

COPY

Approval No. ST451CF  
Certificate No. TA23455E

**APPROVAL OF MANUFACTURING PROCESS**

*This is to certify that*

**Björneborg Steel AB**  
Kristinehamnsvägen 2, SE-681 61 Björneborg, SWEDEN

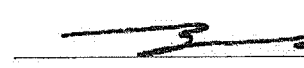
*has been approved for the manufacturing process of undermentioned materials by the NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2, Part K of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 3, Part 1 of the Society's "Guidance for the Approval and Type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

**MATERIALS** : Carbon Steels  
Low-Alloy Steels

**PROCESS** : Ingot Casting / Forging / Heat Treatment

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 8 February 2023 until 7 February 2028.  
Issued at Tokyo on 8 August 2023.

  
Y. Takao  
General Manager  
Material and Equipment Department

