

Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer	VÍTKOVICE STEEL, a.s.
Address	Stramberska 2871/47, 709 00 Ostrava-Hulvaky, Czech Republic
Type	Plates Sections Bars

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.



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Li Xu

Senior Specialist- Fracture Mechanics and
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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+Nb+V	E, D, B, A	100.00	mm
Normalized	Fine Grain Al+V	B	50.00	mm
Normalized	Fine Grain Al	D, A	50.00	mm

Plates	Higher Strength	Grades	Maximum Thickness	Units
Normalized	Fine Grain Al+Nb	AH32, AH27S	50.00	mm
Normalized	Fine Grain Al+Nb+V	EH36, DH36, AH36, EH32, DH32, AH32, EH27S, DH27S, AH27S	100.00	mm
Normalized	Fine Grain Al	DH36, AH36, DH32, AH32, DH27S, AH27S	50.00	mm
Thermo Mechanical	Fine Grain Al+Nb	AH32, AH27S	40.00	mm
Thermo Mechanical	Fine Grain Al+Nb+V	AH36, AH32, AH27S	40.00	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+Nb+V	510FG, 490FG, 460FG, 410FG, 360FG	100.00	mm
Normalized	Fine Grain Al+Nb+V +Ti	510FG, 490FG	50.00	mm
Normalized	Fine Grain Al	510FG, 490FG, 460FG, 410FG, 360FG	50.00	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



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As Rolled	Fine Grain Al	D, A	16.00	mm
Sections	Higher Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al+Nb	AH32, AH27S	16.00	mm
As Rolled	Fine Grain Al+Nb+V	EH36, DH36, AH36, EH32, EH27S	16.00	mm
As Rolled	Fine Grain Al	DH32, DH27S	16.00	mm
Bars	Normal Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al+Nb+V	E	50.00	mm
As Rolled	Fine Grain Al+V	B	50.00	mm
As Rolled	Fine Grain Al	D, A	50.00	mm
Bars	Higher Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al+Nb	AH32, AH27S	50.00	mm
As Rolled	Fine Grain Al+Nb+V	DH36, AH36	50.00	mm
As Rolled	Fine Grain Al	DH32, DH27S	50.00	mm



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