

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Electrode**

with trade name
Avesta 2209-16

Manufacturer

Voestalpine Böhler Welding (China) Co., Ltd.
Suzhou, 100, China

is found to comply with

DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables
DNV GL rules for classification – Ships

with this approval

Grade	*
Current	DC(+)
Approved diameter	2.5 - 5.0 mm
Positions	All, except vertical downwards
Remarks	*) AWS A5.4 E2209-16 For welding of ferritic-austenitic stainless steels (Duplex). Also for welding of C- and C Mn steels to duplex steels.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Hamburg** on **2018-10-22**

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

for **DNV GL**

DNV GL local station: **Shanghai**

Approval Engineer: **Dietmar Liebich**

.....
Thorsten Lohmann
Head of Section

