



Approval No. ST381CF

Certificate No. TA191335E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

**Karl Diederichs GmbH & Co. KG
Luckhauser Str., Remscheid
Germany**

has been approved for the manufacturing process of undermentioned materials by the NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2, Part K of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 3, Part 1 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

MATERIALS : Low-Alloy Steels

PROCESS : Forging / Heat treatment

REMARK : Semi-finished products are to be supplied by the Society-approved manufacturers who are able to deliver the said semi-finished products with the specified chemical composition corresponding to the above materials approved.

The products for the ships classed with the Society are to be manufactured, tested and inspected in compliance with the Rules.

This certificate is valid form 15 October 2019 until 29 May 2021.

Issued at Tokyo on 25 October 2019.

**H. Kobayashi
General Manager
Material and Equipment Department**

Note: This certificate was rewritten because of change of the company name.

