

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:**That****Walzwerke Einsal GmbH**
Altenaer Str. 85, 58769 Nachrodt , Germanyis an approved manufacturer of
Rolled Steel Productsin accordance with
DNV GL rules for classification – Ships
DNV GL rules for classification – Naval vessels

and the following particulars:

Product	Rolled steel bars
Grade(s)	Non-magnetizable steel: 1.3964 acc. to SEW 390
Delivery conditions	Solution annealed and quenched
Max. thickness/diam.	See particulars of the approval

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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2017-01-05**This Certificate is valid until **2019-01-31**.
DNV GL local station: **Essen**Approval Engineer: **Christian Wildhagen**for **DNV GL**

Thorsten Lohmann
Head of Section

Job Id: **263.11-005885-1**
Certificate No: **AMMM000014S**

Particulars of the approval

Rolled steel products:

Grade	Product	Supply Condition	Thickness [mm], max.
Non-magnetizable steel acc. to SEW 390			
1.3964	ST	S+Q	30 x 10 150 x 30 100 x 100

ST: bars

S+Q: solution annealed + quenched