

GERMAN AUTOMOTIVE BUSINESS CORPORATION

VDA 6.3 News



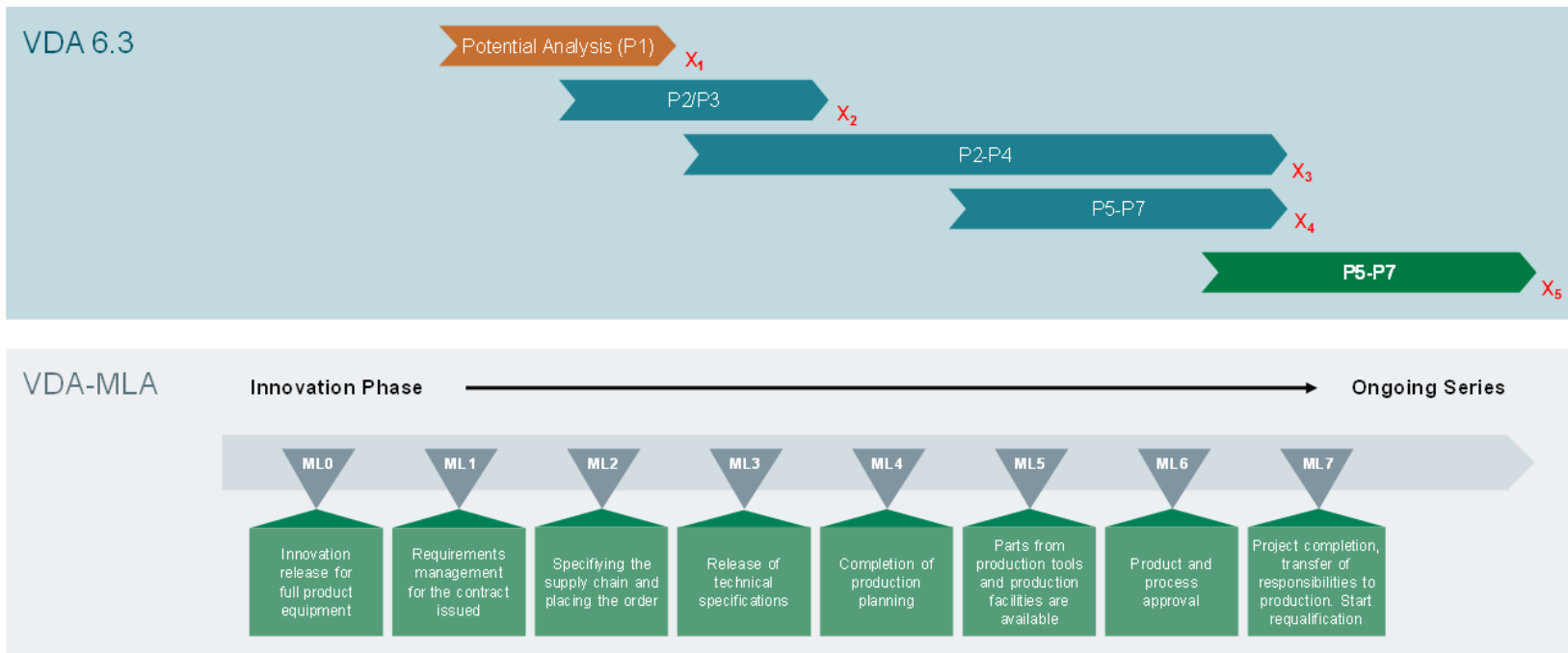
Trigger for revision of the VDA 6.3 Process Auditor Handbook

The aim was to simplify evaluation of the questionnaire with new requirements and limit the focus to process specific content.

Risk in supply chain and product life cycle processes can be specifically analyzed.

Improve consistent to other VDA volumes like maturity level assurance etc.

Alignment of VDA 6.3 process elements and project phases.



Focused areas:

- Updates and alignment of the VDA 6.3 questions
- Requirements regarding Auditor Qualification
- Cancellation of the generic baseline
- New reporting
- Changes in the calculation of results
- Part Service totally revised

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2.1	Is a project management established with a project organisation?
2.2	Are all resources required for the project implementation planned and available and are changes reported?
2.3	Is there a project plan and has this been agreed with the customer?
2.4	Is the advanced product quality planning implemented within the project and monitored for compliance?
2.5*	Are the procurement activities of the project implemented and monitored for compliance?
2.6*	Is change management within the project ensured by the project organisation?
2.7	Is there an escalation process established and is this effectively implemented?

No. Questions Version 2010	No. Question Version 2016
60	58
19 *	18 *

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Internal process auditors - Specialised knowledge

- Good knowledge of quality tools and methods (e.g. VDA-MLA, DoE, FMEA, FTA, PPA, SPC, SWOT, 8D Method)
- Knowledge of the relevant customer specific requirements
- Knowledge of the relevant management system requirements (e.g. ISO/TS 16949 and respectively IATF 16949, DIN EN ISO 9001, VDA 6.1)
- Specific knowledge regarding the product and process

Evidence of specialised training

- Successful participation in a VDA 6.3 training (pass mark in the knowledge test/certificate of qualification)

Professional experience

A minimum of **3 years professional experience** (after 2 years' professional experience in-house apprenticeship periods may be considered additionally), preferably in manufacturing companies within the automobile industry, including at least one year experience in quality management.

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Supplier auditor - Specialised knowledge

- Excellent knowledge of quality tools and methods
- Auditor qualifications (negotiation, conflict management, audit procedure)
- Knowledge of the relevant customer specific requirements
- Knowledge of the relevant management system requirements
- Specific knowledge regarding the product and process

Evidence of specialised training

- Auditor qualification as EN ISO 19011 (e.g. VDA6.3 – basic qualification, first/second party auditor for DIN EN ISO 9001, ISO/TS 16949 and respectively IATF 16949, or VDA 6.1)
- Successful participation in a VDA 6.3 training

Professional experience

A minimum of **5 years professional experience** (after 3 years' professional experience in-house apprenticeship periods may be considered additionally), preferably in manufacturing companies within the automobile industry, including at least one year experience in quality management.

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Process auditing as an external service provider

External auditors are from independent, third party organisations and carry out audits as a service for the organisation.

Specialised knowledge

- Excellent knowledge of quality tools and methods
- Auditor qualifications (negotiation, conflict management, audit procedure)
- Knowledge of the relevant customer specific requirements
- Knowledge of the relevant management system requirements
- Specific knowledge of the product and process

Evidence of specialised training

- Qualification as an auditor on the basis of EN ISO 19011 (e.g. VDA-6.3-Basic auditor qualification, 1st/2nd party auditor for DIN EN ISO 9001, ISO/TS 16949 and respectively IATF 16949, or VDA 6.1)
- Examination pass mark with **certificate and auditor card** as part of a VDA 6.3 training course

Professional experience

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Generic Baseline cancelled

Reasons for downgrading from A to B even though the level of compliance is E_G or $E_{G(P_n)} \geq 90\%$

- At least one process element (P2 to P7) or process step (E_1 to E_n) is evaluated with a level of compliance E_P or $E_n < 80\%$.
- A level of compliance E_{U_1} to E_{U_7} in one of the sub-elements of P6 is $< 80\%$.
- At least one *-Question is rated with 4 points.
- At least one question from the process audit is rated with 0 points.

Reasons for the downgrading to C even though the level of compliance is $E_G \geq 80\%$ or $E_{G(P_n)} \geq 80\%$

- At least one process element (P2 to P7) or process step (E_1 bis E_n) is evaluated with a level of compliance E_P or $E_n < 70\%$.
- At least one *-Question is rated with 0 points.

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Audit report VDA 6.3 Evaluation of quality capability																																																																			
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Process elements for material products	
Project management (P2)	E _{P2}
Planning the product and process development (P3)	E _{P3}
Implementation of the product and process development (P4)	E _{P4}
Supplier management (P5)	E _{P5}
Process analysis/production (P6)	E _{P6}
Customer care, customer satisfaction, service (P7)	E _{P7}

The overall compliance E_G for the process audit is calculated as follows:

$$E_G [\%] = \frac{\text{Total points from all evaluated questions from } E_{P2}, E_{P3}, E_{P4}, E_{P5}, E_{P6} \text{ and } E_{P7}}{\text{Total of all possible points from these questions}}$$

Process element

The compliance E_{P_n} of a process element (P2, P3, ..., P7) is calculated as:

$$E_{P_n} [\%] = \frac{\text{Total points awarded for the relevant questions}}{\text{Total possible points for the relevant questions}}$$

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Process elements for services	
Project management (D2)	E _{D2}
Planning the service development (D3)	E _{D3}
Implementation of the service (D4)	E _{D4}
Procurement management (D5)	E _{D5}
Providing the service (D6)	E _{D6}
Customer care, customer satisfaction, service (D7)	E _{D7}

New

Terms and definiton

Term	Definition	Notes/ References
5 Whys "Five times why"	Method used to determine the root cause of a problem by repeating the question why. Each question forms the basis for the next question. With 5 Whys the questions go to the fifth level to get to the root of the problem.	
8D Eight Disciplines Problem Solving	In the case of a complaint, the 8D method is the standardised method to be used from VDA Volume 4. The error response between the supplier and the customer is guided by 8D. 8D stands for the eight disciplines (process steps), to be carried out during the processing of a complaint to recognize the underlying problem and to avoiding repetition.	VDA Volume "Definition of Failure Cause Categories for 8D Reporting V1.0"

-THANK YOU-

