

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

**Kyoei Steel Ltd. Yamaguchi Division
6289-18, Onoda, Sanyoonoda, Yamaguchi,756-0817,
Japan**is an approved manufacturer of
Steelmaking and Rolled Steel Productsin accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Normal strength steel
Products	Sections
Manufacturing method	Electric ARC furnace, Continuous casting
Max. thickness / diameter	See page 2
Heat treatment condition	See page 2
Deoxidation	Killed

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 **2019-03-25**This Certificate is valid until **2021-12-31**.DNV GL local station: **Hiroshima**Approval Engineer: **Enno Brück**for **DNV GL**

Digitally Signed By: Wildhagen, Christian

Location: DNV GL Hamburg, Germany

Signing Date: 2019-03-25, on behalf of

**Thorsten Lohmann
Head of Section**