

Recognised proving establishment for anchoring and mooring equipment

Manufacturer	BD Marine Ltd								
Address	BDM House, Crosshouse Road, Southampton, HAMPSHIRE, SO14 5GZ, United Kingdom								
Type	Anchoring And Mooring Equipment Testing								
Limitations	<p>The proof test machine calibration is to be carried out in accordance with ISO 7500/1 or equivalent.</p> <p>The relative errors are not to exceed the following:</p> <table><tr><td>Accuracy</td><td>± 1.0%</td></tr><tr><td>Repeatability</td><td>1.0%</td></tr><tr><td>Reversibility</td><td>1.5%</td></tr><tr><td>Zero</td><td>± 0.1%</td></tr></table>	Accuracy	± 1.0%	Repeatability	1.0%	Reversibility	1.5%	Zero	± 0.1%
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Zero	± 0.1%								
Equipment Type	<p>Approved Testing Machines;</p> <p>Manufacturer; George Downer & Sons, Machine Serial No. 6448. Approved for the testing of Chain cable, Chain cable accessories and Anchors to maximum load capacity 2750 kN.</p> <p>Manufacturer; Avery, Machine Serial No. E69103. Approved for the test of chain cable accessories to maximum load capacity 1570 kN.</p>								

This approval is subject to compliance with the Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Gavin Young

Senior Metallurgist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Project: **Calibration of Testing Machines.
Lloyd's Register Recognized Proving Establishment
Qualification.**

Client: **BD Marine Limited.**

Office: **Southampton**

Client's Order Number: -

Date: **12 January 2022**

Order Status: **Complete**

Inspection Dates

First: **12 January 2022**

Final: **12 January 2022**

This statement is issued to **BD Marine Limited**

to certify that, at their request, the undersigned surveyor did attend their premises at Southampton, U.K. on the date shown for the purpose of part witnessing calibration of:

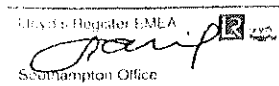
Horizontal Tensile Test Machine Range 0-278 tonnes, Serial No. 6448.
Avery Universal Testing Machine Range 0-160 tonnes in compression Type 7104, Serial No. E69103.

Scope

1. Review of equipment and procedures provided by R & H Testing Services Limited (R&H) of Burntwood, Staffs.
2. Verification of UKAS accreditation of R&H for the calibration service.
3. Review of calibration data for the calibrating devices used.
4. Part witness of the calibration activity.
5. Review of R&H final calibration certificates.

The machines were considered calibrated in accordance with the requirements of BS EN ISO 7500-1:2018 for Class 1 accuracy (minimum) as detailed in the calibration certificates issued by R&H (NOTE: Class 1 ranges as specified on R & H certificates).

The machines were considered to meet with Lloyd's Register requirements under Lloyd's Register Recognized Proving Establishment procedure MQPS Book H, Procedure 10-6.



H.Khan
Surveyor to Lloyd's Register EMEA

a member of the Lloyd's Register group.

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