

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMT000001V
Revision No:
1

This is to certify:

That the Manufacturer
Estanc AS
Rae vald, Estonia

is approved for the
Manufacture of Welded Pressure Vessels, 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

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

Welding supervisor: **Mr. Sergey Grigorash**
Deputy welding supervisor: **Mr. Andres Põld**

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

Issued at **Høvik** on **2020-07-03**

for **DNV GL**

This Certificate is valid until **2023-05-09**.

DNV GL local station: **Tallinn FIS**

Approval Engineer: **Andreas Hansen**

Zeinab Sharifi
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 GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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.



Job Id: **263.11-005658-2**
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Approval basis

Product categories:

Welded pressure vessels class I and II:

- Welded pressure vessels/heat exchangers
- Process pressure vessel
- Thermal oil heaters

Activity categories:

- Production of pressure equipment (DNVGL-CP-0261)
- Welding of pressure equipment (DNVGL-CP-0352)

Remarks:

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.

The following facilities are not available in the manufacturing place and if required (according to DNV GL Ship Rules Pt.4 Ch.7), then:

- heat treatment shall 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:

- Application for initial approval of pressure equipment manufacturers (CP 0261), PEM 901 dated 2020-04-09
- Checklist for initial approval of pressure equipment manufacturers (CP 0261) PEM 601 signed by DNV GL Surveyor, dated 2020-05-13
- Application for welding workshop approval (CP 0352), WELD 901 dated 2020-04-09
- Welding workshop qualification record (CP 0352) signed by DNV GL Surveyor, WELD 521 dated 2020-05-13

Certificate Retention Survey

The AoM certificate is valid for three years with no intermediate assessment unless otherwise requested by the Society.