



Marine & Offshore

Certificate number: SMS.LAB.320/61913/C.1

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RECOGNITION OF TEST LABORATORY

BRODOSPLIT - Laboratorij d.o.o.
Split - CROATIA

Summary of the range of the recognition which is detailed in the subsequent page(s):

MATERIAL MECHANICAL TESTS, NON-DESTRUCTIVE TESTS, CHEMICAL ANALYSIS / TESTS AND COATING TESTS

This certificate is issued to attest that Bureau Veritas Marine & Offshore has performed, at the above company's request and in compliance with the requirements of NR320, a satisfactory assessment of the testing facilities and associated quality procedures related to the range of the recognition.

This certificate will expire on: 23 Sep 2024

For Bureau Veritas Marine & Offshore,

At BV RIJEKA, on 19 Nov 2020,

Slaven Celic



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarp.com/veristarnb/jsp/viewPublicPdfRecognition.jsp?id=vzjknquaxs>

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

Type of test	Test standard	Test witnessing requirements	Remark
Bend Test	EN ISO 5273;EN ISO 7438	Tests to be witnessed	Bureau Veritas Rules
Blasting abrasives testing	ISO 11127 & ISO 11125	Tests to be witnessed at least once per year	
Cathodic protection	SB 7439	Tests to be witnessed at least once per year	
Chemical Analysis	CR 10261	Tests to be witnessed at least once per year	Bureau Veritas Rules
Coating adhesion test	ISO 4624	Tests to be witnessed at least once per year	
Coating hardness test	ISO 1522	Tests to be witnessed at least once per year	
Coating porosity test	NACE RP 0188	Tests to be witnessed at least once per year	
Coating thickness testing (dry and wet film)	ISO 2808	Tests to be witnessed at least once per year	
Contamination of steel	ISO 8502-6 & ISO 8502-9	Tests to be witnessed at least once per year	
Delta perlite measurement	EN ISO 17655	Tests to be witnessed at least once per year	
Determination of density	ISO 2811-1	Tests to be witnessed at least once per year	
Dye Penetrant Test	EN ISO 3452-1;EN ISO 23277;EN 1371;EN 10228-2	Tests to be witnessed at least once per year	Bureau Veritas Rules
Fracture test	EN ISO 9017	Tests to be witnessed	Bureau Veritas Rules
Hardness Test	EN ISO 6506-1; ISO 6506-2; ISO 6507-1	Tests to be witnessed at least once per year	Bureau Veritas Rules
Hydraulic oil contamination by solid particles	ISO 4406	Tests to be witnessed at least once per year	
Impact Test	EN ISO 148-1,EN 875	Tests to be witnessed	Bureau Veritas Rules
Macrographics	EN ISO 17639	Tests to be witnessed at least once per year	Bureau Veritas Rules
Magnetic Particle Test	EN ISO 17638;EN ISO 23278	Tests to be witnessed at least once per year	Bureau Veritas Rules
Metalography	EN ISO 17639;EN ISO 945	Tests to be witnessed at least once per year	Bureau Veritas Rules
Relative humidity, surface temp. and dew point temperature	ISO 8502-4	Tests to be witnessed at least once per year	
Steel Surface Cleanliness	ISO 8502-3	Tests to be witnessed at least once per year	
Steel Surface Roughness	ISO 8503-4	Tests to be witnessed at least once per year	
Tensile Test	EN ISO 6892-1;EN ISO 4136	Tests to be witnessed	Bureau Veritas Rules
Ultrasonic Test	EN ISO 17640;EN ISO 11666;EN ISO 16810	Tests to be witnessed at least once per year	Bureau Veritas Rules

Type of test	Test standard	Test witnessing requirements	Remark
Ultrasonic test PAUT	EN ISO 13588	Tests to be witnessed at least once per year	
Ultrasonic test TOFD	EN 583-6;EN ISO 10683;EN ISO 15626	Tests to be witnessed at least once per year	
Viscosity (Ford cup)	ASTM D 1200	Tests to be witnessed at least once per year	
Visual Examination	EN ISO 17637;EN 13018;.EN ;EN 5817;EN 10042	Tests to be witnessed at least once per year	Bureau Veritas Rules
Volume solids	ISO 3233	Tests to be witnessed at least once per year	
X Rays	EN ISO 1763-1;EN ISO 10675-1	Tests to be witnessed at least once per year	Bureau Veritas Rules

2. LIMITATIONS

Bureau Veritas Marine & Offshore is to be informed immediately of any modification to testing facilities and associated quality procedures in order to agree on appropriate actions.

BRODOSPLIT - Laboratorij d.o.o. has to carry out and report the tests in compliance with the relevant testing standard(s) and has to make the necessary arrangements to comply with the witnessing requirements agreed with Bureau Veritas Marine & Offshore.

BRODOSPLIT - Laboratorij d.o.o. has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

3. REMARKS

Nil.

*** END OF CERTIFICATE ***