



Approval No. ST294CF  
Certificate No. TA20485E

*APPROVAL OF MANUFACTURING PROCESS*

*This is to certify that*

**Schmiedag GmbH**  
Hagen, North Rhine-Westphalia  
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* : Carbon Steels  
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 from 11 December 2019 until 10 December 2024.  
Issued at Tokyo on 24 April 2020.



*[Handwritten signature]*

Y. Takao  
General Manager  
Material and Equipment Department