



Certificate No : MD00/1165/0008/1

OUTOKUMPU STAINLESS OY

**Terastie 1,
95490
Tornio
Finland**

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

Steelmaking, Semi-Finished Products, Plates, Hot Rolled Coil and Coil

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 in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

Valid Until : 29 February 2020
Date of Issue : 20 October 2017

A handwritten signature in blue ink, consisting of a series of loops and strokes, positioned above a horizontal line.

Lili Hou

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



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Appendix 1

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Steelmaking	E.A.F. / Con Cast	Grades	
		As below	
Semi-Finished Products	Slabs	Grades	mm thickness Maximum
-	-	austenitic stainless	187.0
Plates	Austenitic Stainless	Grades	mm thickness Maximum
Solution Treated	-	304L, 316L, 321	12.5
Hot Rolled Coil	Austenitic Stainless	Grades	mm thickness Maximum
Solution Treated	-	304L, 316L, 321	12.5
Coil	Austenitic Stainless	Grades	mm thickness Maximum
Cold Rolled & Solution	-	304L, 316L, 321	6.5

316Ti with the maximum thickness of 8mm accepted for approved application

Approval including EN 1.4420 / ASTM S31655 upto 5.0mm for cold rolled plate and 8.0mm for hot rolled plate

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