



### 3. Services

# Services

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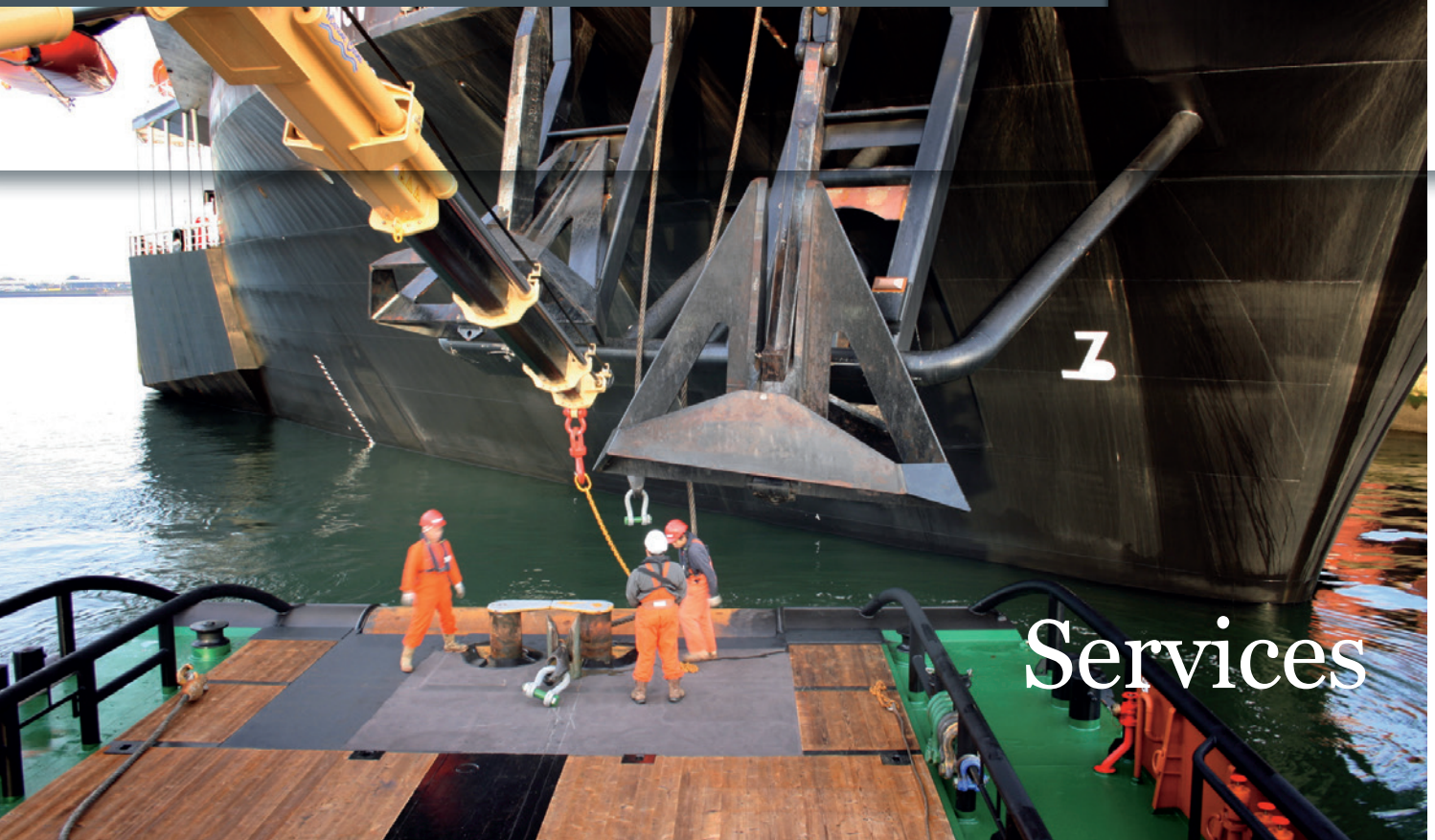
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Hendrik Veder is well aware of the complex regulations regarding lifting-, towing-, mooring-, rigging-, and lashing-equipment. In addition to providing superior quality products, we provide services that guarantee your safety. Our service- and fault-clearing service is available 24/7 in order to get you running again in no time. Have a closer look at the services we provide.

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## Inspection & (re-)certification

As an owner of steel wire ropes, or lifting-, towing-, rigging-, mooring and lashing-equipment, you must maintain equipment safety, which means that an annual inspection is mandatory. These inspections should be done by a certified expert and reported in writing. In addition, mandatory inspections for other equipment are also necessary. Hendrik Veder performs maintenance inspections and equipment certification on site and in-house. An approved product receives a proof (re)certification or an inspection report. Please contact us to make an inventory of all necessary certifications.



## (Load-)testing / load testing of cranes

All materials, both new and assembled, can be inspected according to a customer's requirements and (re)certified by all international classification authorities. The breaking load of hauling and lifting equipment can be tested in the test-beds facility. We also have several in-house draw-benches with a capacity of up to 12,500 kN for the destructive testing and test loading of lifting equipment.



### Class 1 testing machine

Accuracy	± 1.0%
Capacity	12,500 kN pull & push
Max. length test items	7.5 meter

## Reeving and unreeving of cranes and winches

Hendrik Veder is an excellent choice for reeving and unreeving of cranes and winches.

We currently have 4 spooling machines with a capacity of up to 250 tons unit weight.

We also have a hydraulic wire rope tensioning machine with a back tensioning capacity of 45 tons. The machine is available for rental, with or without an operator.



**Diesel hydraulic spooler 250T**

Max. back tension:	52T
Drum speed:	Max. 11 rpm
Max. reel weight:	250T (working load reel capacity)
Max. reel dimensions:	4,500mm diameter x 4,500mm wide
Support shafts:	5" (reel max. 20T), 7" (50T), 9" (75T), 12" (250T)
Weight of unit:	23T excluding steel reel
Dimension of unit:	8,000mm long x 3,000mm wide x 3,885mm high



**Tensioning machine HV 7**

Max. cable tension:	45T
Rope speed:	Max. 9.75 M/min
Max. cable diameter:	4"
Drum rotation:	3.65 M
Weight of unit:	14T
Dimension of unit:	4,630mm long x 2,470mm wide x 2,320mm high

## Reconditioning and overhaul

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We also do the reconditioning and overhaul of steel wire ropes and lifting-, towing-, rigging-mooring and lashing-equipment.

## Complete annual and quadrennial lifeboat surveys

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It is mandatory to test lifeboats on a regular basis. With the help of water bags we test both lifeboats and related equipment. Any possible defect to the boat or the ropes is repaired immediately. An approved lifeboat receives a proof of (re)certification.