
Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer **Outokumpu Stainless AB**

Address Box 74, Avesta, 774 22, Sweden

Type Coil

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.



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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Coil	Austenitic Stainless	Grades	Maximum Thickness	Units
Solution Treated	-	316L	13.00	mm
Solution Treated	-	304LN	13.00	mm
Solution Treated	-	304L	13.00	mm
Solution Treated	-	347	13.00	mm
Solution Treated	-	321	13.00	mm
Solution Treated	-	317L	13.00	mm

Plates	Duplex Stainless	Grades	Maximum Thickness	Units
Solution Treated	-	UNS S32750	8.00	mm
Solution Treated	-	UNS S32304	8.00	mm
Solution Treated	-	UNS S32205	8.00	mm
Solution Treated	-	UNS S32101	8.00	mm
Solution Treated	-	UNS S31803	8.00	mm

Coil	Duplex Stainless	Grades	Maximum Thickness	Units
Solution Treated	-	UNS S32750	8.00	mm
Solution Treated	-	UNS S32304	8.00	mm
Solution Treated	-	UNS S32205	8.00	mm
Solution Treated	-	UNS S32101	8.00	mm
Solution Treated	-	UNS S31803	8.00	mm

Plates	Austenitic Stainless Steel	Grades	Maximum Thickness	Units
Solution Treated	-	347	13.00	mm
Solution Treated	-	317L	13.00	mm
Solution Treated	-	316L	13.00	mm
Solution Treated	-	304LN	13.00	mm
Solution Treated	-	304L	13.00	mm
Solution Treated	-	321	13.00	mm

Steel making	E.A.F. / Con Cast	Grades	N/A	Units
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- - As above 1.00 N/A

Additional Remarks

Approval for plates is for plates manufactured from coils produced in house.

Approval includes grade 316Ti (UNS31635) to recognised national standards to the above maximum thickness for austenitic grades.

Approval includes grades UNS 32760 and UNS 82441 to recognised national standards to the above maximum thickness for duplex grades.

Grades shown in this approval certificate that are not included in the LR Rules for Materials are only to be issued with LR certification where a specific application in the grade has been agreed for a LR project and this application is covered by a LR design appraisal document.



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