



CERTIFICATE NUMBER  
FOR-T2335421

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

## **VIRAJ PROFILES PRIVATE LIMITED**

FORGING DIVISION, PALGHAR, MAHARASHTRA, India, 401506

attend its facilities as indicated in the ABS Mumbai Port port office survey report number 5482882 dated 30 September 2022 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

### ***Stainless Steel Forging components for marine applications***

in accordance with the ABS Approval letter (Reference T2335421), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 25 July 2027 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

**Marcus Cridland**  
**Chief Metallurgist, ABS**

ISSUE DATE: 30 September 2022

EXPIRY DATE: 25 July 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.



**Task – T2322058, T2322059, T2335420,  
T2335421  
Foundry and Forge Facility Approval –  
Renewal  
Certificate No. FDRY-T2335420,  
FOR-T2335421**

Attention: Mr. Vijaykumar Pillai, Viraj Profiles Private Limited (WCN: 176132)

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 forgings for hull/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 James Oehrle at 281-877-6148, [joehrle@eagle.org](mailto:joehrle@eagle.org)

Very truly yours,

Wei-Biao (Bill) Shi  
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Correspondence	-	Payment received	Correspondence
No change Dewclaration	-	Client Letter	Reviewed
Declaration Letter	-	No Non- Conformances	Reviewed
Mechanical Properties	-	Statistical Data – Mech	Reviewed
SMS-1 – Chemistry	-	Statistical Data – Chem 1	Reviewed
SMS-2 – Chemistry	-	Statistical Data – Chem 2	Reviewed
04 100 031210/05	-	ISO 9001:2015	Filed by ABS for Reference Only
Signed Application Foundry	-	Supporting Information	Filed by ABS for Reference Only
Signed Application Forge	-	Supporting Information	Filed by ABS for Reference Only

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

Process/Product Approval

<b>Grade</b>	: Non-ABS: Austenitic Stainless Steels
<b>Melting Practice</b>	: Induction Furnace
<b>Casting Practice</b>	: Ingot Casting, Continuous Casting
<b>Maximum Weight</b>	: 15,000 kg
<b>Maximum Thickness/Diameter</b>	: 300 mm
<b>Heat Treatment Facility</b>	: N/A
<b>Product Examples</b>	: Ingot, Billet, Round Cornered Square

<b>Grade</b>	: Non-ABS: Austenitic Stainless Steels
<b>Melting Practice</b>	: Induction Furnace
<b>Casting Practice</b>	: Ingot Casting, Continuous Casting
<b>Manufacturing Process</b>	: ODF / CDF / Rolled Forging
<b>Maximum Weight</b>	: 1,200 kg
<b>Maximum Thickness/Diameter</b>	: 600 mm
<b>Heat Treatment Facility</b>	: In-House
<b>Product Examples</b>	: Flange, Forged Bar, Rolled Bar, Angle, Flat Bar, Profile

Note: Weld repair is generally not permitted, unless specially approved by the ABS Engineering Office.

Include: Manufacturer Approval Certificate (FDRY-T2335420, FOR-T2335421)