



Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer	VÍTKOVICE STEEL, a.s.
Address	Stramberska 2871/47, 709 00 Ostrava-Hulvaky, Czech Republic
Type	Sections Plates
Scope of Approval	Steel Plates and Sections Plates: Normal Strength, Higher Strength and, Boiler & Pressure Vessel, details as per Appendix. Sections: Normal Strength and Higher Strength, 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
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Plates	Normal Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al+V	B	50.00	mm
As Rolled	Fine Grain Al	D , A	50.00	mm
Normalized	Fine Grain Al+Nb	E, D, B, A	50.00	mm
Normalized	Fine Grain Al+V	B	50.00	mm
Normalized	Fine Grain Al	D , A	50.00	mm
Normalized	Fine Grain Al+Nb+V	E, D, B, A	100.00	mm

Plates	Higher Strength	Grades	Maximum Thickness	Units
Normalized	Fine Grain Al+Nb	AH32	50.00	mm
Normalized	Fine Grain Al	DH36, AH36, DH32, AH32	50.00	mm
Normalized	Fine Grain Al+Nb+V	EH36, DH36, AH36, EH32, DH32, AH32	100.00	mm

Plates	Boiler and Pressure Vessel	Grades	Maximum Thickness	Units
Normalized	Fine Grain Al+Nb	490FG, 460FG, 410FG, 360FG	50.00	mm
Normalized	Fine Grain Al	510FG, 490FG, 460FG, 410FG, 360FG	50.00	mm
Normalized	Fine Grain Al+Nb+V+Ti	510FG , 490FG	50.00	mm
Normalized	Fine Grain Al+Nb+V	510FG, 490FG, 460FG, 410FG, 360FG	100.00	mm

Sections	Normal Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al+Nb+V	E	16.00	mm
As Rolled	Fine Grain Al+V	B	16.00	mm
As Rolled	Fine Grain Al	D , A	16.00	mm

Sections	Higher Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al+Nb	AH32	16.00	mm



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As Rolled	Fine Grain Al+Nb+V	EH36, DH36, AH36, EH32	16.00	mm
As Rolled	Fine Grain Al	DH32	16.00	mm

Additional Remarks

Plates with specified through thickness properties may be accepted and the suffix ' Z-35 ' applied to all grades of normal strength and higher tensile strength steels.



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