



CERTIFICATE NUMBER
FOR-T2345174

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

FRISA FORJADOS, S.A. DE C.V.

VALENTIN G. RIVERO #127, SANTA CATARINA, Mexico, 66350

attend its facilities as indicated in the ABS Veracruz Port port office survey report number 5461206 dated 30 November 2022 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Steel Forging and Stainless Steel Forging components for marine applications

in accordance with the ABS Approval letter (Reference T2345174), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 30 November 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 November 2022

EXPIRY DATE: 30 November 2027

FIRST ANNUAL
ENDORSEMENT: Francisco E. Lopez / 15-Dec-2023

SECOND ANNUAL
ENDORSEMENT: Francisco E. Lopez / 05-Dec-2024

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 – T2345174
Forge Facility Approval – Renewal
Certificate No. FOR-T2345174

Attention: Mr. Claudia Gaytan Garcia, Frisa Forjados S.A. de C.V. (WCN: 452277)

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

Very truly yours,

Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Correspondence - Request for Approval	-	No Changes and No NCRs	Reviewed
CERT #663659	-	MTR	Reviewed
CERT #806153	-	MTR	Reviewed
Approval Number: ISO 9001 – 00025334	-	ISO 9001:2015	Filed by ABS for Reference Only
No PO-Signed Application_Catarina	-	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

Grade	: Non-ABS: Carbon & Low Alloy	: Non-ABS: Stainless Steels
Melting Practice	: ABS Approved Sources	
Casting Practice	: ABS Approved Sources	
Manufacturing Process	: ODF / Ring Rolling	
Maximum Weight	: ODF: 600 kg; Ring Rolling: 4,400 kg	: ODF: 600 kg; Ring Rolling: 2,200 kg
Maximum Thickness/Diameter	: ODF: 762 mm; Ring Rolling: 686 mm	: ODF: 762 mm; Ring Rolling: 686 mm
Heat Treatment Facility	: In-House	
Product Examples	: Step Shaft, Ring, Bar, Disc, etc.	

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

Include: Manufacturer Approval Certificate (FOR-T2345174)



CERTIFICATE NUMBER
FOR-T2350375

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

FRISA FORJADOS, S.A. DE C.V.

(GARCIA PLANT) CARRETERA A GARCIA KM. 7.5,
GARCIA, NUEVO LEON, Mexico, 66000

attend its facilities as indicated in the ABS Veracruz Port port office survey report number 5471687 dated 30 November 2022 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Steel Forging and Stainless Steel Forging components for marine applications

in accordance with the ABS Approval letter (Reference T2350375), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 30 November 2027 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

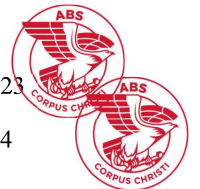
ISSUE DATE: 30 November 2022
EXPIRY DATE: 30 November 2027

FIRST ANNUAL
ENDORSEMENT: Francisco E. Lopez / 15-Dec-2023

SECOND ANNUAL
ENDORSEMENT: Francisco E. Lopez / 05-Dec-2024

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 – T2350375
Forge Facility Approval – Renewal
Certificate No. FOR-T2350375

Attention: Mr. Claudia Gaytan Garcia, Frisa Forjados S.A. de C.V. (WCN: 452277)

Revised 06-Feb-2023. Supersedes letter dated 13-Jan-2023 under Task T2350375.

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

Very truly yours,

Wei-Biao (Bill) Shi
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Correspondence	-	Request for Approval_Garcia	Correspondence
CERT #625676	-	MTR	Reviewed
CERT #659749	-	MTR	Reviewed
CERT #806138	-	MTR	Reviewed
Approval Number: ISO 9001 – 00025334	-	ISO 9001:2015	Filed by ABS for Reference Only
No PO-Signed Application_Garcia	-	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

Grade	: Non-ABS: Carbon & Low Alloy	: Non-ABS: Stainless Steels
Melting Practice	: ABS Approved Sources	
Casting Practice	: ABS Approved Sources	
Manufacturing Process	: ODF / Ring Rolling	
Maximum Weight	: ODF: 50,000 kg; Ring Rolling: 25,000 kg	: ODF: 25,000 kg; Ring Rolling: 18,000 kg
Maximum Thickness/Diameter	: ODF: 1,219 mm; Ring Rolling: 940 mm	: ODF: 1,219 mm; Ring Rolling: 940 mm
Heat Treatment Facility	: In-House	
Product Examples	: Step Shaft, Ring, Bar, Disc, etc.	

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

Include: Manufacturer Approval Certificate (FOR-T2350375)