



# MANUFACTURING SURVEY ARRANGEMENT

MSA no.:  
**MSA0000BNX**  
Revision no.:  
**1**

Between "Manufacturer"

**Tecklenborg, Kegel GmbH**  
**Bremerhaven, Germany**

and

"DNV"  
**DNV SE**  
**Hamburg – CMC North/East**

Ref. Recognition Certificate: MSARC0000BNX

This Manufacturing Survey Arrangement (MSA) is applicable to

- **Assembling of steel wire ropes with press rope-end attachments made of aluminium, and non alloy carbon steel end-press fittings acc. EN 13411-3.**
- **Assembling of steel wire ropes with metal and resin socketing acc. EN 13411-4**
- **Rope splices acc. EN 13411-2 for steel wire and fibre ropes**
- **Cutting to length of steel wire ropes and transfer of the data to a LA4 sub-certificate**
- **Cutting to length of fibre ropes and transfer of the data to a F497 sub-certificate**

subject to testing and inspection for conformance with the requirements of DNV Rules, as stated herein.

The MSA implies that the manufacturer is authorised to perform the testing and inspection without the attendance of DNV and to prepare the certificates which will be validated by DNV.

The MSA is valid until **2030-03-01**

The MSA will, however, be invalid if the Recognition Certificate is invalid, or if the manufacturer's Quality System Certificate no. 10682775 is invalid.

The MSA is governed by DNV's general terms and conditions. These may be provided upon request.

Issued at **Hamburg – CMC North/East** on **2026-03-04**

for **TECKLENBORG, KEGEL GMBH**

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