## Certificate

## FS Eng (TÜV Rheinland)

Functional Safety Engineer (TÜV Rheinland)

Application Area Safety Instrumented Systems

ID-No. # 20361/ 20

Certificate Owner Axel Erbe

Germany

Course Provider HIMA Paul Hildebrandt GmbH - Germany

Training Contents Process Safety Risk / Layers of Protection

International Safety Standards, Regulations, Enforcement Safety Integrity Level (SIL) Assignment Methodologies Safety Requirement Specifications (SRS) Development Safety Integrity Level (SIL) Verification Methodologies

Management of Functional Safety

SIS Design and Good Engineering Practices

Initial Issue Date December 2019

Expiry Date December 2024

Validity This certificate is valid for 5 years.

Dipl.-Ing. Joerg Krämer

Cologne, February 2020

Head of TÜV Rheinland Functional Safety Training Program

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