



certify that

Special Steel Group Fushun Special Steel Co., Ltd.
Fushun, Liaoning
China

This is to certify

Dongbei S

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 "Rules for the Survey and Construction of Steel Ships" and Chapter 3, Part 1 "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

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 "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

- Materials : Ingot for Carbon Steel Forging (only for Casting)
- Ingot for Low-Alloy Steel Forging (only for Casting)
- Carbon Steels (only for Forging)
- Low-Alloy Steels (only for Forging)

MATERIALS

- Processes : Casting
- Forging

PROCESSES

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

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This certificate is valid until 29 March 2019.
It was issued on 5 December 2014.

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It was issued at Tokyo on 5 December 2014.

November 2014

Renewal Date : 5 December 2015



T. Imamura
General Manager
Material and Equipment Department

