
Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer	LIBERTY GALATI S.A.
Address	Str. Smardan nr. 1, Galati, 800698, Romania
Type	Steel Making Plates

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.

Approval Notes Approval includes for plates with specified through thickness properties, designation Z35, in all grades up to 60 mm thickness in the normalized condition.

Including B.O.S./Ingot/Con Cast Steelmaking as below



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Plates	Normal Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al	D, B, A	35.00	mm
As Rolled	Killed	B, A	60.00	mm
Normalized	Fine Grain Al+Nb	E, D, B, A	100.00	mm
Normalized	Fine Grain Al	E, D, B, A	60.00	mm
Normalizing Rolled	Fine Grain Al	D, B, A	60.00	mm

Plates	Higher Strength	Grades	Maximum Thickness	Units
As Rolled	Fine Grain Al	DH36, DH32, DH27S	25.00	mm
As Rolled	Fine Grain Al	AH36, AH32, AH27S	35.00	mm
Normalized	Fine Grain Al+Nb	EH36, DH36, AH36, EH32, DH32, AH32, EH27S, DH27S, AH27S	60.00	mm
Normalized	Fine Grain Al+Nb+V	EH36, DH36, AH36, EH32, DH32, AH32, EH27S, DH27S, AH27S	100.00	mm
Normalized	Fine Grain Al	EH36, DH36, AH36, EH32, DH32, AH32, EH27S, DH27S, AH27S	60.00	mm
Normalizing Rolled	Fine Grain Al+Nb+V+Ti	EH36, DH36, AH36, EH32, DH32, AH32, EH27S, DH27S, AH27S	60.00	mm
Normalizing Rolled	Fine Grain Al+Nb+Ti	EH36, DH36, AH36, EH32, DH32, AH32, EH27S, DH27S, AH27S	60.00	mm
Normalizing Rolled	Fine Grain Al	DH36, AH36, DH32, AH32, DH27S, AH27S	60.00	mm

Plates	Boiler and Pressure Vessel	Grades	Maximum Thickness	Units
As Rolled	Killed	410AR, 360AR	40.00	mm
Normalized	Fine Grain Al+Nb	510FG, 490FG, 460FG	60.00	mm



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Normalized	Fine Grain Al+Nb	410 FG	100.00	mm
Normalized	Fine Grain Al+Nb	360 FG	100.00	mm
Normalized	Fine Grain Al+Nb+V	510FG, 490FG, 460FG, 410FG, 360FG	100.00	mm
Normalized	Fine Grain Al	510FG, 490FG, 460FG, 410FG, 360FG	60.00	mm
Normalizing Rolled	Fine Grain Al+Nb+V+Ti	510FG, 490FG, 460FG, 410FG, 360FG	60.00	mm
Normalizing Rolled	Fine Grain Al+Nb+Ti	510FG, 490FG, 460FG, 410FG, 360FG	60.00	mm
Normalizing Rolled	Fine Grain Al	510FG, 490FG, 460FG, 410FG, 360FG	60.00	mm



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