



CERTIFICATE NUMBER  
FDRY-T1749692

ISSUING OFFICE  
Singapore Engineering  
Admin

# CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

## ACCIAIERIE BERTOLI SAFAU

VIA BUTTRIO 28, POZZUOLO DEL FRIULI, Italy, 33050

attend its facilities as indicated in the ABS Trieste Station port office survey report number 3505900 dated 31 May 2018 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

### *Steel Casting components for marine applications*

in accordance with the ABS Approval letter (Reference T1749692), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 30 May 2023 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.



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

ISSUE DATE: 31 May 2018  
EXPIRY DATE: 30 May 2023

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 standard. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/59 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

ABS588(11)



**Task – T1749692**  
**Foundry Facility Approval – Renewal**  
**Certificate No. FDRY-T1749692**

Attention: Mr. Giacomo Cignola, Acciaierie Bertoli Safau S.p.A. (WCN 940777)

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 and machinery components as outlined in the process/product approval.

1. ABS Rules for Materials and Welding Part 2 (2018)

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 Angie Ng at +65-63717873, [annng@eagle.org](mailto:annng@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	-	Fee Acceptance	Correspondence
Correspondence	-	Client Response	Correspondence
Company Profile	-	Company Profile	Reviewed
Statistical Data	-	Statistical Data	Reviewed
IGQ ISO 9001	-	ISO 9001 Certificate and other	Filed by ABS for Reference Only
TR3505900	-	Foundry PS Report – 19 Jan 2018	Filed by ABS for Reference Only

Electronic copies of the documents, appropriately stamped are available through the ABS Eagle Construct Engineering Manager (O2E), Web portal.

Process/Product Approval

<b>Grade</b>	Non-ABS Grades: Carbon, C-Mn, Low & High Alloy Steels
<b>Melting Practice</b>	EAF
<b>Casting Practice</b>	Continuous Cast & Ingot Cast
<b>Maximum Weight</b>	130,000kg
<b>Maximum Thickness</b>	NA
<b>Heat treatment facility</b>	NA
<b>Application Examples</b>	Supply to forging facilities

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