

# TYPE CERTIFICATE

Certificate No.:  
TC-DNVGL-SE-0439-04235-0

Issued:  
2018-09-21

Valid until:  
2020-09-20

Issued for:

## fos4X Rotor Ice Control

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-0439-04235-0

Certification Report fos4X Rotor Ice Control,  
dated 2018-09-21

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

Hamburg, 2018-09-21

For DNV GL Renewables Certification

  
Christer Eriksson  
Service Line Leader Type 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, 2018-09-21

For DNV GL Renewables Certification

  
Robert Kasch  
Senior Project Manager

# TYPE CERTIFICATE - ANNEX 1

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**General**

System name

fos4X Rotor Ice Control

**Hardware**

Measuring unit

Blackbird OECD (16Ch,  
ETH/CNO/PRN)

*alternative:*

fos4Test

2

-

fos4Acc 2D

Number of channels per blade (acceleration)

Number of digital channels

Vibration sensor type (fibre optic)

**Software**

Name

kOS

Version

V37

*Roskas*