

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That
BGH Polska Sp. z o.o.
Katowice, Poland

is an approved manufacturer of
Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Product Grade(s)	Rolled (flat) bars for machinery application Carbon and carbon-manganese, Alloy, Martensitic stainless, Austenitic stainless, 22Cr duplex stainless
Manufacturing method	Electric Arc Furnace, Ingot or continuous casting
Max. thickness / diameter	See particulars of the approval
Heat treatment condition	See particulars of the approval
Additional approval conditions	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 **2018-03-12**

for **DNV GL**

This Certificate is valid until **2020-12-31**.

DNV GL local station: **Katowice**

Approval Engineer: **Gabi Dau**

Thorsten Lohmann
Head of Section



Particulars of the approval

Rolled (flat) bars for machinery application

Steel type ³⁾	Product	Steel making ¹⁾	Max. thickness / diameter [mm]	Delivery condition ²⁾
C and C-Mn	Bar	EAF, IC, CC	72	NR
Alloy				QT
Martensitic stainless				QT
Austenitic stainless				SHT
22Cr duplex stainless				SHT

Remarks:

- 1) EAF: Electric arc furnace
CC: Continuous casting
IC: Ingot casting
- 2) NR: normalising rolling
QT: quenched and tempered
SHT: solution heat treated (solution annealed)
- 3) Certification of any material applied to classed object shall fulfil the applicable material requirements in the DNV GL class rules

Special conditions:

Including austenitic stainless steel for approved low-temperature applications