

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-IS-14153-02-06 according to DIN EN ISO/IEC 17020:2012

**Valid from: 03.04.2019**

Date of issue: 03.04.2019

Holder of certificate:

**TÜV SÜD Industrie Service GmbH**  
**Inspektionsstelle Elektro- und Leittechnik**  
**Westendstraße 199, 80686 München**

for its inspection body Type A

Inspections in the fields:

**Electrical and I&C Systems**  
**of nuclear and conventional industrial plants in accordance with the following inspection procedures**

### Inspection Procedures:

IS-ET-AE001 V1.4, October 2018	Procedure: Type Approval according to YVL	
	YVL 5.5: 13.09.2002	<i>Instrumentation Systems And Components at Nuclear Facilities</i>
	YVL E.7: 15.11.2013	<i>Electrical and I&amp;C Equipment of a Nuclear Facility</i>
IS-ET-AE002 V1.6, October 2018	Procedure: Type Testing	

Abbreviations used: see last page

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IS-ET-AE003 V1.0, April 2013	Procedure: Compliance Check of the SW Design
IS-ET-AE004 V1.2, March 2018	Procedure: Compliance Check of the HW Design
IS-ET-AE005 V1.0, April 2013	Procedure: Compliance Check of the Configuration Control
IS-ET-AE006 V1.0, April 2013	Procedure: Compliance Check of Practical Testing
IS-ET-AE007 V1.4, October 2018	Procedure: Compliance Check of Manufacturing Documents
IS-ET-AE008 V1.0, October 2018	Procedure: Compliance Check of the Quality System for Manufacturing
IS-ET-AE009 V1.2, October 2018	Procedure: Development Process Audit
IS-ET-AE010 V1.2, October 2018	Procedure: Auditing of the Manufacturing Quality
IS-ET-AE011 V1.2, October 2018	Procedure: Assessment of the HW Design
IS-ET-AE012 V1.2, October 2018	Procedure: Assessment of the SW Design
IS-ET-AE013 V1.2, October 2018	Procedure: Assessment of Operating Experience
IS-ET-AE014 V1.3, October 2018	Procedure: Assessment of Test Specifications
IS-ET-AE015 V1.3, October 2018	Procedure: Inspection of Test Setup
IS-ET-AE016 V1.2, January 2014	Procedure: Supervision and Witnessing of Practical Tests
IS-ET-AE017 V1.0, April 2013	Procedure: Witnessing of Functional Tests

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IS-ET-AE018 V1.0, April 2013	Procedure: Witnessing of Mechanical Load Tests
IS-ET-AE019 V1.0, April 2013	Procedure: Witnessing of Climatic Tests
IS-ET-AE020 V1.0, April 2013	Procedure: Witnessing of the LOCA Test
IS-ET-AE021 V1.0, April 2013	Procedure: Witnessing of Radiation Tests
IS-ET-AE022 V1.0, April 2013	Procedure: Witnessing of Post-Accident Tests
IS-ET-AE023 V1.0, April 2013	Procedure: Witnessing of EMC Tests
IS-ET-AE024 V1.0, April 2013	Procedure: Assessment of a Failure Modes and Effects Analysis
IS-ET-AE025 V1.0, April 2013	Procedure: Critical Load Analysis
IS-ET-AE026 V1.1, October 2018	Procedure: Check of Failure Rates
IS-ET-AE027 V1.0, April 2013	Procedure: Inspection of Manufacturing Processes
IS-ET-AE028 V1.1, March 2018	Procedure: Compliance Check of Electromagnetic Compatibility
IS-ET-AE029 V1.0, March 2017	Procedure: Assessment of Electromagnetic Compatibility

**Abbreviations used:**

I&C	Instrumentation and Control
IS-ET-AE	In house method of the TÜV SÜD Industrie Service GmbH
YVL	Regulatory Guides on nuclear safety

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