

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 stainless steel **Semi-Finished Products** Ingots (tonnes) Grades tonnes Maximum stainless steel **Semi-Finished Products** Slabs Grades mm thickness Maximum stainless steel 300.0 Grades Semi-Finished Products Blooms mm thickness Maximum 300.0 stainless steel **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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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

Gavin Young

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