

 Tecnimont S.p.A.	 <b>REPSOL</b> REPSOL POLIMEROS SA	4274_CONST  ALBA PROJECT-PP AND PEL PLANTS	
<b>MOD-ITP-XL_220</b> Rev.1		<b>RELEASE OF SPOOLS FROM WORKSHOP</b>	Report n° <b>IP-WSR-P-324-000472_RFI6807_MOD-ITP-XL_220</b> RFI Nr.:                      Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number <b>IP-WSR-P-324-000472_RFI6807 - IP Spool Release From Workshop</b>			




Sheet 01/01

The Present Inspection Package contains the following Elements:

5111-CVA940303-3 - SP1498;5111-CVA940303-3 - SP1496;3211-CVA90F302-1 - SP2011;2221-VA56B115-1 - SP2879;2211-VA80C267-1 - SP3116;1211-CVA630364-1 - SP2603;1121-VA800135-2 - SP2577;7111-P90C242-3 - SP1091;5111-CVA940303-3 - SP1497;3211-CVA90F302-1 - SP2010;2211-VG56A102-1 - SP3122;1211-CVA630350-1 - SP2598;7111-P90C242-3 - SP1098;7111-P90C242-3 - SP1097;3221-CVA910251-1 - SP2452;3221-CVA910243-1 - SP2442;2211-P90C242-2 - SP3059;2211-CVA80B201-1 - SP2897;7111-P90C242-3 - SP1094;5111-CVA940303-3 - SP1495;3211-CVA90F302-1 - SP2012;2211-VA56D117-1 - SP3103;2131-P56C110-2 - SP2833;3221-CVA910251-1 - SP2451;3221-CVA910251-1 - SP2450;2211-CVA80B201-1 - SP2896;2131-P56C110-2 - SP2834;5111-CVA940303-3 - SP1494;3222-CVA880201-1 - SP2479;3221-CVA910243-1 - SP2441;3221-CVA90G312-3 - SP2425;7111-P90C242-3 - SP1096;7111-P90C242-3 - SP1092;3222-CVA880201-1 - SP2480;3221-CVA910243-1 - SP2440;2211-P90C242-2 - SP3060;1211-N800145-1 - SP2630;7111-P90C242-3 - SP1095;7111-P90C242-3 - SP1093;2211-VA62A135-2 - SP3112;2211-P90C242-2 - SP3061;2121-P56A133-1 - SP2827;1211-CVA810266-1 - SP2605

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)

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	16-01-2025	Ana Costa	on behalf of Tecnimont Spatola Gianluca Ivi	
CONTRACTOR	17-01-2025	Gianluca Spatola		
COMPANY				
(Free)				

 Tecnimont S.p.A.	 REPSOL POLIMEROS SA	4274_CONST  ALBA PROJECT-PP AND PEL PLANTS	
<b>MOD-ITP-XL_220</b> Rev.1	<b>RELEASE OF SPOOLS FROM WORKSHOP</b>	Report n° <b>IP-WSR-P-324-000472_RFI6807_MOD-ITP-XL_220</b>	RFI Nr.: Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number <b>IP-WSR-P-324-000472_RFI6807 - IP Spool Release From Workshop</b>			

Sheet 01/01

The Present Inspection Package contains the following Elements:

5111-CVA940303-3 - SP1498;5111-CVA940303-3 - SP1496;3211-CVA90F302-1 - SP2011;2221-VA56B115-1 - SP2879;2211-VA80C267-1 - SP3116;1211-CVA630364-1 - SP2603;1121-VA800135-2 - SP2577;7111-P90C242-3 - SP1091;5111-CVA940303-3 - SP1497;3211-CVA90F302-1 - SP2010;2211-VG56A102-1 - SP3122;1211-CVA630350-1 - SP2598;7111-P90C242-3 - SP1098;7111-P90C242-3 - SP1097;3221-CVA910251-1 - SP2452;3221-CVA910243-1 - SP2442;2211-P90C242-2 - SP3059;2211-CVA80B201-1 - SP2897;7111-P90C242-3 - SP1094;5111-CVA940303-3 - SP1495;3211-CVA90F302-1 - SP2012;2211-VA56D117-1 - SP3103;2131-P56C110-2 - SP2833;3221-CVA910251-1 - SP2451;3221-CVA910251-1 - SP2450;2211-CVA80B201-1 - SP2896;2131-P56C110-2 - SP2834;5111-CVA940303-3 - SP1494;3222-CVA880201-1 - SP2479;3221-CVA910243-1 - SP2441;3221-CVA90G312-3 - SP2425;7111-P90C242-3 - SP1096;7111-P90C242-3 - SP1092;3222-CVA880201-1 - SP2480;3221-CVA910243-1 - SP2440;2211-P90C242-2 - SP3060;1211-N800145-1 - SP2630;7111-P90C242-3 - SP1095;7111-P90C242-3 - SP1093;2211-VA62A135-2 - SP3112;2211-P90C242-2 - SP3061;2121-P56A133-1 - SP2827;1211-CVA810266-1 - SP2605

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"

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	16-01-2025	Ana Costa	on behalf of Tecnimont	
CONTRACTOR	17-01-2025	Gianluca Spatola	Spatola Gianluca	
COMPANY				
(Free)				



## WELDING & MATERIAL TRACEABILITY REPORT

CLIENT: TECNIMONT

AREA: 2121

ISOMETRIC nº 2121-P56A133-1

REVISION: 0

PROJECT: ALBA PROJECT LOT A2 PP AND PEL PLANTS

WELDS CLASS : 00 00 00

PIPING CLASS: CHY4 FA1104

LOCATION: SINES - PORTUGAL

PIPING TEST PACK: ---

MATERIAL: 1.4541

PED CAT.: Art 4.3

Spool	Weld	Ø	Joint	Product Description	Heat N°	Certificate N° ( PIN's )	Consumable Lote N°	WPS	Weld Date	Welder	VT	PT/MT	UT/RT	PMI/HT	Ferrite/ Hardness
02827	GLS01	1	FT	PP-11000 Pipe	46188	30 000 149 388/00	339013-66928	21	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_66	---
				SPECIALTY COMPONENT	GS-12200	NO INFO	339013-66928								
02827	S01	3	BW	CO-15400 Weld on Collar	64456		339013-66928	19	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_66	---
				PP-11000 Pipe	46188	30 000 149 388/00	339013-66928								
02827	S02	3	BW	PP-11000 Pipe	46188	30 000 149 388/00	339013-66928	19	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_66	---
				EL-11000 Elbow 90 D LR	2101-03		339013-66928								
02827	S03	3	BW	EL-11000 Elbow 90 D LR	2101-03		339013-66928	19	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_66	---
				PP-11000 Pipe	46188	30 000 149 388/00	339013-66928								
02827	S04	3	BW	PP-11000 Pipe	46188	30 000 149 388/00	331865-66928	19	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_65	---
				EL-11000 Elbow 90 D LR	2101-03		331865-66928								
02827	S05	3	BW	EL-11000 Elbow 90 D LR	2101-03		331865-66928	19	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_65	---
				PP-11000 Pipe	46188	30 000 149 388/00	331865-66928								
02827	S06	3	BW	PP-11000 Pipe	46188	30 000 149 388/00	331865-66928	19	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_65	---
				EL-11000 Elbow 90 D LR	2101-03		331865-66928								
02827	S07	3	BW	EL-11000 Elbow 90 D LR	2101-03		331865-66928	19	09/12/2024	MQ	VT-SMP-EQS-S-0017	---	---	24_CRT_19092_1243_65	---
				PP-11000 Pipe	46188	30 000 149 388/00	331865-66928								
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
												---	---		---
				</											



NOTES:

Joint: BW - Butt Weld; FW - Fillet Weld; BC - Branch Connection

Weld: SW - Shop Weld; FW - Field Weld; GW - Golden Weld

PT - Penetrant Test: MT - Magnetic Test: RT - Radiographic Test: PWHT - Post weld Heat Treatment: HT - Hardness Test: PMI - Positive Material Identification

Remarks :
-----------

APPROVED SIMI		APPROVED TECNIMONT		APPROVED REPSOL		APPROVED NOBO	
NAME: 		NAME: on behalf of Tecnimont		NAME:		NAME:	
DATE: 05/01/2024		DATE: Spotofa Gonzalez		DATE:		DATE:	
SIGNATURE: 		SIGNATURE: ivi 17-01-2025		SIGNATURE:		SIGNATURE:	

THIS DOCUMENT BELONGS TO REPSOL. IT CAN NOT BE COPIED, REPRODUCED AND/OR USED WITHOUT  
PREVIOUS AUTHORIZATION OF REPSOL. COMPUTERIZED DRAWING (HANDWRITING STRICTLY FORBIDDEN).

EXTR. DATE: 06-03-2024 18:59:12

STREAM NO.:

STREAM REV. NO. :

REV. CAUSE ID:



CUT PIPE END AT 45 DEG  
PROVIDE BIRD SCREEN  
END COMPONENT

E 139520317  
N 113400648  
EL +28431

2.3  
EL +28431

1.4

3"NPD

1595

1.3

<3>

S05

S04

2.2

S5

8011

POS: 1

S6

8011

POS: 2

1.2

2909

2409

F3.1/7.1 G8 B9/10/11

497

<1>

1.1

3"NPD

2.1

S01

GLS01

S02

19

PSV

5608

3X2"NPD

SEE ISO

2121-P56A132-1

SPEC CHX4.5A1104

E 139521180

N 113397738

EL +26836

AS FABRICATED


QA\_QC

CONTROLO DIMENSIONAL / DIMENSIONAL CONTROL

☒ ACETE ACCEPTED ☐ NAO ACETE NOT ACCEPTED

DATA/DATE 20/12/24

REMARKS FOR MECHANICAL SUBCONTRACTOR:

- 1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED INFIELD IF NOT OTHERWISE INDICATED.
- 2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.
- 3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT
- 4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.
- 5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-800004 / 4274-XH-SG-00000002.
- 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.
- 7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.
- 8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF. TO 4274-LZ-PC-00000603).
- 9) FOR GROUNDING SET ("GS") ARRANGEMENT MECHANICAL SUBCONTRACTOR TO REFER DOC. 4274-FY-VD-PG10210000000GEN001(P) / 4274-FY-VD-PG20190000000GEN001(PE).

SUPPORTS LEGEND:

1) DENOTES PARTS LIST NO

PIPE SUPPORT

NOTE: FOR PRIMARY SUPPORT CONSTRAINT TYPE REFER TO COPERION "LEGEND AND DETAILS FOR ALL ISOMETRICS"

STRESS CALC. N° (5)

P & ID

19-A-19-000-01-00001-sheet 32

LINE LIST N°

19-L-19-000-2-00-80602

PIPE LAYOUT N°

19-L-19-000-2-00-86197 sheet 7

COP SYSTEM N°

TITLE

ISOMETRIC DRAWING  
LINE

3"-P-56A133-CHX4.5A1104 (P)

BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ARTICLE NO	QTY	HOLD STATUS
PIPE					
1	PP-11000 Pipe	3	012299	4.7 M	
FITTINGS					
2	EL-11000 Elbow 90 D LR	3	002158	3	
FLANGES					
3	CO-15400 Weld on Collar	3	015665	1	
PIPE SUPPORTS					
4	SPECIALTY COMPONENT	3	GS-12200	1	
5	GP-00200	3	8011	1	
6	STAKES SUPPORTS ST04 HEA120	3	8011	1	
MISCELLANEOUS COMPONENTS					
7	FL-25200 Flange LJ	3	015715	1	
GASKETS					
8	GF-65600 Flat Gasket	3	046968	1	
BOLTS					
9	BH-10000 Hexagonal head bolt - 1 NUTS PER BOLT - 70 mm Length	16	001244	4	
10	BN-10000 Hexagonal head nut	16	001802	4	
11	BW-10000 Washer	16	002340	4	