



Certificate No : MD00/1883/0009/1

Appendix 1


OUTOKUMPU STAINLESS LTD.
LONG PRODUCTS, SMACC
P.O. Box 161
Europa Link
Sheffield, S9 1TZ
United Kingdom

Steelmaking	E.A.F/A.O.D/L.A.F/ConCast	Grades	tonnes Maximum
		stainless steel	
Semi-Finished Products	Ingots (tonnes)	Grades	mm thickness Maximum
-	-	stainless steel	19.6
Semi-Finished Products	Slabs	Grades	mm thickness Maximum
-	-	stainless steel	300.0
Semi-Finished Products	Blooms	Grades	mm thickness Maximum
-	-	stainless steel	300.0
Semi-Finished Products	Billets	Grades	mm thickness Maximum
-	-	stainless steel	200.0

The approval for steelmaking and ingots, slabs, blooms and billets in stainless steel covers the supply of austenitic, duplex, ferritic, martensitic and precipitation hardening grades, in accordance with the Society's Rules for the Manufacture, Testing and Certification of Materials, Chapter 3 or appropriate international or national standards. The final processing mill is responsible for ordering steel which complies with their surface and internal quality standards and approved chemical composition to enables them to achieve the required physical and mechanical properties.

Mass of slab and bloom up to 30.0T and billet up to 5.1 T. Billet as a semi finished product also supplied rolled from Ingot up to 450 mm thickness.

Valid Until : 31 December 2019
 Date of Issue : 08 March 2017


Gavin Young
 Metallurgical Specialist to Lloyd's Register EMEA
 A member of the Lloyd's Register group



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**OUTOKUMPU STAINLESS LTD.
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P.O. Box 161
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United Kingdom**

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

Steelmaking and Semi-Finished Products

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 : 31 December 2019
Date of Issue : 08 March 2017**

A handwritten signature in blue ink, appearing to read 'G. Young', is written over a horizontal line.

Gavin Young
Metallurgical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group