

# TYPE CERTIFICATE

Certificate No.:  
TC-DNVGL-SE-0439-03133-0

Issued:  
2017-07-25

Valid until:  
2019-07-24

Issued for:

## fos4Blade Condition Monitoring System (CMS)

Specified in Annex 1

Issued to:

## fos4X GmbH

Thalkirchner Str. 210  
81371 München  
Germany

According to:

## DNVGL-SE-0439:2016-06 Certification of condition monitoring

Based on the documents:

CR-CMS-DNVGL-SE-0439-03133-0

Certification Report  
fos4Blade Condition Monitoring System (CMS),  
dated 2017-07-25

Changes of the system design, the production and erection or the manufacturer's quality system are to be approved by DNV GL.

Hamburg, 2017-07-25

For DNV GL Renewables Certification


  
**Mike Woebeking**  
Service Line Leader Component Certification



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.

Hamburg, 2017-07-25

For DNV GL Renewables Certification

  
**Nils Kreidelmeyer**  
Senior Project Manager

# TYPE CERTIFICATE - ANNEX 1

Certificate No.: TC-DNVGL-SE-0439-03133-0

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**General**

System name fos4Blade CMS

**Hardware**

Measuring unit fos4Test

Number of channels per blade (acceleration) 2

Number of digital channels -

Vibration sensor type (fibre optic) fos4Acc 2D

**Software**

Name kOS

Version V37