



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000036A

This is to certify:

That

Galperti Tech Forged Products S.p.A.
Via Ombriano, 14
23823 Colico LC,
Italy

is an approved manufacturer of
Heat treatment

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0351 Manufacture of heat treated products - heat treatment workshop

and the following particulars:

Application area	Heat treatment workshop
Heat treatment process	Quenching and tempering, Induction hardening
Product type	Steel forgings etc.
Steel type	Alloy
Max. weight	See page 2
Max. wall thickness	See page 2
Remarks	Approved as Independent Heat Treatment Workshop

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2024-07-09**

This Certificate is valid until **2027-07-08**.

DNV local unit: **Italy/Malta CMC**

Approval Engineer: **Christian Wildhagen**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

Stefan Röhr

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.



Form code: AM 311

Revision: 2022-12

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Particulars of the approval

Approval scope for Heat Treatment Workshop

Item	Description
Product Type	Steel Forgings
Steel Type	Alloy
Maximum Loading Weight	20 tons
Max. Thickness	200 mm (Quenching, Tempering) 30 mm (Induction hardening)
Heat Treatment Type	Quenching, Tempering, Induction hardening
Furnace Details	Gas furnace, Working zone (mm): Furnace No 1-4: Length 3 000, Width 3 000, Height 1 500 Furnace No 5: Length 16 770, Width 1 675, Height 1 700
Heat Treatment Procedure	Doc. No. HT01 Rev.0 dtd. 2020-04-07 Doc. No. IO016 Rev.0 dtd 2024-04-03 Doc. No. IO019 Rev.0 dtd 2024-04-03
Temperature Uniformity Survey Procedure	Doc. No. P007 Rev.0 dtd. 2024-03-06