

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: AMT00000KX

This is to certify:

That the Manufacturer

AEL Apparatebau GmbH Leisnig Döbelner Strasse 9 04703 Leisnig, Germany

is approved for the

Manufacture of Welded Pressure Equipment, Class I & II

The 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:

Deputy welding supervisor:

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

Issued at Hamburg on 2021-05-04

This Certificate is valid until 2024-02-27.

DNV local station: **Hamburg – CMC North/East**

Approval Engineer: Frank Juckel



for **DNV**

Digitally Signed By: Struwe, Jonathan Location: DNV GL SE Hamburg, Germany Signing Date: 07.06.2021

Jonathan Struwe
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.





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Job Id: **263.11-003063-4** Certificate No: **AMT00000KX**

Approval basis

Product categories:

- Welded pressure equipment of class I & 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)
- Machining

Remark on NDT:

For non-destructive tests pertaining to pressure equipment class I and 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.

Remark on further activities:

The following facilities are not available in manufacturing place and if required according to DNVGL-RU-SHIP-Pt.4 Ch.7 then:

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

Approval documentation

Supporting documents from DNV GL surveyor and further accompanying documentation:

- Checklist renewal/extension of approved manufacturers (CP-0346, form 20.96a), 2021-03-02
- Application for initial approval of pressure equipment manufacturers (CP-0261, PEM 901), 2021-01-20
- Email station 2021-02-08 regarding CP-0261 (correspondence no.14)
- Email M-SA-MW 2021-05-03 regarding CP-0352 (correspondence no.17)
- Welding workshop qualification record (CP-0352, form WELD 521), 2021-03-02
- Former AOM-Certificate no. AMT000007J valid until 2021-02-28

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.

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