

VDA 6.X Quality Management System and Audits



Corporate Office:
Office No. 7 & 8, Ashok Nagar 1 B,
Vazira, Borivali (W), Mumbai – 400 092.
Maharashtra, INDIA

☎ +91 98202 04373 / 98200 33608
✉ info@pqsmitra.com
🌐 www.pqsmitra.com

What is VDA 6.X

VDA (Verband der Automobilindustrie) 6.x is a set of automotive quality standards fostered by Germany's national automaker association. Required by all major German automotive manufacturers and their suppliers, the VDA 6.x framework is also officially recognized in France and Italy. This makes VDA 6.x critical for players hoping to compete in the European automotive sector.

There are different sub-volumes for fundamentals of Quality Audits – Certification Requirements. Automobiles are very complex machines, which comprises of many complicated components. Hence to ensure and maintain consistency in quality of components, throughout the entire manufacturing and servicing process is essential.

VDA 6.X Quality Management System certification is a supplement of ISO 9001 for the automotive industry as required by automotive manufacturers in Germany. The VDA 6 is classified into two areas; management and products & processes. At present due to market competition, the time required between concepts to manufacturing has become noticeably short. Hence the demand for adherence to the standard has increased and the German auto mobile industry has made it mandatory that the Tier 1 and Tier 2 suppliers to them, must ensure the compliance and get them certified to VDA.

What are the focus points and the overview of VDA 6.X

VDA 6.1 – Verband der Automobilindustrie 6.1 certification endorses that the integrity of your products and processes are as per the German manufacturing standard requirements. This certification can be issued together or on its own with ITAF 16949 for manufacturers of automobile parts.

VDA 6.1 covers the below areas, in addition to the requirements of ISO 9001 standard

- Recognition of product risk
- Employee satisfaction
- Quotation structure
- Quality history

VDA 6.2 – Verband der Automobilindustrie 6.2 is a Quality Management System certification meant for service providers in the automotive industry such as car dealerships or logistics providers. Through this certification, you get a competitive edge in the industry and also gives assurance to your customers that they can expect a consistent, high quality service in all their transactions with your business.

VDA 6.3 – Verband der Automobilindustrie 6.3 is a process based audit standard for evaluating and improving controls in a manufacturing organization's new product introduction and manufacturing processes. The standard was comprehensively restructured in 2010 to reflect the changes to ISO 9001 and customer specific requirements in the automotive industry. Passing the VDA 6.3 audit allows your company to become a potential supplier to German automakers.

VDA 6.4 - Verband der Automobilindustrie 6.4 certification specifically applies to tools and machines manufacturer for the automotive industry. The reliability and safety of such equipment is most important, especially for providers of such tools. This certification will assure your customers that your products are of the highest manufacturing and safety standards.

Who all are eligible for VDA 6.X Compliance?

Generally manufacturing sites where production, service parts, and/or accessory parts that shall be mechanically attached or electrically connected to the vehicle are manufactured and supplied to automotive customers opt for VDA 6.X compliance.

How will VDA 6.X Implementation Benefit your Organization?

- Status of approved supplier for supply to automotive OEMs.
- Stringent process controls
- Deletion of non-value-added activities and Waste elimination
- Cost effectiveness at various stages of the operations of the organizations
- improved product safety and warranty management
- Manufacturing Quality and Productivity improvement
- Good Marketing Tool and Credibility in Overseas Business.
- Satisfaction and Retention of Valuable Customers

VDA 6.X Reference Standards

- ISO 9000:2015 - Quality management - customer satisfaction - Guidelines for complaint handling in organizations
- IATF 16949:2016 Quality management system for automotive industry

Why is verband der automobilindustrie essential?

- VDA 6.1 is only required for automotive manufacturers, VDA 6.2 and VDA 6.4 are required for automotive service providers and automotive tool and machine manufacturers, respectively. By implementing the VDA 6.X programme, your company can commit to a long-term goal of consistently meeting and exceeding the expectations of your customers. In addition to increasing organizational efficiency and product quality, adhering to certification requirements may reduce waste and errors, potentially improving overall productivity.

What accurately is a VDA 6.5 Product audit?

The VDA 6.5 standard is a management guideline for product audit programmes. This enables organizations to create their own auditing system, auditing programmes, audit plans, and audit execution. The VDA 6.5 standard seeks to identify potential points of complaint and to improve products.

What exactly is the VDA System?

VDA 6.1 is a quality management system standard developed by a German based automobile industry. The first VDA standard, "VDA-FS," was for the exchange of surface models. In addition to this exchange standard, VDA created "VDA-PS," a library standard for standard parts that is now known as "DIN 66304."

What precisely is VDA testing?

The Association of German Automobile Manufacturers, or VDA, has developed a specification for testing the audio performance of hands-free devices. The VDA specification has become the industry standard for testing hands-free systems.

What is the validity of VDA 6.X Certification?

The validity of the VDA 6.X Certification is 3 Years

What is the frequency of monitoring the VDA 6.X Standards during the validity period?

One year is the frequency of monitoring the VDA 6.X Standards during the validity period.

What happens to my existing Certificate when any standard is revised?

Generally, whenever there is a revision, the previous standard is kept valid for 2 to 3 years. It is also called as transition period. Earlier the organization certified as per previous standards is expected to upgrade and get certified in accordance with revised new standard.

How will PQSmitra help you with Hassle Free Implementation process for VDA 6.X Certification?

PQSmitra has developed a simple and practical methodology to implement requirements of respective applicable VDA standard. PQSmitra offers 100% documentation support, training and also hand holding to team members which makes the entire project execution easy, hassle free and result oriented. VDA 6.X (Verband der Automobilindustrie) implementation process is described below:

- Review of the existing process controls. This review is carried out by visits.
- Gap analysis and planning for the implementation
- Procedures, work instructions and related records
- Training and Hand holding/ support for implementation
- Internal audit for verification of implemented system
- VDA audit & Reporting



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