



COPY

Approval No. ST178CF
Certificate No. TA15753E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

**EGM-Industrieguss GmbH
Gusswerkstrasse, Möllersdorf
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 until 15 September 2019.
Issued at Tokyo on 28 July 2015.

Renewal Date: 16 September 2014



T. Imamura
General Manager
Material and Equipment Department