



Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer	Industeel Belgium
Address	Rue de Chatelet, 266, Marchienne-Au-Pont, 6030, Belgium
Type	Steel Making Plates
Scope of Approval	Steelmaking and Plates Steelmaking: E.A.F /Con Cast Plates: Normal Strength, Higher Strength, Boiler and Pressure Vessel, Ferritic Low Temperature, Austenitic Stainless and Duplex Stainless Steel, details as per Appendix.

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.

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.



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

Clive Arnold

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Steel making	E.A.F. / Con Cast	Grades		
-	-	As below		
Plates	Normal Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al	D, B, A	35.00	mm
Normalized	Fine Grain Al	E, D, B, A	50.00	mm
As Rolled	Killed	B, A	50.00	mm
Plates	Higher Strength	Grades	Maximum Thickness	Units
Quenched and Tempered	Fine Grain Al	FH55, EH55, DH55, FH50, EH50, DH50	100.00	mm
Quenched and Tempered	Fine Grain Al	FH69, EH69, DH69, FH62, EH62, DH62	100.00	mm
Quenched and Tempered	Fine Grain Al+V	EH50, DH50	50.00	mm
Quenched and Tempered	Fine Grain Al+V	EH46, DH46, EH42, DH42, EH40	50.00	mm
Normalized	Fine Grain Al	EH36, DH36, AH36, EH32, DH32, AH32	50.00	mm
Normalized	Fine Grain Al+Nb	EH36, DH36, AH36, EH32, DH32, AH32	50.00	mm
Quenched and Tempered	Fine Grain Al	FH46, EH46, DH46, FH42, EH42, DH42	100.00	mm
Plates	Boiler and Pressure Vessel	Grades	Maximum Thickness	Units
Normalized	Fine Grain Al	510FG, 490FG, 460FG, 410FG, 360FG	50.00	mm
Normalized	Fine Grain Al+Nb	510FG, 490FG, 460FG, 410FG, 360FG	50.00	mm
As Rolled	Killed	410AR, 360AR	40.00	mm
Plates	Ferritic Low Temperature	Grades	Maximum Thickness	Units



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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.





Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Quenched and Tempered	Fine Grain Al	9Ni	50.00	mm
Normalized	Fine Grain Al	5Ni	50.00	mm
Normalized	Fine Grain Al	LTEH36, LTDH36, LTAH36, LTEH32, LTDH32, LTAH32	50.00	mm

Plates	Austenitic Stainless	Grades	Maximum Thickness	Units
Solution Treated	-	304L	50.00	mm
Solution Treated	-	304LN	50.00	mm
Solution Treated	-	316L	50.00	mm
Solution Treated	-	316LN	50.00	mm

Plates	Duplex Stainless	Grades	Maximum Thickness	Units
Solution Treated	-	UNS S31803(MOD)	40.00	mm

Additional Remarks

Plates in grades LTAH32, LTAH36, LTDH32, LTDH36, LTEH32, LTEH36, 5%Ni; 9%Ni over 40 mm thickness and up to maximum thickness stated above are accepted for approved applications only.

Duplex Stainless Steel, UNSS31803 (MOD), Solution Treated, maximum thickness, 40 mm. For approved applications only.

Higher Strength grades supplied in the quenched and tempered grades are accepted with specified through thickness properties, designation Z35.



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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

