

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:**That the Manufacturer****Funke Wärmeaustauscher Apparatebau GmbH
Zur Deßel 1
31028 Gronau, Germany**is approved for the
Manufacture of Welded Pressure Equipment, Class I & IIThe approval is granted on condition that
DNV GL class programme DNVGL-CP-0261 – Manufacture of pressure equipment
DNV GL class programme DNVGL-CP-0352 – Manufacture of welded products – Welding workshop

are complied with in all respect

The welding workshop approval has been granted with the following particulars:

Welding supervisor : **Mr. Harald Wiening**Deputy welding supervisor : **Mr. Matthias Bock**

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.

Issued at **Hamburg** on **2019-12-05**for **DNV GL**This Certificate is valid until **2022-06-29**.DNV GL local station: **Magdeburg**Approval Engineer: **Arthur Ivombo**

Harald Pauli
Head of Section

Job Id: **263.11-000796-4**
Certificate No: **AMT00000EG**

Approval basis

Product categories:

- welded pressure equipment of class I and II:
 - pressure vessels and heat exchangers

Activity categories:

- production of pressure equipment (DNV GL-CP-0261)
- welding of pressure equipment (DNV GL-CP-0352)
- non-destructive testing (NDT)

Remark on NDT:

For non-destructive tests pertaining to pressure equipment class I & II, the procedure and requirements stipulated in specific class guidance DNVGL-CG-0051 & DNV GL Pt.4 Ch.7 Sec.7 [4] shall be applied.

Approval documentation

Supporting documents from DNV GL surveyor:

- Checklist for initial approval of pressure equipment manufacturers (CP-0261, PEM 601), dated 2019-09-13
- Welding workshop qualification record (CP-0352, WELD 521), dated 2019-05-17
- Former GL welding shop approval certificate WF-9610222-HH, due 2017-08-31
- Former DNV GL approval of manufacturer certificate T-1758, due 2019-06-30

Certificate Retention Survey

The AoM certificate is valid for three years with no intermediate assessment unless otherwise requested by the Society. Application for renewal should be made not later than three months before the expiry date of the certificate.

Manufacturer shall invite the Society's surveyor for renewal survey in order to revisit the critical manufacturing steps and to verify that the approved conditions are maintained.

During the survey the manufacturer shall provide evidence that the applicable versions of relevant rules, standards and approval programs are applied, and that all requirements given therein are implemented.