

Approval No. ST176CF  
Certificate No. TA241297E

**APPROVAL OF MANUFACTURING PROCESS**

*This is to certify that*

**Iraeta Energy Equipment Co., Ltd.**

No. 4177, Jiwang Road, Zhangqiu district, 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  
Alloy Steels  
Stainless Steels


**PROCESS** : Ingot Casting or Continuous Casting<sup>1)</sup> / Forging / Heat Treatment

**REMARK** : See the reverse side

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 November 2024 until 7 September 2029.

Issued at Tokyo on 8 November 2024.

  
M. Irisawa  
General Manager  
Material and Equipment Department





COPY

Approval No. ST510CF  
Certificate No. TA22463E

**APPROVAL OF MANUFACTURING PROCESS**

*This is to certify that*

**Iraeta (Jining) High-TECH Equipment Co., Ltd.**  
West of Yangzhou North Road, Xinyan Town, Yanzhou District, Jining city,  
Shandong Province, 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

**PROCESS** : Ingot Casting / Forging / 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 13 June 2022 until 20 December 2025.  
Issued at Tokyo on 27 June 2022.



Y. Takao  
General Manager  
Material and Equipment Department

Note: This certificate was rewritten because of change of the company name.

