

Certificate

for

WPT Nord GmbH

Havelstraße 39

D-24539 Neumünster

Bureau Veritas Industry Services GmbH confirms that the

Repair procedure for a blade root insert repair design

of the above mentioned organization was reviewed and verified. The results were found to be in compliance with the requirements of the applied standards and regulations.

Scope of application

1 – Process instruction for aluminum-ring blade root

Procedural instruction, testing and repair of the blade root inserts

2 – Welding procedure specification

According: DIN EN ISO 14175 II

3 – Test instruction eddy current testing

According: DIN ISO 9712; DIN EN 13860 Teil 1 bis Teil 3; DIN EN 12084

4 – Test instruction ultrasonic testing

According: DIN ISO 9712; DIN EN 12668 Teil 1 bis Teil 3; DIN EN 12223; EN 2004-2 E

5 – Test instruction dye penetrant testing

According: DIN ISO 9712; DIN EN ISO 3452 Teil 2 bis Teil 4; DIN EN 571-1; DIN EN ISO 23277

6 – Verification report (Verifizierungsbericht)

Report no.: 6476297-BRV-VB-01-0 (Bureau Veritas Industry Services GmbH, from 17.07.2018)

Data of inspection on site: 16.07.2018

Date of certification: 20.08.2018 Validity of the certificate: until 20.08.2023

Bureau Veritas Industry Services will provide information of the validity of this certificate on request at any time. The certificate is only related to the verification report 6476297-BRV-VB-01-0.



Lars Groth
(Head of Certification Wind Services)



Frank Würzner
(Technical Manager INP Germany)

Date: 20.08.2018