

Functional Safety  
Certified Engineer Machinery

# Certificate

## FSCEM

TÜV NORD Systems GmbH & Co. KG hereby certifies that

**Joerg Knierriem**

has successfully completed the  
Functional Safety Certified Engineer Machinery Workshop  
and fulfils the qualification criteria for the  
**Functional Safety Certified Engineer Machinery.**

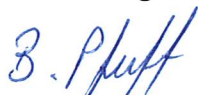
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- Regular framework, vocabulary and application of the machinery directive
  - Execution of an application example according to the machinery directive
  - Conformity assessment, documentation and CE marking
  - Overview of the harmonized standards IEC 62061 and ISO 13849
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**Certificate No.: A031\_02419/23**

Date of issue: 10.2023

Valid to: 10.2026

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