

**RECOGNITION OF A TEST LABORATORY CERTIFICATE**

No. 02-003483/2014567

**THIS IS TO CERTIFY:**

That CROATIAN REGISTER OF SHIPPING did undertake, at the Laboratory's request, and pursuant of the Work instruction QW104 - "Recognition of test laboratory", on assessment of the organisational structure, responsibilities, facilities and associated quality assurance procedures of the referenced Laboratory with respect to test and testing standards, subject to any conditions in the Schedule of recognition attached hereto.

**1. LABORATORY:**Name of laboratory: **ZIT – ZAVOD ZA ZAVARIVANJE ISPITIVANJE I TEHNOLOGIJU d.o.o.**Address: **Rakitnica 6, 10040 ZAGREB, HRVATSKA - CROATIA****2. SCOPE OF RECOGNITION**

As listed in Annex I of the Schedule of recognition providing that test witnessing shall be as stated hereto.

**3. CONDITIONS FOR THE VALIDITY OF THE RECOGNITION**

- Tests are to be carried out and reported in compliance with the relevant Regulation(s).
- Surveillance audits are to be carried out annually by the CRS's surveyors and recorded in the Annex II of the Schedule of the recognition.
- CRS is to be informed immediately of any modification in the organisational structure, responsibilities, facilities and associated quality assurance procedures.

Recognition is valid until: **2025-01-24**Place and date: **Split, 2021-12-17**

Seal

Signature

Marinko Popović, dipl.ing.

## SCHEDULE OF RECOGNITION

Annex I to Certificate No:

No. 02-003483/2014567

| Item No. | Test method  | Regulation        | Test standards (latest edition)   | Test witnessing mode (see note) | Comments |
|----------|--|-------------------|---|---------------------------------|----------|
| 1.       | <b>Mehanička i tehnološka ispitivanja materijala</b><br><i>Mechanical and technological testings of materials</i>                              | CRS Rules Part 25 | HRN EN ISO 6892-1<br>HRN EN ISO 4136<br>HRN EN ISO 5178<br>HRN EN ISO 9017<br>HRN EN ISO 7438<br>HRN EN ISO 5173<br>HRN EN ISO 148-1<br>HRN EN ISO 9016<br>HRN EN ISO 6507-1<br>HRN EN ISO 9015-1<br>HRN EN ISO 17639<br>HRN EN ISO 8492<br>HRN EN ISO 8493<br>HRN EN ISO 8494<br>HRN EN ISO 8495<br>HRN EN ISO 8496<br>HRN EN ISO 3057<br>ASTM E112  | (1)                             |          |
| 2.       | <b>Ispitivanje metala i zavarenih spojeva, metodama bez razaranja</b><br><i>Testing of metals and welded joints by non-destructive methods</i> | CRS Rules Part 1  | HRN EN ISO 17636-1<br>ASME BPVC Section V<br>ASME BPVC Section VIII, Div 1<br>ANSI/ASME B31.3 Chapter VI<br>HRN EN ISO 23277<br>HRN EN ISO 17638<br>HRN EN 1593<br>API Standard 650 Addendum 1<br>HRN EN ISO 17640<br>HRN EN ISO 17637<br>HRN EN ISO 10893-6<br>HRN EN ISO 10893-8<br>NACE SP0274<br>DVGW G463<br>HRN EN 10160<br>HRN EN ISO 2178<br>HRN EN 1371-1<br>HRN EN 1369<br>HRN EN ISO 20601<br>HRN EN ISO 16809<br>HRN EN 12681-1<br>HRN EN 12680-1<br>HRN EN 12680-2<br>HRN EN 12680-3<br>HRN EN ISO 10863<br>HRN EN ISO 13588<br>HRN EN ISO 2409<br>NACE SP0188<br>HRN EN ISO 29601 | (2)                             |          |

Note:

- (1) Except otherwise agreed upon, the CRS witnessing is compulsory for every test.
- (2) First test and one per 4 years.
- (3) CRS witnessing is not compulsory.

|    |   |                   |  |     |  |
|----|---|-------------------|--|-----|--|
|    | <i>(Nastavljeno sa prethodne stranice)</i><br><i>(Continued from previous page)</i>                                   |                   | HRN EN 14730-1<br>ZIT PRO-087<br>HRN EN ISO 16859-1<br>HRN EN ISO 16276-2  | (2) |  |
| 3. | <b>Ispitivanje stručne sposobnosti zavarivača</b><br><i>Testing of welders ability</i>                                | CRS Rules Part 26 | HRN EN ISO 9606-1<br>HRN EN ISO 9606-2<br>HRN EN ISO 9606-4<br>HRN EN ISO 14732<br>ASME BPVC section IX                                      | (2) |  |
| 4. | <b>Ispitivanje postupaka zavarivanja</b><br><i>Testing of welding procedures</i>                                      | CRS Rules Part 26 | EN ISO 15613<br>EN ISO 15614-1<br>EN ISO 15614-2<br>EN ISO 15614-6<br>EN ISO 15614-8<br>ASME BPVC Section IX<br>HRN EN ISO 14555<br>API 1104 | (3) |  |
| 5. | <b>Vizualna kontrola nepristupačnih dijelova objekta (endoskopija)</b><br><i>Remote visual inspection (endoscopy)</i> | CRS Rules Part 1  | ZIT PRO-031  | (3) |  |

Note:

- (1) Except otherwise agreed upon, the CRS witnessing is compulsory for every test.
- (2) First test and one per 4 years.
- (3) CRS witnessing is not compulsory.

## SURVEILLANCE AUDITS

Annex II to Certificate no:

|                       |
|-----------------------|
| No. 02-003483/2014567 |
|-----------------------|

Mandatory survey due period (+/- 3 months):

|                     | 1.         | 2.         | 3.         |
|---------------------|------------|------------|------------|
| Due date:           | 2022-01-24 | 2023-01-24 | 2024-01-24 |
| Date of survey:     |            |            |            |
| Name and signature: |            |            |            |
| Seal:               |            |            |            |