



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00001AT
Revision No:
4

This is to certify:

that

Hönnetaler Kettenfabrik GmbH & Co. KG
Bundesstraße 30, 59846 Sundern-Hövel,
Germany

is an approved manufacturer of
Chain Cables

in accordance with

DNV rules for classification – Ships
DNV rules for classification – Naval vessels
DNV class programme – DNV-CP-0254 Anchor chain cables and accessories

and the following particulars:

Product	Anchor Chain Cables and Accessories
Grade(s)	See page 2
Max. diameter	See page 2
Heat treatment condition	See page 2
Additional approval conditions	Including material grades for chains and accessories according to international standards, see page 2

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.
Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2026-06-02**

This Certificate is valid until **2029-04-30**.

DNV local unit: **Essen**

Approval Engineer: **Torben Schälicke**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

Christian Wildhagen

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Particulars of the approval

Anchor Chain Cables and Accessories:

Grade	Product ¹⁾	Heat treatment condition ²⁾	Max. diameter [mm]
NV K1	CC	N, AR	45
	A		67
NV K2	CC	N, QT	45
	A		67
NV K3	CC	QT	45
	A		67
1.3952.9 ³⁾	CC	acc. standard	45
	A		67
1.3964.9 ⁴⁾	CC		45
	A		67
1.4301 acc. EN 10088-3	CC		45
	A		67
1.4401 acc. EN 10088-3	CC		45
	A		67
1.4571 acc. EN 10088-3	CC		45
	A		67
Chains acc. DIN 5683-1	CC	acc. standard	39
Chain accessories acc. DIN 5683-2	A	acc. standard	39

Remarks:

- ¹⁾ CC: chain cables
A: accessories
- ²⁾ N: Normalised
QT: Quenched and tempered
AR: As rolled
- ³⁾ Chemical analysis as per WL 1.3952-3. Properties acc. Zeile 9 to 20 as per WL 1.3952-3. Other parts of WL1.3952-3 are not covered by this approval.
- ⁴⁾ Chemical analysis as per WL 1.3964-2. Properties acc. Zeile 9 to 20 as per WL 1.3964-2. Other parts of WL1.3964-2 are not covered by this approval.