

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000147
Revision No:
2

This is to certify:

That

BGH Edelstahl Siegen GmbH
Industriestraße 9, 57076 Siegen,
Germany

is an approved manufacturer of
Steelmaking

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for rolling or forging stock (Ingot Castings, Forged Blanks and Bars), see page 2
Steel type	Carbon and carbon-manganese, Alloy, Ferritic Stainless, Martensitic Stainless, Austenitic Stainless, 22Cr duplex, 25Cr duplex
Manufacturing method	Electric arc furnace, Ingot casting
Deoxidation	Killed
Additional approval conditions	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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2020-01-23**

for **DNV GL**

This Certificate is valid until **2023-02-28**.

DNV GL local station: **Essen**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-003537-3**
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Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Max weight [kg]	Heat treatment condition ²⁾
Carbon and carbon-manganese	Ingot Castings, Forged Blanks, Bars	EAF, IC	50 000	AC
Alloy				
Ferritic Stainless				
Martensitic Stainless				
Austenitic Stainless				
22Cr duplex, 25Cr duplex				

Remarks:

- 1) EAF: electric arc furnace
IC: ingot casting
- 2) AC: as cast

Special conditions:

1. Including 'clean steel forged bars' as pre-material for crankshafts up to maximum diameter 650 mm
2. Including 'clean steel forged bars' as blanks for case hardened gear transmissions and short shafts with "specially approved forging process" up to maximum diameter 650 mm