

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-IS-11255-01-00 according to DIN EN ISO/IEC 17020:2012

Period of validity: 18.10.2017 to 15.10.2022 Date of issue: 17.10.2019

Holder of certificate:

Dr. Graband & Partner GmbH
Efeuweg 9, 38104 Braunschweig

for its inspection body Type A

Inspections in the fields:

- **Railbound Traffic**
- **Automation Engineering**
- **Automotive**

Annex to the accreditation certificate D-IS-11255-01-00

Railbound Traffic			
Description	No.	Titel	Version/Edition
Inspection program	IP 15	Inspection of functional and safety case in rail-bound traffic	03 v. 18.08.2017
Inspection instruction	IA 14	Inspection of technical planning documents in rail-bound traffic	01 v. 30.06.2017
in-house procedures	BAP 03	Plan inspection PT I + II ESTW EI S	06 v. 17.01.2012
Documentation	EN 50126-1	Railway applications - Specification and verification of reliability, availability, maintainability and safety (RAMS)	2011 - 01
	EN 50128	Railway applications - Telecommunications, signalling and data processing systems - Software for railway control and monitoring systems	2001 - 11 2012 - 03
	EN 50129	Railway applications - Telecommunications, signalling and data-processing systems - Safety-related electronic systems for signalling	2003 - 12

Annex to the accreditation certificate D-IS-11255-01-00

Automation Engineering			
Description	No.	Titel	Version/Edition
Inspection program	IP 16	Functional safety of components and systems in automation technology	02 v. 16.08.2017
Inspection instruction	IA 12	Requirements for the inspection of phase-oriented development	01 v. 30.06.2017
Documentation	ISO 10218-1	Robots and robotic devices - Safety requirements for industrial robots - Part 1: Robots (ISO 10218-1:2011); German version	2012 - 03
	ISO 13849-1	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2015); German version	2016 - 06
	TS 15066	Robots and robotic devices. Collaborative robots	2017 - 04

Automotive			
Description	No.	Titel	Version/Edition
Inspection program	IP 17	Functional safety of components and systems in the automotive sector	03 v. 18.08.2017
Inspection instruction	IA 12	Requirements for the inspection of phase-oriented development	01 v. 30.06.2017
Documentation	ISO 20262	Road vehicles – Functional safety	2011- 11

Annex to the accreditation certificate D-IS-11255-01-00

Abbreviations used:

DIN Deutsches Institut für Normung e.V.
NDS In house method of the CAB