

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001DN
Revision No:
1

This is to certify:

That
Outokumpu Stainless AB
Avesta, Dalarnas län, Sweden

is an approved manufacturer of
Steelmaking and Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Stainless steel
Products	Plates made from coils
Grades	Austenitic stainless, Ferritic-austenitic (duplex) stainless
Manufacturing method	Electric Arc Furnace/Continuous Casting
Max. thickness	See page 2
Heat treatment condition	See page 2

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2020-05-05**

for **DNV GL**

This Certificate is valid until **2023-06-30**.

DNV GL local station: **Stockholm**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Job Id: **263.11-000151-4**
Certificate No: **AMMM00001DN**
Revision No: **1**

Particulars of the approval

Stainless steel

Grade	Product	Steel making ¹⁾	Max. thickness [mm]	Heat treatment condition ²⁾
Austenitic stainless	Plates from coil	EAF, CC	13	SHT
Ferritic-austenitic (duplex) stainless	Plates from coil	EAF, CC	10	SHT

Remarks:

- ¹⁾ EAF: Electric Arc Furnace; CC: Continuous Casting
- ²⁾ SHT: solution heat treated (solution annealed)