



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMT00000NC
Revision No:
1

This is to certify:

That the Manufacturer

W+Z Rohrsystem-Technik GmbH
Weiherdamm 17
57250 Netphen-Deuz, Germany

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

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

Welding of pressure equipment has been approved with the following particulars:

Welding supervisor: **Mr. Ralf Schmidt**
Deputy welding supervisor: **Mr. Thilo Vogel**

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

Issued at **Hamburg** on **2024-12-03**

This Certificate is valid until **2027-11-28**.

DNV local unit: **Essen**

Approval Engineer: **Arthur Ivombo**

for **DNV**



Digitally signed by
Drews, Olaf
Location: Hamburg

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

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Product categories:

- welded pressure equipment of class I & II:
 - welded pressure vessels and heat exchangers (e.g.: pressure vessels, filters, valves and piping for storage, regulation, filtration and transportation of fluids and gases).

Activity categories:

- production of pressure equipment (DNV-CP-0261)
- welding of pressure equipment (DNV-CP-0352)
- welding of piping systems (DNV-CP-0352)
- non-destructive testing (RT, PT and MT by own testing facilities and personnel, UT subcontracted to an accredited test laboratory)
- destructive testing (subcontracted to an accredited test laboratory)
- 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.

Remarks 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 Ship Pt.4 Ch.7 Sec.7 [4] shall be applied.

Place of Production:

W+Z Rohrsystem-Technik GmbH
Weiherdamm 17
57250 Netphen-Deuz – Germany

Approval documentation

Checklists and supporting documents:

- checklist for renewal/extension of approved manufacturers (CP-0346, 20.96a), 2024-11-12,
- summary of list of products supplied to DNV classed ships during previous validity period (CP-0346 Sec.2 [3.2]), see PEM 901,
- application for approval of pressure equipment manufacturers (CP-0261, PEM 901), 2024-11-12,
- checklist for initial approval of pressure equipment manufacturers (CP-0261, PEM 601), 2020-08-21,
- description of welding workshop (CP-0352, WELD 901), 2024-10-29,
- welding workshop qualification record (CP-0352, WELD 521), 2024-11-12,
- welding workshop assessment checklist (CP-0352, WELD 611), 2024-11-12,
- DNV approval of manufacturer certificate AMT00000NC due 2024-11-29.

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.