

VDA 6.3 Process Auditor Training

SMMT have been appointed by VDA QMC Germany to deliver approved VDA 6.3 Process Audit training and qualification modules.

Background

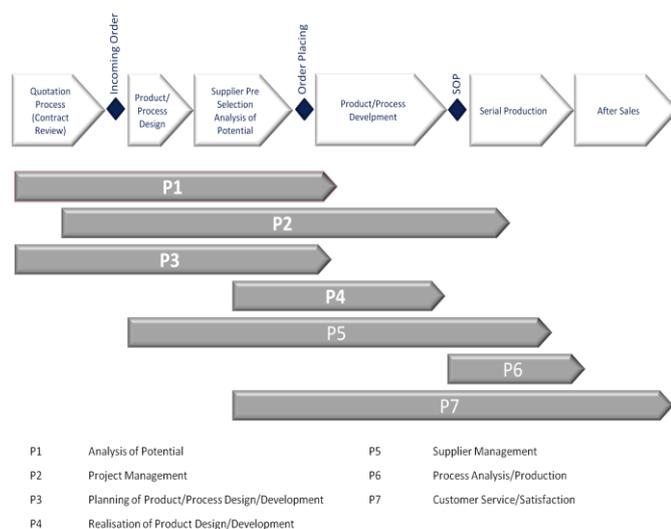
Developed by the German Automotive industry, VDA 6.3 defines a process based audit standard for evaluating and improving controls in a manufacturing organisation's processes. Revised in 2010, the standard was comprehensively restructured to reflect the changes to ISO9001 and customer specific requirements in the automotive industry.

The standard can be used by any organisation, either for internal process audits, or for evaluating potential or existing suppliers.

Compliance to VDA 6.3 is mandated by some vehicle makers and encouraged by others, in particular the German automotive industry.

The diagram below shows the scope of VDA 6.3 and how the 7 sections (P1-P7) span the entire product realisation process.

Scope of VDA 6.3



P1 is the section that can be used to evaluate a potential supplier, an existing supplier at a new location, or an existing supplier in a new technology. The P1 assessment, used to assess suppliers capability, should be carried out before placement of contract. After auditing to 35 defined questions, a "traffic light" ranking is determined, with green fully acceptable, yellow conditionally acceptable and red not acceptable.

Sections P2 to P7 are applicable when undertaking an internal audit or an audit of an existing supplier. This can be done as one complete audit, or can be broken down into audits of individual processes/sections.

The following information provides an overview of each section of VDA 6.3:

VDA 6.3 Section by Section

Section P2 – *Project Management*, a new section in the 2010 edition, is dedicated to questions related to an organisations or suppliers process for project management, including planning, assignment of responsibilities, interaction with the customer and change control.

Section P3 – *Planning of Product/Process Design/Development*, includes questions relating to feasibility analysis, resource allocation and planning, including sourcing of bought out products or services related to the product.

Section P4 – *Realisation of Product Design/Development*, includes questions relating to development of FMEA and control plans, training of personnel, pre-production activities, and transfer of a new project to production.

Section P5 - *Supplier Management*, covers the process of supplier selection, developing supplier agreements and receiving product verification.

Section P6 – *Process Analysis/Production*. The scoring system allows analysis of individual processes (e.g. plating, pressing, heat-treatment, etc.) and then looks at the combination of these processes in producing a final product.

This is the biggest section of the standard, with detailed questions linked under the following headings:

- Process inputs
- Process control
- Process Support
- Facilities used
- Process effectiveness/efficiency
- Process outputs

This methodology matches the Automotive Process Approach underpinning ISO/TS 16949 and incorporates the “Turtle Diagram” technique of analysing a process.

Section P7 – *Customer Service/Satisfaction* includes reference to developing a management system to meet customer requirements, providing customer support and managing a process to handle product deviations.

Scoring and Evaluation

Sections P2-P7 contain 60 detailed questions, with minimum requirements for compliance defined.

Each question is scored by an auditor based on the following criteria:

| Points | Assessment of compliance with individual requirements |
|--------|--|
| 10 | Full compliance with requirements |
| 8 | Requirements mainly* satisfied; minor deviations |
| 6 | Requirements partially satisfied; significant deviations |
| 4 | Requirements inadequately satisfied; major deviations |
| 0 | Requirements not satisfied |

More than two thirds of the questions in each section (P2 to P7) have to be answered for a valid score.

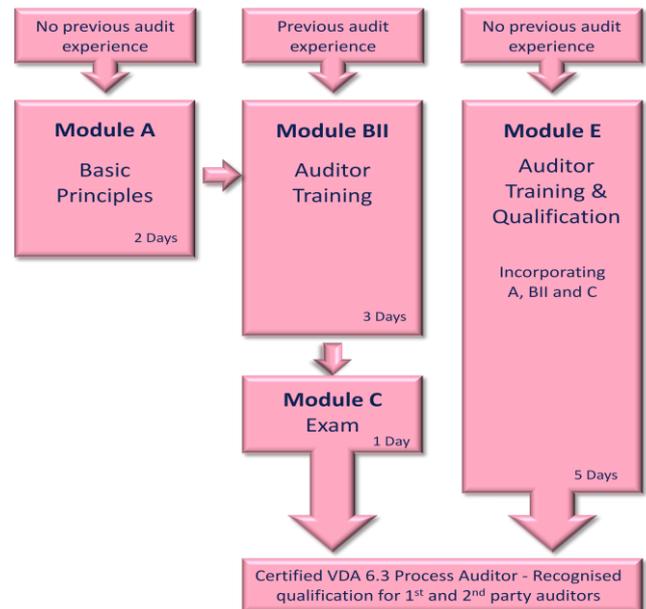
When the results are analysed in an Excel based scoring tool, developed by VDA QMC, a specific audit classification rating is calculated:

- **Classification A** is a score of more than 90% giving a “quality capable rating”
- **Classification B** is a score of between 80 – 90% giving a “conditional quality capable rating”.
- **Classification C** is a score of less than 80% giving a “not quality capable rating”

However there are also specific rules on downgrading. For example, questions with a high risk with a score of 4 (marked in VDA 6.3 with *) would result in a downgrade from A to B or B to C depending on the overall score.

Course Structure

The following courses are available. Course content and details can be found in the following section.



Course Content & Booking

Module A – Basic Principles (2 days)

The module gives an overview of the requirements of VDA 6.3 Process Audit and the methodology of process based auditing.

At the end of the module delegates will understand the structure, content and scoring evaluation system of VDA 6.3 and be able to understand how the requirements apply to processes in their organisations.

The course gives the entry qualification for delegates that wish to progress to Module BII and become competent to undertake audits to VDA 6.3.

For further information or to book a place on an open course click [here](#) or paste the following link into your browser

http://www.industryforum.co.uk/activities/training_courses/details.asp?id=172

Module BII – VDA 6.3 Process Auditor Training (3 days)

The module gives a detailed understanding of the application of VDA 6.3 requirements. This covers the entire product realisation process, including Project Management, Product/Process Design/Development, Supplier Management, Process Analysis/Production and Customer Service/Satisfaction.

At the end of the module delegates will understand the structure, content and scoring evaluation system of VDA 6.3 and be able to undertake effective process based audits within their organisation.

The module is a prerequisite for delegates that wish to attend the *Module C- Examination Day for Certified Process Auditors*, a qualification required to undertake second party audits to VDA 6.3.

For further information or to book a place on an open course click [here](#) or paste the following link into your browser

http://www.industryforum.co.uk/activities/training_courses/details.asp?id=173

Module C – VDA 6.3 Examination day for Certified Process Auditors (1 day)

The module is the examination to become a certified VDA 6.3 process auditor. Successfully completing the knowledge and application exam gives a recognised qualification from VDA QMC to undertake internal and second party audits.

For further information or to book a place on an open course click [here](#) or paste the following link into your browser

http://www.industryforum.co.uk/activities/training_courses/details.asp?id=174

Module E – VDA 6.3 Process Auditor Training and Qualification: 5 days

Note: This module incorporates modules A, BII and C

The module gives a detailed understanding of the application of VDA 6.3 requirements. This covers the entire product realisation process, including Project Management, Product/Process Design/Development, Supplier Management, Process Analysis/Production and Customer Service/Satisfaction.

At the end of the module delegates will understand the structure, content and scoring evaluation system of VDA 6.3, and be able to undertake effective process based audits within their organisation, or at an existing/potential supplier.

The course includes the examination to become a certified VDA 6.3 process auditor. Successfully completing the knowledge and application exam gives a recognised qualification from VDA QMC to undertake internal and second party audits.

For further information or to book a place on an open course click [here](#) or paste the following link into your browser

http://www.industryforum.co.uk/activities/training_courses/details.asp?id=175

Contact us

SMMT is the only organisation in the UK licensed by VDA to deliver VDA 6.3 training

For more details on our full range of Management System training courses including ISO/TS 16949 and associated Core Tools click [here](#) or paste the following link into your browser

http://www.industryforum.co.uk/services/global_standards/

Alternatively, if you would like to discuss your training needs in more detail, please contact either Niall or Louise.

Booking and general enquiries:

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