



Certificate No : MD00/0546/0017/1

SIDENOR Forgings & Castings S.L.
Paseo Alejandro Calonje, 1
39200 Reinoso (Cantabria)
Spain

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

Steelmaking and Semi-Finished Products

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

Valid Until : 18 June 2020
Date of Issue : 04 July 2018

A handwritten signature in blue ink, appearing to read "Lili Hou", is written over a horizontal line.

Lili Hou
Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



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Appendix 1

SIDENOR Forgings & Castings S.L.
Paseo Alejandro Calonje, 1
39200 Reinosa (Cantabria)
Spain

Steelmaking	B.O.S. / Ingot	Grades	
		carbon, carbon-manganese, alloy	
Semi-Finished Products	Ingots (tonnes)	Grades	tonnes Maximum
-	-	carbon, carbon-manganese, alloy	150.0

Approval including R3, R3S, R4, R4S, R5 and API-2F steel making and ingot to supply to SIDNOR ACEROS ESPECIALES S.L. PLANTA DE REINOSA for further rolling into bars for offshore chain cable. The grades have to comply with Vicinay Sestao's applicable purchasing specification; MPR3; MPR3S; MPR4; MPR4S; MPR5.

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Lili Hou
Senior Specialist to Lloyd's Register EMEA
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