



Approval No. ST285CF
Certificate No. TA151021E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

Celsa "Huta Ostrowiec" Sp. z o. o.
Ul. Samsonowicza 2, Ostrowiec Swietokrzyski
Poland

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

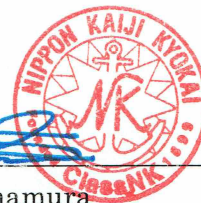
PROCESS : Ingot Casting / Forging / Heat Treatment

REMARK : Including Semi-built-up Crankshafts by Die Forging and Solid Crankshafts by TR Forging respectively specified in 6.1.13-2, Chapter 6, Part K of the NK Rules.

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 until 31 January 2018.
Issued at Tokyo on 1 October 2015.

Renewal Date : 10 September 2015



T. Imamura
General Manager
Material and Equipment Department