

# Component Certificate



GL Renewables Certificate No. **CC-GL-013A-2014**

This Component Certificate for the

## Ice Detector LID-3300IP

is issued to

**Labkotec Oy**  
**Myllyhaantie 6**  
**FI-33960 Pirkkala**  
**Finland**

We hereby certify that the Ice Detector LID-3300IP has been assessed by GL Renewables Certification (GL RC) concerning the Design, the 'Implementation of the design requirements in Production and Erection' (IPE), the Prototype Testing and the manufacturer's quality system.

The Component Certificate is based on the indicated documents as listed in the Annex.

Normative references: GL Rules and Guidelines – IV Industrial Services – Part 1 –  
"Guideline for the Certification of Wind Turbines", Edition 2010

Changes of the design, the production or the manufacturer's quality system are to be approved by GL RC, otherwise this Component Certificate loses its validity.

This Component Certificate is valid until **2019-11-20**, provided that a valid "Certificate for the Quality Management System" according to ISO 9001 is available for this period and the annual update is successfully performed on the basis of Section 1.2.2.2 of above mentioned normative reference.

Hamburg, 2014-11-21

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GL Renewables Certification

*Mike Woebeking*  
ppa Mike Woebeking  
Head of Certification Body

*Axel Dombrowski*  
i. V. Axel Dombrowski  
Head of Department

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  
20459 Hamburg, Germany

# Component Certificate



**Annex**

2014-11-21  
page 1/1

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CC-GL-013A-2014

Indicated documents:

- |                   |  |
|-------------------|--|
| <b>75199-2</b>    | Certification Report Safety System and Manuals,<br>dated 2014-11-21  |
| <b>75199-6</b>    | Certification Report Electrical installations and lightning protection,<br>dated 2014-11-21  |
| <b>75199-10</b>   | Certification Report Prototype Testing,<br>dated 2014-11-21  |
| <b>75199-15</b>   | Certification Report Implementation of the design-related<br>requirements in Production and Erection (IPE) (Labkotec and Jotel),<br>dated 2014-11-21               |
| <b>HEQ0006111</b> | Certificate of Approval for the Quality Management System<br>issued by Lloyd's Register Quality Assurance Ltd, Finland<br>dated 2013-03-01, valid until 2016-02-28 |

End of Annex

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