5.3
VDA Standards

VDA Standards

- The VDA methods and requirements (VDA Standards) are developed by German automotive industry which consist of most experienced OEM und supplier experts.
- The VDA Standards are published in English and Chinese language.
- These standards & methods define the “state of the art” of quality management in the German automotive industry; The German Automotive Industry constantly further develops the standards.
- Only VDA QMC has genuine access to the latest revisions of VDA standards/trainings and knowledge.

Contact

Ms. MI
Tel.: +86 10 6590 0067 ext. 200
Email: booksales@vdachina.com.cn

Mandatory Volumes (Cover page color: Red)

No.		Title	Language	Version & Release date in Germany
1	NEW	VDA 1 Documented Information and Retention	CN/EN	New version planned July 2026 CN version planned August 2026
2	NEW	VDA 2 Quality Assurance for Supplies – Production process and product approval (PPA)	CN/EN	7th revised edition, planned publish on Q4, 2026
4		VDA 4 Section 1: General Methods Overview, Elementary Aids, Development Processes	CN/EN	3rd, fully revised and expanded edition, March 2021
		Section 2: Risk Analyses Fault Tree Analysis – FTA, Failure Mode and Effects Analysis (FMEA), SWOT-Analysis (Strengths – Weaknesses – Opportunities –Threats)	CN/EN	3rd fully revised and expanded edition, March 2021
		Section 3: Methods Design for Manufacturing and Assembly (DFMA), Digital Mock-Up (DMU), Design of Experiments (DoE) – Trial Methodology, Manufacturing Feasibility Analysis, POKA YOKE, Quality Function Deployment (QFD), TRIZ, Economical Process Design and Process Control, 8D Method, 5 Why Method, Selection of Preventive Quality Management Methods	CN/EN	3rd, fully revised and expanded edition, March 2021
		Section 4: Process Models Six Sigma, Design for Six Sigma (DFSS), Industrial Tolerance Process	CN/EN	3rd, fully revised and expanded edition, March 2021
5		VDA 5 Measurement and inspection processes Capability, planning and management	CN/EN	3rd, revised edition, July 2021
5.1		VDA 5.1 Traceable Inline Measuring Technology	CN/EN	2nd edition, March 2024
5.2		VDA 5.2 Capability of Measurement Processes for the Torque Inspection on Bolted Joints (revision)	CN/EN	2nd revised edition, January 2025. CN version planned Q3, 2025
5.3		VDA 5.3 Capability of Inspection Processes Optical Sensors/Image Processing	CN/EN	1st edition, December, 2024
6		VDA 6 Certification Requirements for VDA 6.1, VDA 6.2 and VDA 6.4	CN/EN	6th revised edition, September 2016; English version, September 2017
6.1		VDA 6.1 QM-System Audit Serial Production	CN/EN	5th edition, Dec. 2016
6.2		VDA 6.2 QM System Audit - Services - Special Requirements for Service Organizations in the Automotive Industry	CN/EN	3rd edition, Jun. 2017
6.3		VDA 6.3 Process Audit	CN/EN	4th revised edition, Jan. 2023
6.4		VDA 6.4 System Audit-Production Equipment	CN/EN	3rd edition, Jun. 2017

No.		Title	Language	Version & Release date in Germany
6.5		VDA 6.5 Product Audit – Guidelines	CN/EN	3rd, revised edition in March 2020
6.7		VDA 6.7 Process Audit – Production Equipment Product realization process/single-piece production	CN/EN	3rd, revised edition, May 2020
6.8		VDA 6.8 Supply Chain Process Audit	CN/EN	1st edition, December 2024
16		VDA 16 Decorative Surfaces of External Fittings and Functional Parts in the Internal and Externals of Automobiles – Evaluation Conditions / Definitions of Characteristics and Dealing with Defects / Acceptance Criteria	CN/EN	3rd Edition 2016
19	NEW	VDA 19.1 Inspection of Technical Cleanliness Particulate contamination of functionally relevant automotive components	CN/EN	3rd revised edition, February 2026 CN version planned Aug. 2026
		VDA 19.2 Technical Cleanliness in Assembly Environment, Logistics, Personnel and Assembly Equipment	CN/EN	1st edition, 2010 Improved Chinese translation version, December 2024
Agile Collaboration		Agile Collaboration	CN/EN	1st edition, Jan. 2021
EOS		EOS – Electrical Overstress in the Automotive industry	CN/EN	1st edition, Jan. 2020
LL		Lessons Learned	CN/EN	1st edition, Nov. 2020
PC1		Product Compliance Volume 1: Product Compliance System	CN/EN	1st edition, Nov. 2023
PC2	NEW	Product Compliance Volume 2: Product Safety and Product Conformity	CN/EN	1st edition, planned Q3, 2026
PI*		Product Integrity – Recommended action for organizations regarding product safety and conformity, 1st edition Nov. 2018 (Including Recall Management Using Over the Air updates, 1st edition July 2020)	CN/EN	edition 1.1 Sep. 2020 (China)
8D		8D - Problem Solving in 8 Disciplines	CN/EN	1st edition, Nov. 2018

* This volume planned to be replaced by Product Compliance Volume 2: Product Safety and Product Conformity on Q2, 2026

Guidelines Volumes (Cover page color: Blue-Gold, Gray and Blue-Red) (A-Z)

Title	Language	Version & Release date in Germany
AIAG & VDA FMEA Handbook	CN/EN	1st edition, 2019
A process description covering Special Characteristics (SC)	CN/EN	2nd, updated edition, Apr. 2020
Customer specific requirements	CN/EN	2nd revised edition, Nov. 2018
Field Failure Analysis (FFA) & Audit standard	CN/EN	2nd edition, Dec. 2018
Guidelines on analyzing possible scenarios and risks when using consumer electronics (CE) components in vehicles	CN/EN	2nd revised edition, September 2022
Maturity Level Assurance (MLA) for New Parts Product creation - Maturity Level Assurance for new Parts – Methods, measurement criteria, documentation	CN/EN	3rd revised edition, June 2022
Robust Production Process (RPP) Product Manufacturing and Delivery – Robust Production Process, Pre-requisites, Standards,Controlling, Examples	CN/EN	1st edition, Nov. 2007 Update reprint in Nov. 2019
Standardized Process for Handling Customer Complaints	CN/EN	2nd edition (revised), Dec. 2020
VDA 5 Practical Guide	CN/EN	1st edition, September 2022
AIAG VDA SPC Manual	CN/EN	1st edition, planned July 2026

Automotive SPICE® Related Volumes

Title	Language	Version & Release date in Germany
Automotive SPICE® Process Reference Model - Process Assessment Model (PAM)	CN/EN	4.0 Version, Nov. 29th 2023
Automotive SPICE® Process Reference and Assessment Model for Cybersecurity Engineering	CN/EN	2.0 Version, Mar. 28th, 2025
Automotive SPICE® for Cybersecurity Part I: Process Reference and Assessment Model for Cybersecurity Engineering Part II: Rating Guidelines on Process Performance (Level 1) for Cybersecurity Engineering	CN/EN	2nd edition, March 2025
Automotive SPICE® Guidelines Process assessment using Automotive SPICE in the PAM 4.0	CN/EN	2nd revised edition, November 2023
Automotive SPICE® Potential Analysis Process Reference and Assessment Model	CN/EN	1st edition, June 2024
Automotive SPICE® Potential Analysis Process Reference and Assessment Model based on Automotive SPICE® and Automotive SPICE® for Cybersecurity including Guidelines	CN/EN	1st edition, August 2024