



Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer	Huettenwerke Krupp Mannesmann GmbH
Address	Ehinger Str. 200, 47259 Duisburg, Germany
Type	Steel Making Semi-Finished Products
Scope of Approval	Steelmaking and Semi-Finished Products Steelmaking: B.O.S / Con Cast Grades: Carbon, Carbon/Manganese, Alloy, High Nickel Steel (for low temperature service) Semi-Finished Products: Slabs Grades: Carbon, Carbon/Manganese, Alloy, High Nickel Steel (for low temperature service) Blooms/Billets Grades: Carbon, Carbon/Manganese, Alloy

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 on subsequent pages of this certificate.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Clive Arnold

Lead Metallurgist: Metallurgical Assurance to
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A member of the Lloyd's Register group

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This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.

Approval Notes

Previous Lloyd's Register reference No. 0730.



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Steel making	B.O.S. / Con Cast	Grades	N/A	Units
-	-	carbon, carbon manganese	1.00	N/A
-	-	Alloy	1.00	N/A
-	-	High-nickel steel (for low temperature service)	1.00	N/A

Semi-Finished Products	Blooms/Billets	Grades	Maximum Thickness	Units
-	-	Alloy	430.00	mm
-	-	Carbon	430.00	mm
-	-	Carbon-manganese	430.00	mm

Semi-Finished Products	Slabs	Grades	Maximum Thickness	Units
-	-	Carbon	260.00	mm
-	-	Carbon-manganese	260.00	mm
-	-	Alloy	260.00	mm
-	-	High-nickel steel (for low temperature service)	260.00	mm



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