

To do the tests, the shown set up can be used.

The functional tests can be made as follows:

OFF-LOAD release test:

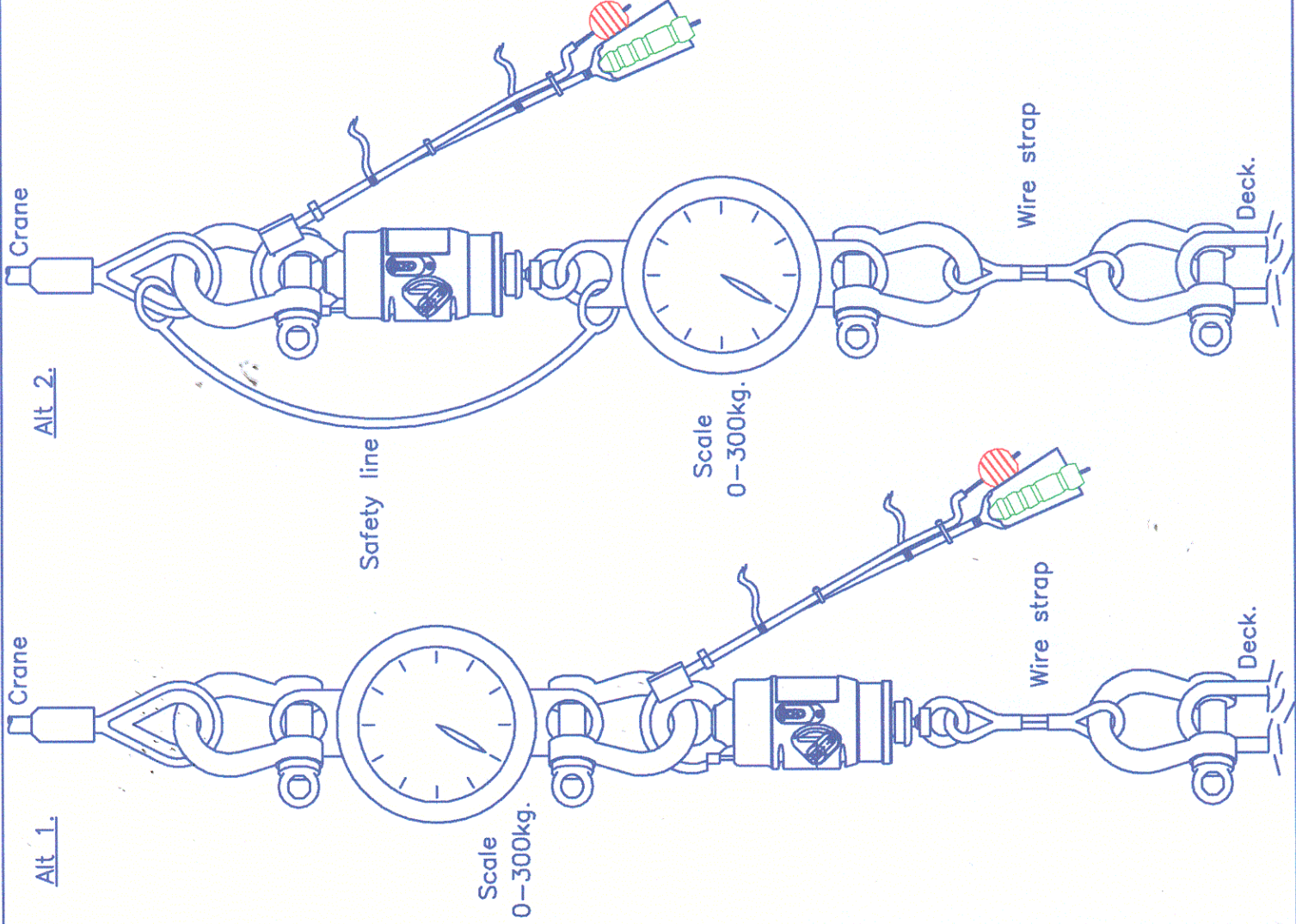
1. After engagement the hook is loaded with a tension of 100-150 kg.
2. The hook is activated into OFF-Load, either by pushing the white sleeve up by means of pressing the green bottom up, or by pulling the green handle. Check that the sleeve remains in this position and that the OFF-Load table is visible beneath the sleeve.
3. Release the tension in a continuously proces, while watching the scale and notice, at which load the hook releases.
4. It shall release the male part at a load below app. 30kg. It shall not release at a load higher than 50 kg.
5. The load read on the scale must be added the weight of the equipment hanging in the male part, to get the right release load.
 The release load is according to the rules 5 to 30 kg.

The accuracy of this figure is not essential, but it is essential that the hook does release.

ON-LOAD release test:

- 1a. After engagement the hook is loaded with a tension of app. 150 kg.
- 2a. The hook is activated into OFF-Load as described.
- 3a. Pull the red handle as described, the hook shall release the male part.
- 1b. After engagement the hook is loaded with a tension of app. 300 kg.
- 2b. The hook is activated into OFF-Load as described.
- 3b. Pull the red handle as described, the hook shall not release the male part.

All tests and services must be recorded in the certificate, which inside is a log card. In this respect the certificate must be kept onboard and follow the hook, in case it is sent for on shore service.



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Art. Thanner Safety Release Hook	
Detail Proposal for functional test rig	
Name. AL	Date 9/12-97
App.	Date
Scale. 1:5	Dwg.No. ILR 94-008

D			
C			
B			
A			

Modification.

Date