

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:**That the Manufacturer****ONDA S.p.A.****via Dante Alighieri, 27****36065 Mussolente (VI), Italy**

is approved for the

Manufacture of Welded Pressure Equipment, Class 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: **Conte Marco**Deputy welding supervisor: **Parolin Antonio**

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

Issued at **Hamburg** on **2021-03-10**for **DNV GL**This Certificate is valid until **2023-06-06**.DNV GL local station: **Italy/Malta CMC**Approval Engineer: **Arthur Ivombo**

Harald Pauli
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.



Approval basis

Product categories:

- welded pressure equipment of class II:
 - welded pressure vessel and heat exchanger (oil separator, liquid receiver, shell and tubes heat exchangers, evaporator, condenser, etc.)

Activity categories:

- production of pressure equipment (DNV GL-CP-0261)
- welding of pressure equipment (DNV GL-CP-0352)
- non-destructive testing (UT and RT subcontracted)
- destructive testing (subcontracted)
- machining

Remark on further activities:

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

- 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.

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 DNVGL-CG-0051 & DNV GL Pt.4 Ch.7 Sec.7 [4] shall be applied.

Approval documentation

Checklists and supporting documents from DNV GL surveyor:

- checklist for renewal/extension of approved manufacturers (CP-0346, 20.96a), 2021-01-12,
- summary of list of products supplied to DNVGL classed ships during previous validity period (CP-0346), 2021-02-15,
- checklist for initial approval of pressure equipment manufacturers (CP-0261, PEM 601), 2021-01-12,
- description of welding workshop (CP-0352, WELD 901), 2020-04-24,
- welding workshop qualification record (CP-0352, WELD 521), 2021-01-12,
- welding workshop assessment checklist (CP-0352, WELD 611), 2021-01-12,
- DNVGL approval of manufacturer certificate AMT0000024 due 2020-06-07.

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.