



Marine &amp; Offshore

Certificate number: SMS.LAB.320/87278/C.1

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## RECOGNITION OF TEST LABORATORY

**ISTARSKO VELEUCILISTE**  
Pula - CROATIA

**Summary of the range of the recognition which is detailed in the subsequent page(s):**  
MATERIALS TESTING LABORATORY

*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: 21 Aug 2024**

For Bureau Veritas Marine & Offshore,  
At BV RIJEKA, on 12 Mar 2021,  
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](http://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.

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## THE SCHEDULE OF RECOGNITION

### 1. RANGE OF THE RECOGNITION

Type of test	Test standard	Test witnessing requirements	Remark
Bend test	EN ISO 7438:2016	Tests to be witnessed	
Bend test welded joints	EN ISO 5173:2012	Tests to be witnessed	
Chemical analyzis	ASTM E 415 - 17	Tests to be witnessed at least once per year	Glow discharge Spectrometer LECO type GDS 500
Detection of asbestos	by FE SEM	Tests to be witnessed	
Flattening test - Tubes	EN ISO 8492:2013	Tests to be witnessed	
Fracture test welded joints	EN ISO 9017:2018	Tests to be witnessed	
Impact test	EN ISO 148-1:2016; EN ISO 14556:2015, EN ISO 9016:2012	Tests to be witnessed	
Makrosopic and microscopic exam. of welds	EN ISO 17639:2013	Tests to be witnessed at least once per year	
Microstructure of cast irons-graphite classification by visual analysis	EN ISO 945-1:2019	Tests to be witnessed at least once per year	
Standard test methods for determ. avarage grain size	ASTM E 112-13	Tests to be witnessed	
Standard test methods for determ. the inclusion content of steel	ASTM E 45 -18a	Tests to be witnessed	
Steel- Micrographic determ. of the apparent grain size	EN ISO 643:2000	Tests to be witnessed at least once per year	
Tensile test	EN ISO 6892-1:2019, EN ISO 9018:2015, EN ISO 5178:2019	Tests to be witnessed	
Textile-glass-reinforced plastics Determ. of the textile-glass and mineral	EN ISO 1172:1999	Tests to be witnessed	
Vickers hardness test	EN ISO 6507-1:2018; EN ISO 9015-2:2016	Tests to be witnessed	

### 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.

ISTARSKO VELEUCILISTE 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.

ISTARSKO VELEUCILISTE has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

### 3. REMARKS

Nil.

\*\*\* END OF CERTIFICATE \*\*\*