



Approval No. ST176CF
Certificate No. TA191143E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

**Iraeta Energy Equipment Co., Ltd.
Jinan, Shandong
China**

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
Stainless Steels

PROCESS : Forging / Heat Treatment

REMARKS : Semi-finished products are to be supplied by the Society-approved manufacturers who are able to deliver the said semi-finished products with the specified chemical composition corresponding to the above material approved.

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 8 September 2019 until 7 September 2024.
Issued at Tokyo on 30 August 2019.


H. Kobayashi
General Manager
Material and Equipment Department

