

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-ZE-12007-01-12 according to DIN EN ISO/IEC 17065:2013

Valid from: 19.10.2018

Date of issue: 19.10.2018

Holder of certificate:

TÜV NORD CERT GmbH
Langemarckstraße 20, 45141 Essen

Certifications of products, processes and services in the fields:

Cyber Security according to the certification scheme for compliant objects, components, devices, systems and applications including the management of secure product / system development, applications and operation according to sectors listed in this attachment, mainly:

- **Power plant control and safety technology, including nuclear applications**
- **Process technology, control systems**
- **Manufacturing technology**
- **Rail technology**
- **Building and Infrastructure technology**
- **Renewable technology**
- **Machine and plant safety**
- **Automotive applications**
- **Elevator systems, escalators and moving walkways**
- **Industrial communication networks**

Abbreviations used: see last page

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Certification Scheme for Cyber Security:

CERT-310-VA-001 Conformity assessment program: Services on Industrial Security
2018-07 according to standard series IEC 62443

The aforementioned certification scheme applies to the following compliant objects, components, devices, systems and equipment:

- Programmable Logic Controllers
- Process control systems
- Data loggers
- Data storage systems
- Control servers
- SCADA servers
- Controllers
- Embedded System/controllers
- Data Radios
- Intelligent Electronic Devices
- Human Machine Interfaces
- Input/Output (I/O) Servers
- Fieldbuses
- Networking equipment for ICS systems
- Smart sensors
- Distributed Control Systems
- Remote Terminal Units
- Sensors
- Actuators

The evaluations, assessments and certifications are based on the following basic standards of Cyber Security:

Basic standards of Cyber Security:

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|--------------------------|---|
| IEC 62443-2-4 2015-06 | Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers |
| IEC 62443-3-2 2017-11 | Security for industrial automation and control systems - Part 3-2: Security risk assessment and system design |

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| IEC 62443-3-3 2013-08 | Industrial communication networks - Network and system security - Part 3-3: System security requirements and security levels |
| IEC 62443-4-1 2018-01 | Security for industrial automation and control systems - Part 4-1: Secure product development lifecycle requirements |
| IEC 62443-4-2 2017-05 | Industrial communication networks - Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS components |

Abbreviations used:

| | |
|------------|---|
| CEI | Central European Initiative |
| DIN | Deutsches Institut für Normung e. V. |
| ENTSO | European Network of Transmission System Operators for Electricity |
| IEC | International Electrotechnical Commission |
| ISO | Internationale Organisation für Normung |
| CERT-XX-VA | Procedure of TÜV NORD CERT GmbH |
| VDE | Verband der Elektrotechnik Elektronik Informationstechnik e.V. |

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