

Functional Safety  
Certified Engineer Machinery

# Certificate

## FSCEM

TÜV NORD Systems GmbH & Co. KG hereby certifies that

**Ming Liu**

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

- 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

**Certificate No.: A031\_01588/19**

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Valid to: 2022-05

TÜV NORD Systems GmbH & Co.KG

Functional Safety

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