




|   |  |   |   |
|---|--|---|---|
| <br>Tecnimont S.p.A. | <br>REPSOL POLIMEROS SA | 4274_CONST<br>4274-ALBA PROJECT-PP AND PEL PLANTS |  |
| MOD-ITP-XL_220<br>Rev.1   |  | RELEASE OF SPOOLS FROM WORKSHOP                   | Report n°<br>IP-WSR-P-310-000055_RFI1119_MOD-ITP-XL_220                             |
|   |  | RFI Nr.: 1119                                     | Date :  |
| Unit -  |  |   |   |
| Plant Area -  |  |   |   |
| Isometric Number  |  |   |   |
| Inspection Package Number IP-WSR-P-310-000055_RFI1119 - IP Spool Release From Workshop                |  |   |   |

Sheet 01/01

The Present Inspection Package contains the following Elements:




2211-VRG50A09-1-SP02;2211-VRG50A09-1-SP01;2211-VRG50A08-1-SP11;2211-VRG50A08-1-SP07;2211-VRG50A08-1-SP06;2211-VRG50A08-1-SP05;2211-FL50A02-4-SP09;2211-FL50A02-4-SP08;2211-CWR40G04-3-SP04;2211-CWR40G04-2-SP03;2211-CWR40G04-2-SP02;2211-CWR40G04-1-SP01;2211-CWR40B02-3-SP04;2211-CWR40B02-3-SP03;2121-VRG41B13-1-SP05;2121-VG40P02-1-SP01;2121-FL40K02-1-SP02;2121-FL40K02-1-SP01;2121-FL40C01-3-SP04;2121-FL40C01-3-SP03;2121-ET40F04-1-SP02;2121-ET40F04-1-SP01;2121-ET40A07-7-SP04;2121-CWS40G04-1-SP03;2121-CWS40G04-1-SP02;2121-CWS40G04-1-SP01;2121-CWS40G03-2-SP02;2121-CWS40G03-1-SP01-ZZ;2121-CWR40B02-3-SP07;2121-CWR40B02-3-SP06;2121-CWR40B02-1-SP11;2121-CWR40B02-1-SP02;2121-CWR40B02-1-SP01;2121-COM40B01-1-SP02;2121-COM40B01-1-SP01;2121-BU10C13-2-SP05;2121-BU10C13-2-SP04

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"

|   |  |   |
|---|--|---|
| <br>L.Gomes<br>NW1 | <br>Pinto Joaquim<br>Mechanical Piping Spv. | <br>No 30 1155 |
| 20/02/2024  | 20/02/2024   | reviewed by   |
| 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<br>(DD-MMM-YYYY)  | Name  |
| SUBCONTRACTOR   | 20/02/2024   | Patricia Teixeira   |
| CONTRACTOR  |  | Patricia Teixeira   |
| COMPANY   |  |   |
| (Free)  |  |   |



# ISO Summary List

# 22635 / 2022

Page 1

Client **TECNIMONT/REPSOL**

Job # **22635**

% RT/UT

Local **Portugal**

Project **4274 ALBA-I007 Piping Fabrication**

% PT/MT

ISO # **2121-FL40K02-1**

Revision **01**

Priority **6**

Piping Size/Class **16-B32S1**

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 02 | S07   | BW    | 16" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓<br>16" PIPE - A333-6 BE SMLS ✓ | 377<br>646 | 903623<br>12104811C   | CE23002070_3_1_01<br>G2305002-03 | 6:Vareta F - PVX2210111<br>9:Eletrodo F - SFX1211951 | MW.25_BW  | 13/11/2023<br>S287 | VT-I-069 |                | RT: RT-I-0436 |            |        |        |             |             |
| 03 01 | S05   | BW    | 16" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓<br>16" PIPE - A333-6 BE SMLS ✓ | 377<br>646 | 903623<br>12104811C   | CE23002070_3_1_01<br>G2305002-03 | 6:Vareta F - PVX2210111<br>9:Eletrodo F - SFX1211951 | MW.25_BW  | 14/11/2023<br>S287 | VT-I-070 |                |               |            |        |        |             |             |
| 04 01 | S04   | BW    | 16" PIPE - A333-6 BE SMLS ✓<br>16" 90 LR ELBOW ASME B16.9 A420-WPL6 BE ✓ | 646<br>377 | 12104811C<br>903623   | G2305002-03<br>CE23002070_3_1_01 | 6:Vareta F - PVX2210111<br>9:Eletrodo F - SFX1211951 | MW.25_BW  | 14/11/2023<br>S287 | VT-I-070 |                |               |            |        |        |             |             |
| 06 01 | S02   | OL    | 16" PIPE - A333-6 BE SMLS ✓<br>16x1.5" REDUCING SOCKOLET MSS SP-97 300 ✓ | 646<br>425 | 12104811C<br>21171207 | G2305002-03<br>CE2022/1596       | 6:Vareta F - PVX2210111<br>9:Eletrodo F - SFX1211951 | MW.23_SBR | 14/11/2023<br>S287 | VT-I-070 | MT: MT-I-038-A |               |            |        |        |             |             |
| 07 01 | S01   | BW    | 16x16" WN FLANGE ASME B16.5 150# A350-L ✓<br>16" PIPE - A333-6 BE SMLS ✓ | 36<br>646  | 67HC22<br>12104811C   | 224878<br>G2305002-03            | 6:Vareta F - PVX2210111<br>9:Eletrodo F - SFX1211951 | MW.25_BW  | 14/11/2023<br>S287 | VT-I-070 |                | RT: RT-I-0396 |            |        |        |             |             |

## Notes

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

## Remarks

## APPROVED QC

Name: *Patricia Teixeira*  
Date: *19/02/2024*  
Sign: *Patricia Teixeira*

## APPROVED by Client


Name: *L. Gomes*  
Date: *20/02/2024*  
Sign: *L. Gomes*

## APPROVED by 3rd party or AI

Name: *João Amador*  
Date: *20/02/2024*  
Sign: *João Amador*





|   |                         |  |   |  |                              |      |                           |         |                                 |   |                           |    |
|---|-------------------------|--|---|--|------------------------------|------|---------------------------|---------|---------------------------------|---|---------------------------|----|
|  <b>Technimont</b> |                         |  | <b>PIPING ISOMETRIC</b>                       |  | <b>IDENTIFICATION CODE</b>   |      |                           |         |                                 |   |                           |    |
|   |                         |  |   |  | Job                          | EICI | Area                      | N       |                                 |   |                           |    |
|   |                         |  |   |  | 4274                         | XHDL | 2121                      | FL40K02 |                                 |   |                           |    |
| PLANT: SINES INDUSTRIAL COMPLEX   |                         |  | CLIENT REF: REPSOL POLYMERS                   |  |                              | UNIT |                           | 19      | SHEET                           | 1 | REV                       | 01 |
| REFERENCES  | PIPING ASSEMBLY DRAWING |  | E C T N<br>19L-19-0002-2-00-066192<br>Sheet 2 |  | PIPING SUPPORT SPECIFICATION |      | E C T N<br>XH-SG-00000002 |         | PIPING STANDARD SUPPORT SUMMARY |   | E C T N<br>XH-1P-00000001 |    |
|   | PIPING ISOMETRIC LIST   |  | E C T N<br>XH-LD-21210001                     |  | PIPING TYPICAL INSTALLATIONS |      | E C T N<br>XH-SL-00000002 |         | WELDING SPECIFICATION           |   | E C T N<br>XH-SW-00000000 |    |
|   |                         |  |   |  |                              |      |                           |         |                                 |   |                           |    |
|   |                         |  |   |  |                              |      |                           |         |                                 |   |                           |    |



Joãozinho Pinto  
20/02/2024

| BOLT 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>       | 675         | 16"       | S01       | S         | 16"       | BW        |   |                 |               |             |
| <2>       | 1650 1499   | 16"       | S02       | S         | 1.1/2"    | OL        |   |                 |               |             |
| <3>       | 9892 9742   | 16"       | F03       | F         | 1.1/2"    | SW        |   |                 |               |             |
|           |             |           | S04       | S         | 16"       | BW        |   |                 |               |             |
|           |             |           | S05       | S         | 16"       | BW        |   |                 |               |             |
|           |             |           | F06       | F         | 16"       | BW        |   |                 |               |             |
|           |             |           | S07       | S         | 16"       | BW        |   |                 |               |             |
|           |             |           |           |           |           |           | INCH METER                                      |                 |               |             |
|           |             |           |           |           |           |           | PIPE NS (IN)                                    |                 | CL LENGTH (M) |             |
|           |             |           |           |           |           |           | 16  |                 | 15.3          |             |
|           |             |           |           |           |           |           | ISOMETRIC NO. 4274-SP-XH-DL-2121-FL40K02-1-IS01 |                 |               |             |
|           |             |           |           |           |           |           | SPOOLING REV NO. 07                             |                 |               |             |