

Type Certificate



GL Renewables Certificate No. **TC-GL-018A-2014**

This Type Certificate of the Ice Detection System

BLADEcontrol Ice Detector BID

is issued to

Bosch Rexroth Monitoring Systems GmbH
Else-Sander-Str. 8
01099 Dresden
Germany

We hereby certify that the Ice Detection System BLADEcontrol Ice Detector BID has been assessed by GL Renewables Certification (GL RC) concerning the system design, the prototype testing and the designer's / manufacturer's quality system.

The Type Certificate is based on the indicated documents as follows:

Report No. 72696-16, Rev. 4

Ice Detection System BLADEcontrol Ice Detector BID,
 dated 2014-12-09

Certificate Registr. No. 01 100 187122

Certificate of Approval acc. to ISO 9001:2008
 by TÜV Rheinland, valid until 2015-03-26

Normative references:

GL Rules and Guidelines – IV Industrial Services – Part 4 –
 Guideline for the Certification of Condition Monitoring Systems
 for Wind Turbines, Edition 2013

Changes of the system design, the production and erection or the designer's / manufacturer's quality system are to be approved by GL RC; otherwise this Type Certificate loses its validity.

This Type Certificate is valid until **2016-12-08**, provided that a valid "Certificate for the Quality Management System" is available for this period and the annual update is successfully performed on the basis of Section 3.1.5.4 of above mentioned normative reference.

Hamburg, 2014-12-09
 Stgr/RoKa *Roka*

GL Renewables Certification

[Signature]
 i. V. Axel Dombrowski
 Global Head of Department

[Signature]
 i. V. Kimon Argyriadis
 Research and Innovation Manager

By DAKkS according DIN EN IEC/ISO 17065
 accredited Certification Body for products
 The accreditation is valid for the fields of certification
 listed in the certificate



Renewables Certification
 Germanischer Lloyd Industrial Services GmbH
 Brooktorkai 18
 20457 Hamburg, Germany

The latest edition of the "General Terms and Conditions of Germanischer Lloyd Industrial Services GmbH" is applicable. German law applies.

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