

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Gas combination**with trade name
Avesta 2205/I1

Manufacturer

**PT Voestalpine Bohler Welding Asia Pacific
Bekasi, Indonesia**is found to comply with
DNV GL rules for classification – Ships

with this approval

Grade	UNS S31803
Current	DC -
Approved diameter	1.6 - 3.2mm
Positions	All except vertical-down
Remarks	For TIG welding of ferritic-austenitic stainless steels (Duplex)

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.This Certificate is valid until **2022-01-01**.Issued at **Hamburg** on **2017-01-02**DNV GL local station: **Jakarta**for **DNV GL**Approval Engineer: **Dietmar Liebich**

Thorsten Lohmann
Head of Section

Any significant change in design or construction may render this Certificate invalid.