



Approval No. ST285CF
 Certificate No. TA18825E

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 from 1 February 2018 until 31 January 2023.
 Issued at Tokyo on 26 July 2018.

Renewal Date : 1 February 2018


 H. Kobayashi
 General Manager
 Material and Equipment Department

