



Approval No. ST434CF

Certificate No. TA17772E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

Wagner Schmelztechnik GmbH & Co KG
Dr. Karl Renner Straße, 4470 Enns
Austria

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".

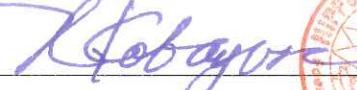
MATERIALS : Gray Irons
 Spheroidal Graphite Irons

PROCESS : Casting / 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 20 September 2017 until 19 September 2022.
 Issued at Tokyo on 20 September 2017.

Initial Approval Date : 20 September 2017


 H. Kobayashi
 General Manager
 Material and Equipment Department