



## Approved Manufacturer of Steel Plates, Strip, Sections & Bars

<b>Manufacturer</b>	<b>Acciaierie Bertoli Safau S.p.A.</b>
<b>Address</b>	Via Buttrio 28, Frazione Cargnacco, Pozzuolo Del Friuli Ud, 33050, Italy
<b>Type</b>	Semi-Finished Products Steel Making 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.



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

**Gavin Young**

Senior Metallurgist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

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<b>Steel making</b>	<b>E.A.F./Ingot/Con Cast</b>	<b>Grades</b>		
-	-	As below		
<b>Semi-Finished Products</b>	<b>Ingots (tonnes)</b>	<b>Grades</b>	<b>Maximum Weight</b>	<b>Units</b>
-	-	Alloy	41.00	Tonnes
-	-	carbon, carbon manganese	41.00	Tonnes
<b>Semi-Finished Products</b>	<b>As Cast Round Section</b>	<b>Grades</b>	<b>Maximum Diameter</b>	<b>Units</b>
-	-	Alloy	700.00	mm
-	-	carbon, carbon manganese	700.00	mm
<b>Semi-Finished Products</b>	<b>Rolled Square Bars</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>
-	-	Alloy	420.00	mm
-	-	carbon, carbon manganese	420.00	mm
<b>Semi-Finished Products</b>	<b>Rolled Bars</b>	<b>Grades</b>	<b>Maximum Diameter</b>	<b>Units</b>
-	-	Alloy	370.00	mm
-	-	carbon, carbon manganese	370.00	mm
<b>Bars</b>	<b>Machinery</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>
As Rolled	Fine Grain Al	carbon, carbon manganese	240.00	mm
Normalized	Fine Grain Al	carbon, carbon manganese	270.00	mm
As Rolled	Fine Grain Al	Alloy	240.00	mm
<b>Bars</b>	<b>Structural</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>



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As Rolled	Fine Grain Al	carbon, carbon manganese	240.00	mm
Normalized	Fine Grain Al	carbon, carbon manganese	270.00	mm
As Rolled	Fine Grain Al	Alloy	240.00	mm
<b>Bars</b>	<b>Chain Cable Stock</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>
As Rolled	Fine Grain Nb	U3, U2, U1	78.00	mm

### Additional Remarks

Approval for normalised structural and machinery bars up to 270mm diameter is for both concast and ingot routes.



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