



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMT00000DX
Revision No:
1

This is to certify:

That the Manufacturer

TUBE-TEC Rohrverformungstechnik GmbH
Hirtscheider Str. 13-15
57647 Nistertal, Germany

is approved for the
Manufacture of Welded Pressure Equipment, Class I & II

The approval is granted on condition that

DNV class programme DNV-CP-0261 – Manufacture of pressure equipment
DNV class programme DNV-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. Florian Schuhen**
Deputy welding supervisor : **Mr. Tom Teschke**

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

Issued at **Hamburg** on **2023-01-04**

This Certificate is valid until **2025-08-27**.

DNV local unit: **Essen**

Approval Engineer: **Arthur Ivombo**



for **DNV**

Digitally Signed By: Drews, Olaf
Location: DNV GL SE Hamburg, Germany
Signing Date: 2023-01-04

Olaf Drews
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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.

This Certificate is subject to terms and conditions overleaf. Any significant change in production facilities and methods may render this Certificate invalid.



Approval basis

Product categories:

- welded pressure equipment of class I & II:
 - welded pressure vessels and heat exchangers
 - thermal oil heaters

Activity categories:

- production of pressure equipment (DNV-CP-0261)
- welding of pressure equipment (DNV-CP-0352)
- non-destructive testing (subcontracted to accredited service supplier)
- machining

Remark on further activities:

The below mentioned facilities are not available in manufacturing place and, if required, shall adhere to DNV-RU-SHIP-Pt.4 Ch.7 as follows:

- heat treatment to be performed at an approved heat treatment workshop as per DNV-CP-0351.
- manufacturing of pressed parts shall be from an approved facility as per DNV-CP-0350.

Surveyor may decide to visit the subcontractor as part of AOM survey.

Remark on NDT:

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

Place of Production:

TUBE-TEC Rohrverformungstechnik GmbH
Hirtscheider Str. 13-15
57647 Nistertal
Germany

Approval documentation

Checklists and supporting documents:

- checklist for renewal/extension of approved manufacturers (CP-0346, 20.96a), 2022-09-12,
- summary of list of products supplied to DNV classed ships during previous validity period (CP-0346 Sec.2 [3.2]), not applicable, as products manufactured by Tube-Tec are semi-finished parts not subject to product certification and which will be assembled to a pressure vessel by a superordinate manufacturer.
- application for initial approval of pressure equipment manufacturers (CP-0261, PEM 901), 2022-09-12,
- description of welding workshop (CP-0352, WELD 901), 2022-06-24,
- welding workshop qualification record (CP-0352, WELD 521), 2022-09-12,
- DNVGL approval of manufacturer certificate AMT00000DX due 2022-08-28.

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.