



Marine & Offshore

Certificate number: SMS.LAB.320/148281/A.0

www.veristar.com

RECOGNITION OF TEST LABORATORY

Element Materials Technology
Houston, TX - UNITED STATES OF AMERICA

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

Material testing: destructive, metallographic, chemical testing of ferrous and non-ferrous materials.

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: 17 Dec 2028

For Bureau Veritas Marine & Offshore,
At BV PORT EVERGLADES CENTRE, on 28 Dec 2024,
Flavio Rosas

This certificate was created electronically and is valid without signature



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=eog4eakbdw>

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

Type of test	Test standard	Test witnessing requirements	Remark
Bend Test	MET-20.06 Rev.12	Tests to be witnessed -as practicable- at each periodical audit	
Break Test	MET-20-21 Rev.0	Tests to be witnessed -as practicable- at each periodical audit	
Charpy V-Notch Impact	MET-20.07 Rev.16	Tests to be witnessed -as practicable- at each periodical audit	
Chemistry	MET-30-01 Rev.16	Tests to be witnessed -as practicable- at each periodical audit	
Corrosion	MET-80.01 Rev.3	Tests to be witnessed -as practicable- at each periodical audit	
Drift Expanding Test	MET-20.15 Rev.2	Tests to be witnessed -as practicable- at each periodical audit	
Flanging Test	MET-20-14 Rev.2	Tests to be witnessed -as practicable- at each periodical audit	
Flattening Test	MET-20.16 Rev.3	Tests to be witnessed -as practicable- at each periodical audit	
Hardness	MET-40.04 Rev.16/MET-20.05 Rev.14 B/MET-20.02 Rev.15	Tests to be witnessed -as practicable- at each periodical audit	
Macrographic	MET-40-08 Rev.9	Tests to be witnessed -as practicable- at each periodical audit	
Micrographic	MET-40-09 Rev.5	Tests to be witnessed -as practicable- at each periodical audit	
Tensile Test	MET-20.01 Rev.20	Tests to be witnessed -as practicable- at each periodical audit	

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.

Element Materials Technology 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.

Element Materials Technology has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

3. REMARKS

Element Test Reports to be submitted to BV are required to refer to BV Project Number, which is to be provided to Element Lab by its customer.

BV Project Number Format: BVN-YYYY-XXXXXXX (YYYY - Year / XXXXXXX - Proj Number).

BV Fees to be charged per Fee Agreement between Bureau Veritas and Element Laboratories.

*** END OF CERTIFICATE ***