



## RECOGNITION OF A TEST LABORATORY CERTIFICATE

No. 01-013862/0110013

## 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: RŽ TEHNIČKA KONTROLA AD / RZ TECHNICAL CONTROL AD

Address: 16. Makedonska brigada 18, 1000 SKOPJE, REPUBLIC OF NORTH MACEDONIA

## 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: 2023-06-05

Place and date: Split, 2019-12-18

Seal

Signature

Marinko Popović, dipl.ing.

## SCHEDULE OF RECOGNITION

Annex I to Certificate No:

No. **01-013862/0110013**

Item No.	Test method	Regulation	Test standards (latest edition)	Test witnessing mode (see note)	Comments
1.	<b>Kemijska analiza</b> <i>Chemical analysis</i>	CRS Rules Part 25	EN ISO 15350 EN ISO 15351 ISO 4935	(2)	
2.	<b>Vlačno ispitivanje metalnih materijala i zavarenih spojeva</b> <i>Tensile test of metallic materials and welds</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 6892-1 EN ISO 6892-2 EN ISO 4136 ASTM A370	(1)	
3.	<b>Ispitivanje savijanjem metalnih materijala i zavarenih spojeva</b> <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 ASTM A370	(1)	
4.	<b>Ispitivanje sploštavanjem, ispitivanje proširivanjem i ispitivanje proširivanjem s trnom</b> <i>Flattening test, Drift-expanding test and Ring-expanding test</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 8492 EN ISO 8493 EN ISO 8495	(1)	
5.	<b>Ispitivanje tvrdoće i metalnih materijala i zavara</b> <i>Hardness testing of metallic materials and welds</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 6506-1 EN ISO 6507-1 EN ISO 6508-1 EN ISO 9015-1	(1)	
6.	<b>Metalografsko ispitivanje</b> <i>Metallographic examination</i>	CRS Rules Part 25 CRS Rules Part 26	HRN EN ISO 17639 ASTM E1382 ASTM E930 ASTM E1245 EN ISO 643	(2)	
7.	<b>Ispitivanje udarne radnje loma</b> <i>Impact test</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 148-1 EN ISO 9016 ASTM A370	(1)	
8.	<b>Vizualno ispitivanje</b> <i>Visual examination</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 17637 EN 1370 EN 13455-5	(2)	
9.	<b>Ispitivanje penetrirajućim tekućinama</b> <i>Dye penetrant testing</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 3452-1 EN ISO 10893-1 EN ISO 3059	(2)	
10.	<b>Ispitivanje magnetskim česticama</b> <i>Magnetic particle testing</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 23278 EN ISO 17638	(2)	
11.	<b>Radiografska ispitivanja</b> <i>Radiographic testing</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 17636-1 EN ISO 17636-2 EN ISO 10675-1	(2)	
12.	<b>Ultrazvučno ispitivanje</b> <i>Ultrasonic testing</i>	CRS Rules Part 25 CRS Rules Part 26	EN ISO 16810 EN ISO 23279 EN ISO 17640 EN ISO 11666	(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. <b>01-013862/0110013</b>
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Mandatory survey due period (+/- 3 months): .....

	1.	2.	3.
Due date:	<b>2020-06-05</b>	<b>2021-06-05</b>	<b>2022-06-05</b>
Date of survey:			
Name and signature:			
Seal:			