



CERTIFICATE NUMBER
FDRY-T2202794

ISSUING OFFICE
GCD Materials

CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of
IMPRO INDUSTRIES (YIXING) CO., LTD.

NO. 6, XUNENG ROAD, YIXING, China

attend its facilities as indicated in the ABS CN Nantong Port (MLO) port office survey report number 5028902 dated 08 December 2021 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Cast Iron Casting components for marine applications

in accordance with the ABS Approval letter (Reference T2202794), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 30 December 2026 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 08 December 2021

EXPIRY DATE: 30 December 2026

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.



Task – T2202794
Foundry Facility Approval – Renewal
Certificate No. FDRY-T2202794

Attention: Ms. Zhao Gui-Xia, IMPRO INDUSTRIES (YIXING) CO., LTD. (WCN: 408321)

The document shown in the attached list is reviewed in accordance with the applicable requirement of the following and the facility is considered approved to manufacture castings for machinery components as outlined in the process/product approval.

1. ABS Rules for Materials and Welding Part 2 (2022)

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

For any clarifications, contact Ms. Lin Li-Hong at +86-21-23270994, llin@eagle.org.

Very truly yours,

Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
IMPRO FDRY RENEWAL DOC	N/A	ISO Certificate, No Change Statement, Statistical Data	Reviewed

An electronic copy of the documents appropriately stamped will be returned by FTP/e-mail.

Process/Product Approval

Grade	Non-ABS Grades: – Gray, Nodular and Compacted Graphite Cast Iron
Melting Practice	Induction Furnace
Casting Practice	Sand Casting
Maximum Weight	Gray & Nodular Cast Iron: 6,000 kg; Compacted Graphite Iron: 200 kg
Maximum Thickness	N/A
Heat Treatment Facility	In-house
Product Examples	Cylinder Block, Cylinder Head

Note: Weld repairs and PWHT, if applicable, to ABS certified castings are to be approved prior to commencing the repair.

Include: Manufacturer Approval Certificate (FDRY- T2202794)