piping Fabrication % RT/UT % PT/MT

ISO # 2121-CYG40B02-3
Piping Size/Class 42-1E87Revision 00
PED Category IIIPriority 2B
Assessment/Inspection/Results

Spo#	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
07	S10	OL	42" PIPE - A671-CG60 BE EFW CL 22 SUPPL	42	V860367/	DSC-23-0806	25:Varata - PVY121/1846	MW/20_SBR	24/06/2024	S71							
			42x75° REDUCING SOCKET LT MSS SP-97 300	425	CE2022/1656	28:Eletrodo F - SBX2011172											
08	S12	OL	42" PIPE - A671-CG60 BE EFW CL 22 SUPPL	42	V860367/-	DSC-23-0806	25:Varata - PVY121/1846	MW/20_SBR	24/06/2024	S71	MT: MT-I-086-A						
			42x1.5" REDUCING SOCKET LT MSS SP-97 300	425	CE2022/1656	28:Eletrodo F - SBX2011172											
09	S15	OL	42" PIPE - A671-CG60 BE EFW CL 22 SUPPL	42	V860367/	DSC-23-0806	25:Varata - PVY121/1846	MW/20_SBR	24/06/2024	S71	MT: MT-I-086-A						
			42x2" REDUCING WELDOLET MSS SP-97 A105N	428	CE2023/10	28:Eletrodo F - SBX2011172											
10	S16	BW	42x2" REDUCING WELDOLET MSS SP-97 A105N 2x2" WN FLANGE ASME B16.5 30# A105N RF	428	CE2023/210	2284795	25:Varata - PVY121/1846	MW/22_BW	24/06/2024	S71	RT: RT-I-105						
				39	BBAY0	225263											

Notes

BW-Butt Weld; FWF-Fillet Weld; LWL-Lap Weld; SW-Socket Weld; TBW-Tee Butt Weld
PT-Penetration Test; MT-Magnetic Test; RT-Radiographic Test
UT-Ultrasonic Test; PMI-Positive Material Identification
HT-Hardness Test; PN-Pneumatic Test; FT-Ferries Test

Remarks	APPROVED QC	APPROVED by Client	APPROVED by 3rd party or A
	Name: Cátia Ferreira Date: 06/08/2024 Sign:	Name: Zé Góes Antunes Date: 07/08/2024 Sign:	Name: JOSÉ MUNIZ Date: 06/08/2024 Sign:

Nº: BG 1155 reviewed by witnessed by

 SGS reviewed by witnessed by
 Nr: SGS 1155 reviewed by witnessed by



Punch List

PUNCH LIST

IDENTIFICATION CODE

SHEET 1 / 1	DOC.CLASS 1	ISSUE 01
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ISO ID: 2121 - CYG40B02 - 3

Ion Dragos Andrei
05.08.2024.
On behalf of TCMI

NOTES AND REMARKS

ZEGHBANU DARANI
05/08/2024
ON BEHALF OF TCM

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

BE CHECKED IN FIELD BEFORE CONSTRUCTION
CTOR AS PER SPECIFICATION 404B-XH-15G-0000000000004

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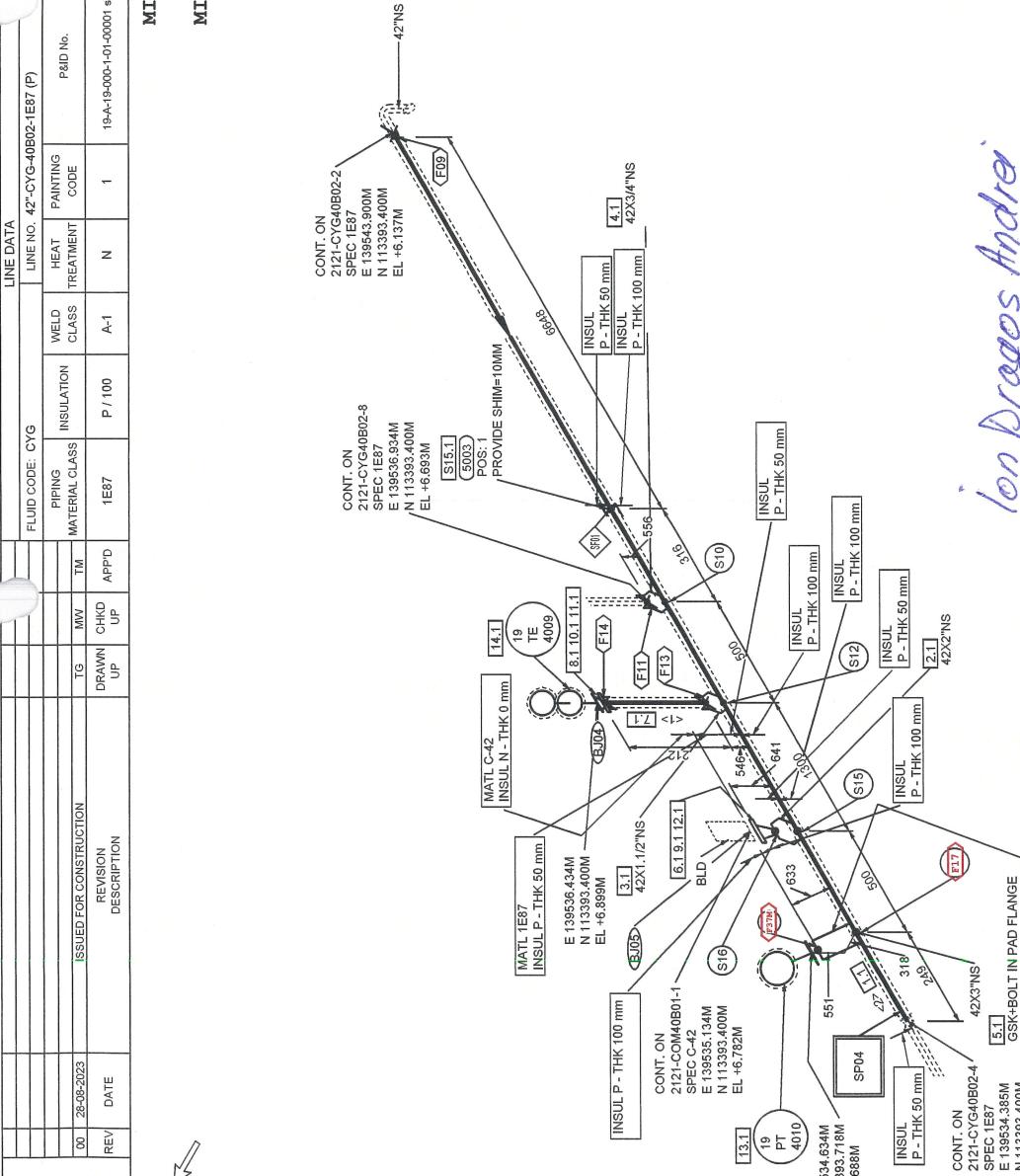
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PROTOLINE TELECOMUNICATIONS LTD. IS THE REGISTERED TRADE NAME OF THE COMPANY WHICH IS THE OWNER OF THE TRADE MARKS AND TRADE NAMES LISTED ON THIS DOCUMENT.

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SHEET NO. 1 OF 1



Ion Dragos Andrei
05.08.2024.
On behalf of ROMA


MIR01

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BILL OF MATERIALS

EDUCATIONAL MATERIALS

FABRICATION MATERIALS		ITEM CODE	QTY.	HOLD
ITEM NO	DESCRIPTION	NS (MM)		
1	PIECE PIPE - A371-CG90 BE EN10CL22 SUPPL REQ S2 T01AC27Y10 S-2062 -FP1FA0B14203-22-(L-PIF-19)	163782632	9.6 M	
2	ELLIPSES REDUCING WELDED LT MSS-SP-97 A105N BE - 0350DC440V1 S-2062 S-STD	42X2	163793751	1
3	AWL A309T05401A15 -(L-26834) REDUCING SCHOKLE MSS-SP-97 3000# A105N BE SWE - R13DNCA4V101	42X1.1/2	17843541	1
4	NRECD -S903K300LB05173-(L-343) REDUCING SCHOKLE MSS-SP-97 3000# A105N BE SWE - R13DNCA4V101	42X3.4	17843539	1
5	NRECD -S903K300LB05171-(L-343) SPECIALTY COMPONENT	3	SP-06-240C1-01	1
6	ELBANGLS WN FLANGE ASME B16.5 300# A105N RIFFE BE 25- 250 AARH	2	16355797	1
F01FCR4BV05 S-STD <WNAFA300R352STD>-(L-238)-				

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ERECTION MATERIALS		DESCRIPTION	ITEM CODE	QTY.	HOLD
S NO	ITEM NO		NS (MM)		
	E10E	PIPE - A105-B PE SMLS T01 AC03202 S-X <#PJA010A1112X>			
	L-8619	FLANGES ASME B16.5 300# A105N RIFLE SW/E 125 - 250 AARH	1.12	1132809	0.2 M
3	F002FC4B105 S-X-S <>SWFA300R5112X-S-(375)	GASKETS	1.12	19762192	1
		SPRAL WIND GASKET ASME B16.11-2003 RFTBEE 316GRAFOIL CARBON STEEL S316 ASME B16.5 (GIG9-PH1Q01 -S#PA504R3E42 -L-SPAD1) STEEL S316 ASME B16.5 (GIG9-PH1Q01 -S#PA504R3E42 -L-SPAD1)	2	160205410	1
10	BOLTS	STUD BOLT & NUTS ASME B18.31(2) B18.2.2 A192-7A194-2H INCH SIZE 1010R0301 -S#B2251G64314-2 - NUTS PER BOLT - 10 mm Length STUD BOLT & NUTS ASME B18.31(2) B18.2.2 A192-7B194-2H INCH SIZE 1010R0301 -S#B2251G68164-2 - NUTS PER BOLT - 10 mm Length INSTRUMENT SUPPORTS	3/4	15347365	4
12		INSTRUMENT COMPONENT 197x4010 RESTING SHOE WELDED-C41 H = 150 L = 400	5/8	15347369	8
13			3		1
14			1		1
15			42	5003	1

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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)	LENGTH (MM)
<1>	197	1 1/2"	1/8"	F9	F	42"	BW	B04	1 1/2"	3/4"	90
<2>	9713	42"	1/8"	SF01	F	42"	OL	B05	2"	5/8"	105
<2>				S10	S	3/4"	SW				
				F11	F	3/4"	OL				
				S12	S	1 1/2"	SW				
				F13	F	1 1/2"	SW				
				F14	F	1 1/2"	OL				
				S15	S	2"	SW				
				S16	S	2"	BW				
						3"	OL				
							Φ 1/4"				
							Φ 1/4"				
							Φ 3/16"				

	Welding Symbol	Status:	IFC	Date:	26/08/2023	Ref:	01
Dimensions:	Signature:						
Before Welding		03024					
After Welding		25624					
Assimilate deviation in this drawing: "in" or "mm".							
Autocad (vista) registered in the WebSite Productos Sheet in the field							
of observations (observaciones). CG							
LOW LINEAL DENSITY POLY(THYLENE) (PEL) and POLYPROPYLENE (PP)							
ALTA PROYECCION (ALTA PROYECCION) - ALTA PROYECCION (ALTA PROYECCION)							

AUTHORISED FOR CONSTRUCTION

NOTES PARTS LIST NO PIPE SUPPORT **A = RESTING SUPPORT** **G = GUIDE** **F = AXIAL RESTRAINT** **M = SPRING** **TRO = TORSION**
IGNED FOR CONSTRUCTION IS SHOWN ON ISO LIS FOR RELEVANT PIPING AREA **PIPE** **SUPPORT** **WHERE A NUMBER IN UNDERLINE IS INDICATED THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE**