



CERTIFICATE NUMBER
OMC-T2320113

ISSUING OFFICE
Houston Materials

CERTIFICATE OF OFFSHORE MOORING CHAIN OR ACCESSORY FACILITY AND PROCESS APPROVAL

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

SIDENOR ACEROS ESPECIALES, S.L. (AZKOITIA)

BARRIO UGARTE, S/N, BASAURI - VIZCAYA, Spain, 48970

attend its facilities as indicated in the ABS City Madrid Port port office survey report number 5389172 dated 26 July 2022 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Forged OR Rolled Bars components for marine applications

in accordance with the ABS Approval letter (Reference T2320113), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 16 July 2027 subject to adherence to relevant ABS Rules and Survey requirements.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 26 July 2022
EXPIRY DATE: 16 July 2027

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.

Process/Product Approval

Product	Grade	Maximum Diameter	Chain or Accessory Diameter	Delivery Condition
Forged or Rolled Barts	R3	Body: 100 mm (220 mm Controlled in Reinosa)	Body: 97 mm (210 mm)	-
Forged or Rolled Barts	R3S	Body: 100 mm (220 mm Controlled in Reinosa)	Body: 97 mm (210 mm)	-
Forged or Rolled Barts	R4	Body: 100 mm (220 mm Controlled in Reinosa)	Body: 97 mm (210 mm)	-
Forged or Rolled Barts	R4S	Body: 100 mm (220 mm Controlled in Reinosa)	Body: 97 mm (210 mm)	-
Forged or Rolled Barts	R5	Body: 100 mm (220 mm Controlled in Reinosa)	Body: 97 mm (210 mm)	-
Offshore Mooring Chain or Accessory Manufacturer: Vicinay Sestao, S.L., Sestao-Vizcaya, Spain				

Grade	: ABS & Non-ABS: Carbon, Alloy & Stainless Steels
Melting Practice	: Electric Arc Furnace
Casting Practice	: Ingot Casting, Continuous Casting
Maximum Weight	: 5,200 kg
Maximum Thickness/Diameter	: 220 mm
Heat Treatment Facility	: In-House
Product Examples	: Rolled Bar

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

Include: Manufacturer Approval 2Certificate ROB-T2320112, OMC-T2320113 and QA-5389172