

**RECOGNITION OF A TEST LABORATORY CERTIFICATE**No. **01-007870/015125****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: **3. MAJ BRODOGRADILIŠTE KEMIJSKI LABORATORIJ**Address: **Liburnijska 3, 51000 RIJEKA****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: **2013-04-27**Place and date: **2009-04-27**

Seal

Signature

Goran Begović, dipl.ing

SCHEDULE OF RECOGNITION

Annex I to Certificate No:

No. 01-007870/015125

Item No.	Test method	Regulation	Test standards	Test witnessing mode (see note)	Comments
1.	Ispitivanje kemijskog sastava metalnih materijala <i>Chemical testing of metallic material</i>	Pravila HRB-a Dio 25 <i>CRS Rules Part 25</i>	SB 5343 Priručnik o ispitivanju/ Testing manual	(3)	-
2.	Određivanje sadržaja vode u ulju <i>Determination of water contents in oil</i>	Pravila HRB-a Dio 24 <i>CRS Rules Part 24</i>	HRN B.H8.039	(3)	
3.	Određivanje mehaničkih nečistoća u ulju <i>Determination of oil and lubricant contents in blidge water</i>	Pravila HRB-a Dio 24 <i>CRS Rules Part 24</i>	ISO:4406 NAS 1638	(3)	
4.	Određivanje ulja i masti u kaljužnoj vodi <i>Determination of oil and lubricant contents in blidge water</i>	Pravila HRB-a Dio 24 <i>CRS Rules Part 24</i>	HRN H.Z1.150	(3)	
5.	Ispitivanje tvrdoće, pH, klorida i kisika u vodi <i>Testing hardness, ph-value, chloride and oxygen in water</i>	-	Priručnik o ispitivanju i tehnološkim uvjetima pripreme pogonske vode/ Manual of technological condition, prepare and testing industrial water	(3)	
6.	Ispitivanje fizikalnih karakteristike boje i abraziva <i>Physical testing characteristics of paint abrasive</i>	CRS Rules Part 24	ISO:2409; ISO:8501-1 ISO:11127-2,5,6 ISO:2808 SB:5932; SB 5308; SB 5309 ASTM D3359 ASTM D1005	(3)	
7.	Ispitivanje koncentracije kiseline i elektrolita sadržaja Fe i pH inhibitora <i>Acid concentration and electrolyte, ferrous contents and pH inhibitor testing</i>	-	Radna uputa QF-D-101.11.1.1-2 QF-D-101.11.2.4-2 Working instruction	(3)	
8.	Nadzor izvođenja AKZ čeličnih površina, pregled čistoće površine, debljine premaza, prionjivost, uvjeta nanošenja <i>Supervision of steel surface corrosive protection activity, surface cleanness, thickness coat of paint, adhesiveness and inflection</i>	CRS Rules Part 24	ISO:8501-1 ISO:2409;ISO:2808 ISO:8504-2,3; ISO 8502-3,4,6 ISO 8503-2 ISO 4624 SB:5932; SB:5309; SPSS/84	(3)	-
9.	Antikorozivna zaštita Mjerenje zaštitnog potencijala <i>Anticorrosive protectio: Determination of protective potential</i>	CRS Rules Part 24	SB 7439	(3)	-
10.	Ispitivanje fizikalnih i kemijskih čimbenika radnog okoliša <i>Physico-chemical testing characteristics of industrial environment</i>	/	NN 59/96;114/02; 92/93;20/03;142/04; 46/08; 6/84, HRN U.C9.100; HRN U.J5.600,	(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. 01-007870/015125

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

	1.	2.	3.
Due date:	2010-04-27	2011-04-27	2012-04-27
Date of survey:			
Name and signature:			
Seal:			

Raščlana

55.00

Zamjenjuje potvrdu

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