



CERTIFICATE NUMBER
FOR-T2303219

ISSUING OFFICE
GCD Materials

CERTIFICATE OF FORGING FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of
IRAETA (JINING) HIGH-TECH EQUIPMENT CO., LTD.

NO. 29, LONGQIAO NORTH ROAD, XINYAN TOWN,
YANZHOU DISTRICT, JINING, China

attend its facilities as indicated in the ABS CN Qingdao Branch Port port office survey report number
5409780 dated 08 October 2022 in order to carry out a survey of the facilities and associated quality
procedures. The facility is considered capable of manufacturing

Steel Forging components for marine applications

in accordance with the ABS Approval letter (Reference T2303219), ABS Rules, designated standards and
ABS approved drawings. The approval is valid till 01 August 2027 subject to adherence to relevant ABS
Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 08 October 2022

EXPIRY DATE: 01 August 2027

FIRST ANNUAL
ENDORSEMENT:

SECOND ANNUAL
ENDORSEMENT:

THIRD ANNUAL
ENDORSEMENT:

FOURTH ANNUAL
ENDORSEMENT:

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, Guides, standards or other criteria of ABS as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a full description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of ABS who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty, express or implied.



CERTIFICATE NUMBER
FOR-0018998-1

ISSUING OFFICE
Houston Materials

CERTIFICATE OF FORGING FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of
IRAETA ENERGY EQUIPMENT CO., LTD.

NO. 4177, JIWANG ROAD, ZHANGQIU DISTRICT, JINAN, China

attend its facilities as indicated in the ABS CN Qingdao Branch Port office survey report number 6467604 dated 20 June 2024 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Stainless Steel Forging and Steel Forging components for marine applications

in accordance with the ABS Approval letter (Reference WO0187933), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 19 June 2029 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 20 June 2024
EXPIRY DATE: 19 June 2029

FIRST ANNUAL
ENDORSEMENT:

SECOND ANNUAL
ENDORSEMENT:

THIRD ANNUAL
ENDORSEMENT:

FOURTH ANNUAL
ENDORSEMENT:

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, Guides, standards or other criteria of ABS as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a full description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of ABS who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty, express or implied.



Work Order – WO0026354
Foundry Approval – Initial
Certificate No: FDRY-0026354

Revised 13 February 2025, Supersedes Letter dated 02 January 2025 under WOT0026354

Attention: IRAETA ENERGY EQUIPMENT CO., LTD. (WCN: 408423)

The documents shown in the attached list are reviewed or filed for reference in accordance with the applicable requirements of the following and the facility is considered approved to manufacture castings for hull & machinery components as outlined in the process/product approval.

- ABS Rules for Materials and Welding; Part 2; 2024

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request an annual endorsement survey or renewal of approval prior to the five-year expiry date.

Refer to attachments, Process/Product Approval, Manufacturer Approval Certificate FDRY-0026354.

For any clarifications, contact James Oehrle at +1-281-877-6148, joehrle@eagle.org.

Very truly yours,

Gareth Burton
Senior Vice President of Engineering

Electronically Signed by: Satya Meruva