



RECOGNITION OF A TEST LABORATORY CERTIFICATE

No. **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:	BRODOTROGIR CRUISE d.o.o. Laboratorij za ispitivanja bez razaranja i sa razaranjem / Laboratory for NDT and destructive testing
Address:	21220 Trogir - Put brodograditelja 16, 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: 2025-10-19

Place and date: Split, 2021-11-25

Seal

Signature

Marinko Popović, dipl.ing.

SCHEDULE OF RECOGNITION

Annex I to Certificate No:

No. 01-015034/0111438

Item No.	Test method	Regulation	Test standards (latest edition)	Test witnessing mode (see note)	Comments
1.	Vlačno ispitivanje metalnih materijala i zavarenih spojeva <i>Tensile test of metallic materials and welds</i>	CRS Rules Part 25 CRS Rules Part 26	HRN EN ISO 6892-1 HRN EN ISO 9018 HRN EN ISO 5178	(1)	
2.	Ispitivanje savijanjem metalnih materijala i zavarenih spojeva <i>Bend testing of metallic materials and welds</i>	CRS Rules Part 25 CRS Rules Part 26	HRN EN ISO 7438 HRN EN ISO 5173	(1)	
3.	Ispitivanje zavarenih spojeva lomljenjem <i>Fracture testing on welds</i>	CRS Rules Part 26	HRN EN ISO 9017	(1)	
4.	Ispitivanje cijevi sploštavanjem <i>Flattening test - tubes</i>	CRS Rules Part 25	HRN EN ISO 8492	(1)	
5.	Ispitivanje udarnog rada loma metalnih materijala i zavarenih spojeva Charpyjevim batom <i>Charpy pendulum impact test of metallic materials and welds</i>	CRS Rules Part 25 CRS Rules Part 26	HRN EN ISO 148-1 HRN EN ISO 14556 HRN EN ISO 9016	(1)	
6.	Makroskopsko i mikroskopsko ispitivanje zavara <i>Macroscopic and microscopic examination of welds</i>	CRS Rules Part 26	HRN EN ISO 17639	(2)	
7.	Ispitivanje tvrdoće metalnih materijala i zavara <i>Hardness testing of metallic materials and welds</i>	CRS Rules Part 25 CRS Rules Part 26	HRN EN ISO 6507-1 HRN EN ISO 9015-1	(2)	
8.	Vizualni pregled <i>Visual examination</i>	CRS Rules Part 26	HRN EN ISO 17635 HRN EN ISO 17637	(2)	
9.	Ispitivanje zavarenih spojeva magnetskim cesticama <i>Magnetic particle testing of welded joints</i>	CRS Rules Part 26	HRN EN ISO 17635 HRN EN ISO 17638 HRN EN ISO 23278	(2)	
10.	Ispitivanje zavarenih spojeva penetrantima <i>Penetrant testing of welded joints</i>	CRS Rules Part 26	HRN EN ISO 17635 HRN EN ISO 3452-1 HRN EN ISO 23277	(2)	
11.	Radiografsko ispitivanje materijala i zavarenih spojeva <i>Radiographic testing of materials and welded joints</i>	CRS Rules Part 26	HRN EN ISO 17635 HRN EN ISO 17636-1 HRN EN ISO 10675-1 HRN EN ISO 10675-2	(2)	
12.	Ultrazvučno ispitivanje zavarenih spojeva <i>Ultrasonic testing of welded joints</i>	CRS Rules Part 26	HRN EN ISO 17635 HRN EN ISO 17640 HRN EN ISO 22825 HRN EN ISO 23279 HRN EN ISO 11666	(2)	
13.	Ispitivanje stručne osposobljenosti zavarivača i operatera <i>Welders and welding operators qualification testing.</i>	CRS Rules Part 26	HRN EN ISO 9606-1 HRN EN ISO 9606-2 HRN EN ISO 9606-3 HRN EN 287-1 HRN EN ISO 14732	(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.

SURVEILLANCE AUDITS

Annex II to Certificate no:

No. 01-015034/0111438

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

	1.	2.	3.
Due date:	2022-10-19	2023-10-19	2024-10-19
Date of survey:			
Name and signature:			
Seal:			