

 Tecnimont S.p.A.	 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-324-000475_RFI6964_MOD-ITP-XL_220
		RFI Nr.:	Date :
Unit -			
Plant Area -			
Isometric Number			
Inspection Package Number IP-WSR-P-324-000475_RFI6964 - IP Spool Release From Workshop			

Sheet 01/01




The Present Inspection Package contains the following Elements:

7111-P910236-1-SP1023;7111-P910236-1-SP1022;7111-P910236-1-SP1021;7111-P910236-1-SP1020;7111-P910236-1-SP1019;7111-P80A204-1-SP1041;7111-P80A204-1-SP1040;7111-P80A204-1-SP1039;7111-P80A204-1-SP1038;7111-P80A204-1-SP1037;7111-P80A204-1-SP1036;7111-P80A204-1-SP1035;7111-P80A204-1-SP1034;7111-P80A204-1-SP1033;7111-P80A204-1-SP1032;5111-P940330-4-SP1221;5111-P940330-4-SP1220;5111-P940330-4-SP1219;5111-P940330-4-SP1218;5111-P940330-1-SP1226;5111-P940330-1-SP1225;5111-P940330-1-SP1224;5111-P940329-1-SP1217;5111-P940329-1-SP1216;5111-P940329-1-SP1215;5111-P940329-1-SP1214;5111-P940329-1-SP1213;5111-P940326-1-SP1210;5111-P940326-1-SP1209;5111-P940326-1-SP1208;5111-P940320-1-SP1194;5111-P940320-1-SP1193;5111-P940320-1-SP1192;5111-P910316-8-SP1161;5111-P910316-8-SP1160;5111-P910316-8-SP1159;5111-P910316-1-SP1170;5111-P910316-1-SP1169;5111-P910316-1-SP1168;5111-P910276-3-SP1158;5111-P910276-3-SP1157;5111-P90I352-2-SP1135;5111-P90I352-2-SP1134;5111-P90I352-1-SP1138;5111-P90I352-1-SP1137;5111-P90I352-1-SP1136;5111-P90I288-1-SP1429;5111-P90I288-1-SP1428;5111-P90I288-1-SP1427;5111-P90I283-1-SP1416;5111-P90I283-1-SP1415;5111-P90I283-1-SP1414;5111-P90I283-1-SP1413;5111-P90I281-1-SP1409;5111-P90I281-1-SP1408;5111-P90I281-1-SP1407;5111-P90I281-1-SP1406;5111-P90I280-1-SP1402;5111-P90I280-1-SP1401;5111-P90I280-1-SP1400;5111-CVA90H323-1-SP1507;3222-CVA880208-1-SP2490;3222-CVA880208-1-SP2489;3222-CVA880202-2-SP2487;3221-CVA90F305-2-SP2395;3221-CVA90F305-2-SP2394;3211-VG910265-1-SP2345;3211-VG910265-1-SP2344;3211-VG910265-1-SP2343;3211-PP910226-1-SP3136;3211-P910223-2-SP3133;3211-PP910223-1-SP3132;3211-PP910220-2-SP2149;3211-PP910220-1-SP2148;3211-PEP90C253-1-SP2273;3211-PEP90A226-1-SP2265;3211-PEP90A223-1-SP2259;3211-P910228-1-SP2201;3211-P910225-1-SP2198;3211-P90A246-1-SP2144;3211-CVA910246-2-SP2042;3211-CVA910245-2-SP2035;2221-VA56C143-1-SP2884;2211-P80A204-2-SP3004;2211-P80A204-2-SP3003;2211-P80A204-2-SP3002;2211-P80A204-2-SP3001;2211-N50C126-1-SP2925;2211-N50C126-1-SP2924;2121-P56A132-1-SP2826;1231-VA800124-1-SP2813;1231-N800143-1-SP2808;1231-N800143-1-SP2807;1231-N800133-4-SP2797;5111-CVA90H323-1-SP1508;3211-PEP90A226-1-SP2266

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
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	Date [DD-MMM-YYYY]	Name	Signature
SUBCONTRACTOR	04-02-2025	Ana Costa	on behalf of tecnimont
CONTRACTOR	04-02-2025	Gianluca Spatola	Gianluca Spatola
COMPANY			
(Free)			

 Tecnimont S.p.A.	 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-324-000475_RFI6964_MOD-ITP-XL_220	RFI Nr.:
Unit -	Plant Area -	Date :	
Isometric Number			
Inspection Package Number	IP-WSR-P-324-000475_RFI6964 - IP Spool Release From Workshop		

Sheet 01/01

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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	04-02-2025	Ana Costa	on behalf of tecnimont Gianluca Spatola ivi		
CONTRACTOR	04-02-2025	Gianluca Spatola			
COMPANY					
(Free)					



WELDING & MATERIAL TRACEABILITY REPORT

CLIENT: TECNIMONT

AREA: 2121

ISOMETRIC nº 2121-P56A132-1

REVISION: 0

PROJECT: ALBA PROJECT LOT A2 PP AND PEL PLANTS

WELDS CLASS : 00 00 00

PIPING CLASS: CHX4.5A1104

LOCATION: SINES - PORTUGAL

PIPING TEST PACK: ---

MATERIAL: 1.4541

PED CAT.: Art 4.3

[illegible]


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: <i>on behalf of TECNIMONT</i>		NAME:		NAME:	
DATE: 27/02/2025		DATE: <i>Spotka Guelwa</i>	04-02-2025	DATE:		DATE:	
SIGNATURE:		SIGNATURE: <i>ixi</i>		SIGNATURE:		SIGNATURE:	

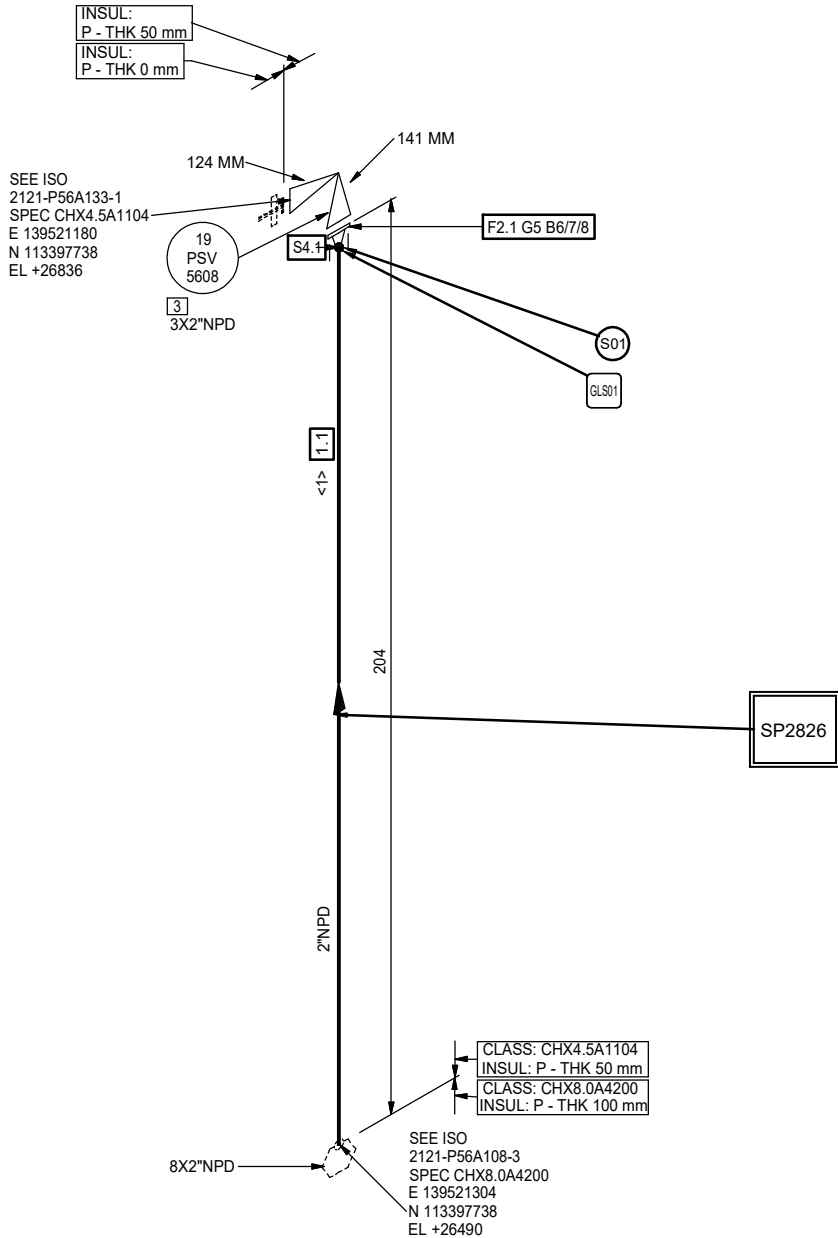
THIS DOCUMENT BELONGS TO REPSOL. IT CAN NOT BE COPIED, REPRODUCED AND/OR USED WITHOUT PREVIOUS AUTHORIZATION OF REPSOL. COMPUTERIZED DRAWING (HANDWRITING STRICTLY FORBIDDEN).

EXTR. DATE: 06-03-2024 18:58:57

STREAM NO.:

STREAM REV. NO. :


REV. CAUSE ID:



AS FABRICATED

simi		QA_QC
CONTROLO DIMENSIONAL / DIMENSIONAL CONTROL		
<input checked="" type="checkbox"/> ACETE ACCEPTED	<input type="checkbox"/> NO ACETE NOT ACCEPTED	
DATA/DATE 27/01/2025		

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-45-000-2-00-80004 / 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°
19-PK-5601

TITLE
**ISOMETRIC DRAWING
LINE**

2"-P-56A132-CHX4.5A1104 (P)

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ARTICLE NO	QTY	HOLD STATUS
PIPE					
1	PP-11000 Pipe	2	012278	0.2 M	
FLANGES					
2	FW-18000 Welding neck flange	2	073953	1	
INSTRUMENTS					
3	INSTRUMENT COMPONENT	3X2	19-PSV-5608	1	
PIPE SUPPORTS					
4	SPECIALTY COMPONENT	2	GS-12200	1	
GASKETS					
5	GF-68600 Flat Gasket	2	G-000000	1	
BOLTS					
6	BH-10000 Hexagonal head bolt - 1 NUTS PER BOLT - 80 mm Length	16	001256	8	
7	BN-10000 Hexagonal head nut	16	001802	8	
8	BW-10000 Washer	16	002340	8	

CUT LIST		
PIECE NO	LENGTH (MM)	SIZE (IN)
1	2"	133

4274-SP-XH-DL-2121P56A132-1-IS00

SPOOLING REV NO. 00

PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS REFER VENDOR DOCUMENT. 3. WELDING ACCORDING TO 4274-FY-VD-FW10210000000GEN003 (PP) / 4274-FY-VD-FW20190000000GEN003 (PE). 4. REFER "LEGEND AND DETAILS FOR ALL ISOMETRICS". 5. FOR STRESS CALC. LIST REFER DOCUMENT 4274-FY-VD-PC10210000000GEN0014 (PP) /274-FY-VD-PC20190000000GEN001(PE). 6. PAINTING ACCORDING TO SPECIFICATION 4274-VW-SG-00000001							
STAINLESS STEEL									
HEAT TREATMENT (PWHT) N.A.									
PAINTING SCHEME (6) 5		CONTRACTOR:		CONTRACTOR DRAWING NUMBER: 4274-XH-DL-2121P56A132-1		PROJECT: 4001008			
PIPING CLASS CHX4.5A1104									
WELDING CLASS (3)		LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT							
PED CATEGORY Art 4.3									
INSULATION CODE / THK. (mm) P 50		ANNEX 19		SPEC. L		DRAWING NUMBER 19-000-2-02-00001 sheet 2121P56A132-1		REV. 00	