



Approval No. ST151RO

Certificate No. TA22185E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

Sidenor Aceros Especiales, SL, Basauri Plant
Barrio Ugarte s/n, 48970 Basauri, Vizcaya Spain

has been approved for the manufacturing process of undermentioned materials by the NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2, Part K of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 1, Part 1 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

MATERIALS : Round Bars for Chains

The details of approval conditions are given in the PARTICULARS OF APPROVAL listed in the reverse of this certificate.

The products for the ships classed with the Society are to be manufactured, tested and inspected in compliance with the Rules.

This Certificate is valid from 29 March 2022 until 28 March 2027.
Issued at Tokyo on 10 March 2022.


Y. Takao
General Manager
Material and Equipment Department



List of PARTICULARS OF APPROVAL

	Ref. No.	Issue Date		
1.	TA17351E	29	MAR.	2017

APPROVED MATERIALS AND EQUIPMENT

Company	Sidenor Aceros Especiales, SLU, Basauri Plant
Address	Barrio Ugarte s/n, 48970 Basauri, Spain
Country	Spain
TEL	
FAX	
E-mail	
URL	— — — — —

Product Line	Rolled Steels
Product	Rolled Steels
Type/Brand/Grade	1)Category: Round bars for chains Grade: - (blooms for KSBCR4)
Description	1)Product: Blooms
Approval No./Appraisal No.	ST151RO
Expiry Date	2027/03/28
Certificate	