

# EC FULL PRODUCT QUALITY MANAGEMENT CERTIFICATE

**This is to certify:**

That the Quality Management System of

Manufacturer

**Vestas Aircoil A/S**  
**LEM, Denmark**

for design, manufacture, final inspection and testing of  
**Pressure Equipment**

has been assessed with respect to  
the conformity assessment procedure described in Annex III (Module H) of Council Directive 97/23/EC  
on Pressure Equipment, as amended, and found to comply

Further details are given overleaf

**Høvik, 2015-12-10**  
for **DNV GL**

Notified Body No.: **0575**

This Certificate is valid until  
**2018-12-09**

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**Marianne Spæren Marveng**  
**Certification Manager**

DNV GL local office:  
**Fredericia**

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**Thomas Woehler**  
**Technical Reviewer**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. Except for any liability caused by DNV GL's gross negligence or wilful misconduct, DNV GL's maximum cumulative liability arising out of or related to the use of or reliance on this document shall be limited to USD 300 000.  
The digitally signed and electronically distributed document is the original and valid certificate. Ref.: [www.dnv.com/digitalsignatures](http://www.dnv.com/digitalsignatures)

Job Id: **341.4-000324-1**  
Certificate No: **PEDH0000005**

## Jurisdiction

Application of Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment, adopted as regulation of 1999-06-09 no. 721 "Forskrift for Trykkpåkjet Utstyr" by the Norwegian Directorate of Civil Protection and Emergency Planning and by the Petroleum Safety Authority Norway.

## Certificate history

Revision	Description	Issue Date
-	88 432 - 13 HH, with Annex 1, issued by GL SE, Notified Body 0098	2014-04-03
-	Original certificate	2015-12-10

## Products covered by this Certificate

Product Group	Type of Material	Applied Product Standards
Tube heat exchanger (Air cooler)	Steel and cast iron (spherical)	N/A
Piping	Steel	N/A

## Applications/Limitations

- This Certificate only relates to directives described above. Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.

## Sites covered by this Certificate

Product Name, Activity	Production Site Name	Address
Pressure Equipment - Design release, Declaration of Conformity	Vestas Aircoil A/S	Smed Hansens Vej 13 DK - 6940 Lem Denmark
Air cooler - Manufacturing and Testing	Vestas Aircoil Cooling Technology (Suzhou) Ltd.	666 JianLin Road Export Processing Zone Sub-Industrial Park - Building 8 215151 Suzhou New District P.R. China
Air cooler, Piping - Manufacturing and Testing	Vestas Aircoil Romania S.R.L.	Parcul Industrial Ghimbav Hala 2, locatia2 DJ103C 507075 Ghimbav Judl. Brasov, Romania

## Performed Audits

DNV GL has carried out the Assessment of the Manufacturers Quality System to verify that the relevant requirements relating to the above listed product(s) have been implemented

Assessment has been carried out on the production site by DNV GL Denmark and Romania, as described in Assessment Reports dated 2015-04-30 and 2015-10-05.

## Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/EEC, as amended, will apply
- The certificate is only valid for the products and/or manufacturing premises listed above.
- The Manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and efficient.

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- The Manufacturer shall inform the local DNV GL Office of any intended updating of the quality system and DNV GL will assess the changes and decide if the certificate remains valid.
- The Manufacturer shall inform the local DNV GL Office of any addition of products outside the scope for this Certificate and DNV GL will decide if a reassessment of the quality system is required.
- Periodical audits will be held, in order to verify that the Manufacturer maintains and applies the quality system. DNV GL reserves the right, on a spot basis or based on suspicion, to pay unannounced visits.
- The local DNV GL Office must be informed of any sub-suppliers for main pressure retaining parts.
- The Manufacturer shall inform the local DNV GL Office of the intended schedule of production for pressure vessels and directly heated vessels with risk for over-heating in Category III covered by this Certificate .
- The final assessment of every single equipment (if directly heated vessels with risk for overheating) shall be subject to surveillance by DNV GL.

The following may render this Certificate invalid:

- Changes in the quality system.
- Periodical audits not held within the allowed time window.

### **Conformity declaration and marking of product**

When meeting with the terms and conditions above the Manufacturer may draw up an EC Declaration of Conformity and legally affix the CE mark followed by the Notified Body identification number of DNV GL Notified Body No.: 0575.