## APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: **AMMM00001HG** Revision No:

1

DNV·GL

This is to certify: That **REINTJES GmbH** Eugen-Reintjes-Str. 7, 31785 Hameln, Germany

is an approved manufacturer of Manufacture of heat treated products - Heat treatment workshop

in accordance with **DNV GL rules for classification – Ships** 

and the following particulars:

Application area Heat treatment process Product type Steel type Heat treatment workshop See page 2 Forgings for gear wheels and gear shafts Carbon and Carbon-Manganese, Alloy See page 2

Max. weight

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 2020-11-02

This Certificate is valid until **2023-07-02**. DNV GL local station: **Magdeburg** 

Approval Engineer: Stefan Röhr

for DNV GL

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.



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 263.11-007144-2

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## Particulars of the approval

## Heat Treatment Workshop

Item	Description
Product type	Forgings for gear wheels and gear shafts
Steel Type	Carbon and Carbon-Manganese, Alloy
Max. weight	12 000 kg
Heat Treatment Procedures	Doc. No. SAB-PH-0010, DOK-PH-0015, DOK-PH-0008, SAB-PH-0011, DOK-PH-0007, SPB-PH-0001
Heat Treatment Type	Quenching and Tempering, Case Hardening