



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00002SH**  
Revision No:  
**1**

This is to certify:

That

**BTT SRL**

**Via Scaroni 12, 25122 Brescia, BS, 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:

<b>Application area</b>	<b>Heat treatment workshop</b>
<b>Heat treatment process</b>	<b>See page 2</b>
<b>Product type</b>	<b>Forging, Bars, etc.</b>
<b>Steel type</b>	<b>Carbon and carbon-manganese, Alloy</b>
<b>Max. weight</b>	<b>See page 2</b>
<b>Max. wall thickness</b>	<b>See page 2</b>
<b>Remarks</b>	<b>Approved as Independent Heat Treatment Company</b>

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 **2023-06-20**

for **DNV**

This Certificate is valid until **2026-07-15**.

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

Approval Engineer: **Torben Schälicke**

**Thorsten Lohmann**  
**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.



## Particulars of the approval

### Approval scope for Independent Heat Treatment Company

Item	Description		
Product type	Forging, Bars, etc.		
Steel Type	Carbon and carbon-manganese, Alloy, Martensitic stainless		
Max. Thickness	500 mm		
Heat Treatment Type	Quenching and Tempering, Normalizing, Annealing		
Furnace Details	Gas fired furnaces		
	ID No.:	Working zone (mm):	Max. Loading weight
	Mercurio plant	1 900 x 2 000 x 1 800	1 500
	Andromeda plant	4 500 x 8 200 x 1 500	30 000
	Atlante plant	4 400 x 2 400 x 1 500	10 000
	Cassiopea plant	1 200 x 7 200 x 840	12 000
	Mizar plant	2 500 x 4 600 x 1 300	15 000
	Sagittario plant	1 500 x 4 000 x 1 200	5 000
Heat Treatment Procedure	Doc. No. P-03C dtd. 2020-03-23		