

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That
BTT SRL
Via Scaroni 12, 25131 FORNACI (BS),
Italy

is an approved manufacturer of
Heat treatment

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

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

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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2020-07-16**

for **DNV GL**

This Certificate is valid until **2023-07-15**.

DNV GL local station: **Italy/Malta CMC**

Approval Engineer: **Christian Wildhagen**

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 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.



Job Id: **263.11-010718-1**
Certificate No: **AMMM00002SH**

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 2	1 900 x 2 000 x 1 800	1 500
	Andromeda	4 500 x 8 200 x 1 500	30 000
	Atlante 2	4 400 x 2 400 x 1 500	10 000
	Cassiopea 3	1 200 x 7 200 x 840	12 000
	Mizar 4	2 500 x 4 600 x 1 300	15 000
	Sagittario 2	1 500 x 4 000 x 1 200	5 000
Heat Treatment Procedure	Doc. No. P-03C dtd. 2020-03-23		