allanta
QUALITY WITH IMPACT

AUTOMOTIVE TRAINING GUIDE

INDUSTRY & SERVICES

AUTOMOTIVE

MEDICAL DEVICES

FOOD

allanta
QUALITY WITH IMPACT
License Partner for
Belgium & The Netherlands

VDA QMC
German Association of the Automotive Industry
Quality Management Center

Address
Hendrik van Veldekesingel 150, box 58
B-3500 Hasselt

E-mail and telephone
Call us: +32 (0)11 870 944
Or send us an e-mail: info@allanta.be

www.allanta.be

VAT: BE0424.291.163

version 01/2022

ABOUT US

Allanta offers high quality training taught by trainers with years of practical experience. The trainings are tailored to the learning goals of the organization and the individual needs of the participant. The practice-oriented and interactive working methods ensure that the learning results are achieved.

We believe learning from each other in classroom and online training under the guidance of an experienced coach is an added value. Combined with coaching on the work floor, we can offer a learning process that converts the training into practical usability.

Allanta is license partner of VDA QMC for Belgium and The Netherlands

Since 1 January 2020 Allanta has been the official license partner of VDA QMC for Belgium and the Netherlands. The VDA QMC training center offers expertise in all quality areas of the automotive industry. Their focus is on the total transfer of quality knowledge directly to the user. Allanta and its trainers are accredited for the VDA QMC training programs.

Quality is not an act, it is a habit

In addition to training, you can also contact us for various solutions to professionalize the internal operations of your organization:

- Coaching
- Audits: system, process, product or supplier audits
- Implementation of management systems and quality methods

ABOUT US

Training grants
Allanta is a recognized service provider for the SME portfolio, the subsidy measure of VLAIO.
Our approval number under which applications must be made is DV.O105117.

Small enterprise
For a small enterprise a support percentage of 30% is applied up to a maximum of € 7,500 support on an annual basis.

Medium-sized enterprise
For a medium-sized enterprise, a support percentage of 20% is applied up to a maximum of € 7,500 on an annual basis.

Membership
As a member of the Allanta collective, our members enjoy a number of benefits:

- A preferential rate for you and all your colleagues when participating in training courses, workshops and study days organized by Allanta.
- Free participation in a selection of information sessions organized by Allanta
- A loyalty premium: 25% discount on Allanta membership from the second year

YOUR CONTACT

Training coordinator
Tonnie Jacobs

+32 (0)11 870 944 I tonnie.jacobs@allanta.be

- Open calendar trainings
- In-company trainings
- Live Online Training

CLASS ROOM TRAINING

Open Calendar
In-company training

LIVE ONLINE TRAINING

Open Calendar
In-company training

LET'S CREATE IMPACT TOGETHER THROUGH QUALITY IMPROVEMENTS FOR PEOPLE, SYSTEMS AND PROCESSES

Choose your own learning track with our extensive range of solutions.
No company is the same, that is why you will find at Allanta a range of customizable solutions for both SMEs and multinationals with integrated services in terms of training, support and audits. Our expertise focuses on Quality Management Systems, process optimisation, continuous improvement and sustainability.

SUPPORT

Gap analysis & Implementation

AUDITS

Internal • Suppliers • Process • Product

AUTOMOTIVE TRAINING GUIDE

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IATF 16949:2016

The automotive supply chain demands to implement an uniform quality system. Previously, the organizational requirements for such a QMS were written down in the QS9000 and the ISO/TS 16949 standard, drawn up by the International Automotive Task Force (IATF).
In 2016 that standard was replaced by IATF 16949. The IATF 16949:2016 standard has supplementary requirements to the internationally recognized ISO 9001:2015 standard.

Just as with ISO 9001, the general objective of IATF 16949 is to support organizations in process - and also risk based thinking, which benefits the quality and efficiency of business operations. Of course, IATF 16949 will also contribute to the continuous improvement of the organization itself.

Mandatory for suppliers in the Automotive Industry

The automotive industry requires suppliers to have their quality system certified in accordance with industry requirements.
We will help you to understand and implement this requirements in the most effective way.

IATF 16949:2016 - AWARENESS TRAINING

Background and Topics

IATF 16949 defines the quality management system requirements for the design and development, production and, when relevant, assembly, installation, and services of automotive-related products. This standard should be applied throughout the automotive supply chain.

For organizations, working in the automotive industry, it is important to be aware of the basic requirements of the IATF 16949 to determine the added value for the organization's tasks and responsibilities.

Target Audience

This one-day training introduces the team to the fundamentals of the IATF 16949:2016 standard. Ideal for organizational members who only need to know the basics of the standard. Depending on the role of the team members in the organization, the focus of the training can vary.

Objectives

Participants will obtain basic knowledge of this quality standard and understand the relationship between the ISO 9001 standard, the IATF 16949:2016 standard and the automotive core tools.

Concept and Methods

In one day participants will learn about the content of the IATF 16949 through practical examples.

- What are extra requirements for a quality management system in the automotive industry?
- What is process approach & risk based thinking in the automotive business?
- Quick dive into all relevant chapters of the IATF 16949 standard

Prerequisites for Attendance

No prior knowledge required

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE

Program will be tailored to the organization.
Price according to quotation.

- **One-day training, tailored to your organization**
- **More information visit www.allanta.be/diensten/opleiding**

YOUR IDEAL LEARNING JOURNEY FOR IATF 16949:2016

IATF 16949:2016 standard
3 day training

Prerequisites

Participants should have well-founded knowledge of the structure and the requirements of ISO 9001:2015, as we will only focus on the additional IATF 16949:2016 requirements.

If one does not have that knowledge, we recommend the ISO 9001:2015 training.

Solution

ISO 9001:2015 training
(2 days)

IATF 16949:2016
1st & 2nd party auditor according to ISO 19011:2018
2 day training

Prerequisites

Participants should have well-founded knowledge of IATF 16949:2016 and ISO 19011:2018.

Evidence
Training certificate of IATF 16949:2016 course (at least two days or 16 hours) + training certificate ISO 19011:2018 (at least one day or 8 hours).

If one does not have that knowledge, we recommend the IATF 16949:2016 training (3 day training) and/or the ISO 19011:2018 training (1 day training), depending on the missing knowledge.

Recommendations
(Basic) knowledge of the automotive core tools.
If one does not have this knowledge, we recommend the following trainings:

1. Automotive core tools awareness training (2 days, only in-company)
2. Automotive Core Tools Expert training (8 days)
3. Separate automotive core tools APQP-PPAP (2 days), MLA-PPA (2 days), FMEA Refresher (1 day), FMEA basic training (2 days), MSA (2 days), SPC (2 days).

Solution

IATF 16949:2016 standard training
(3 days)
+
ISO 19011:2018 training
(1 day)

IATF 16949:2016 - STANDARD I QMS

Background and Topics

Allanta offers all parties involved in the automotive supply chain the opportunity to become acquainted with the content and implications of IATF 16949. This course will help you identify key requirements and the structure of an effective Automotive QMS and what this means for you.

Target Audience

Anyone involved in the planning, implementing, maintaining, supervising or auditing of an IATF 16949:2016 management system.

Objectives

Participants will obtain knowledge of the key terms, definitions and requirements of IATF 16949:2016 and lear how the standard can help your organization to get more in line with automotive customer needs.

After this training you will:

- Know the different quality principles and concepts on which the IATF 16949:2016 standard is based.
- Have more insight into the HS (Harmonized Structure)
- Understand the IATF 16949:2016 - requirements in relation to the ISO 9001:2015.
- Have (more) knowledge of the additional automotive customer requirements.
- Be able to position the different aspects of the standard in your own organization.
- Be able to apply the IATF 16949:2016 requirements to the quality system within your organization.
- Understand how the automotive core tools can help you apply the IATF 16949:2016 within your organization.

Concept and Methods

During three days participants will learn about the content of the IATF 16949 through practical examples. You will know how to interpret the standard and apply it correctly.

- IATF 16949:2016 HS-structure
- ISO 9001:2015 requirements (basic)
- Additional requirements IATF 16949:2016
- Overview and coherence of the various core tools: APQP, PPAP, FMEA, MSA, SPC.

During this Masterclass participants will work out cases where they will have several moments to align with the coach and the other participants.

Prerequisites for Attendance

This three-day master class continues on the principles and ways of thinking of the ISO 9001 quality management standard.

Participants should have well-founded knowledge of the structure and the requirements of ISO 9001:2015, as we will only focus on the additional IATF 16949:2016 requirements.

If one does not have that knowledge, we recommend the ISO 9001:2015 training.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE

Members: €1498 / Non-members: €1733
(21% VAT excluded)

Tree-day Training

More information on dates, venues and how to register
visit www.allanta.be/diensten/opleiding

ISO 19011:2018 - GUIDELINES FOR AUDITING MANAGEMENT SYSTEMS

Background and Topics

ISO 19011:2018 is the required guideline in the area of internal auditing of management system standards such as ISO 9001:2015 or sector-specific standards as IATF 16949:2016 for automotive. Internal audits and supplier audits must be approached in a process and risk-based way.
In this one-day training, you will learn how to approach audits in such a pragmatic/practical way so this quality measurement will create added value for the management system in general and for the individual processes in particular.

Target Audience

Anyone within an organization who is looking for the correct approach to carrying out 1st or 2nd party audits.

Objectives

Discover how to perform audits in a process and risk-based manner according to the rules of art and with added value.

- Learn the general audit principles
- Understanding the advantages and disadvantages of different types of audits
- Understanding a risk based audit program
- Learn how to prepare a process and risk based audit
- Understanding the importance of asking the right questions in order to get more added value from an audit
- Learn how to prepare an audit report according to the rules of art, in a clear and structured manner
- Better understanding in how to motivate process managers in order to take specific actions

Concept and Methods

During this interactive training, the coach alternates strongly between theory, practical tips & tricks, group discussions and practicing the methodologies with exercises.

- General principles of internal audits
- Types of audits:
  The advantages and disadvantages
- Audit program:
  What should an audit planning look like?
  Reflection on different approaches
- Competences of internal auditors:
  Hard and soft skills that are important are discussed in group
- Audit preparation:
  Practice the drawing up an audit plan
- Conducting audit interviews:
  How to ask the right questions in a playful way?
- The do's and don'ts by means of a video
- Reporting audit findings in a clear and structured way
- Measures for improvement:
  How to do it: tips & tricks

Prerequisites for extension

No prerequisites required.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: €450 / Non-members: €518
(21% VAT excluded)

One-day Training

More information on dates, venues and how to register
visit www.allanta.be/diensten/opleiding

IATF 16949:2016 - 1ST & 2ND PARTY AUDITOR IN RELATION TO ISO 19011:2018

Background and Topics

This two-day IATF 16949:2016 First and Second Party Auditor Training is the ideal way to gather all the information and skills to conduct internal audits and supplier audits. With company audits, you will make structural improvements in the quality system and improve the efficiency and quality of your business operations.

Target Audience

Anyone involved in the auditing of an IATF 16949:2016 management system, or in maintaining, supervising or managing the IATF 16949:2016 audit program.

Objectives

After attending this training you will:

- Understand the principles of internal audits
- Know how to test the process within your organization against the requirements in the IATF16949:2016
- Use your knowledge and skills based on ISO 19011:2018 for audits in the automotive industry
- Be able to plan, prepare and perform internal audits
- Be able to write audit reports in line with IATF 16949:2016 - requirements and make suggestions to verify the effectiveness of corrective actions

Concept and Methods

- Introduction Auditor Training & IATF 16949:2016
- Process approach: input, process, output, resources and performance indicators
- Refresh basic requirements from IATF 16949:2016
- Link of ISO 19011:2018 to auditing in the automotive industry
- Introduction of internal audits
- Internal audit activities
- Prepare and perform an internal audit
- Report audit findings
- Follow up of corrective actions on findings from internal audits
- Automotive requirements for auditors competences
- Guidelines of auditing with internal audit exercises

Prerequisites for Attendance

Participants should have well-founded knowledge of IATF 16949:2016 and ISO 19011:2018.

Evidence

Training certificate of IATF 16949:2016 course (at least two days or 16 hours) + training certificate ISO 19011:2018 (at least one day or 8 hours). If one does not have that knowledge, we recommend the IATF 16949:2016 training (3 day training) and/or the ISO 19011:2018 training (1 day training), depending on the missing knowledge.

Recommendations

(Basic) knowledge of the automotive core tools. If one does not have this knowledge, we recommend the following trainings:

1. Automotive core tools awareness training (2 days, only in-company)
2. Automotive Core Tools Expert training (8 days)
3. Separate automotive core tools APQP-PPAP (2 days), MLA-PPA (2 days), FMEA Refresher (1 day), FMEA basic training (2 days), MSA (2 days), SPC (2 days).

Certificate of Qualification

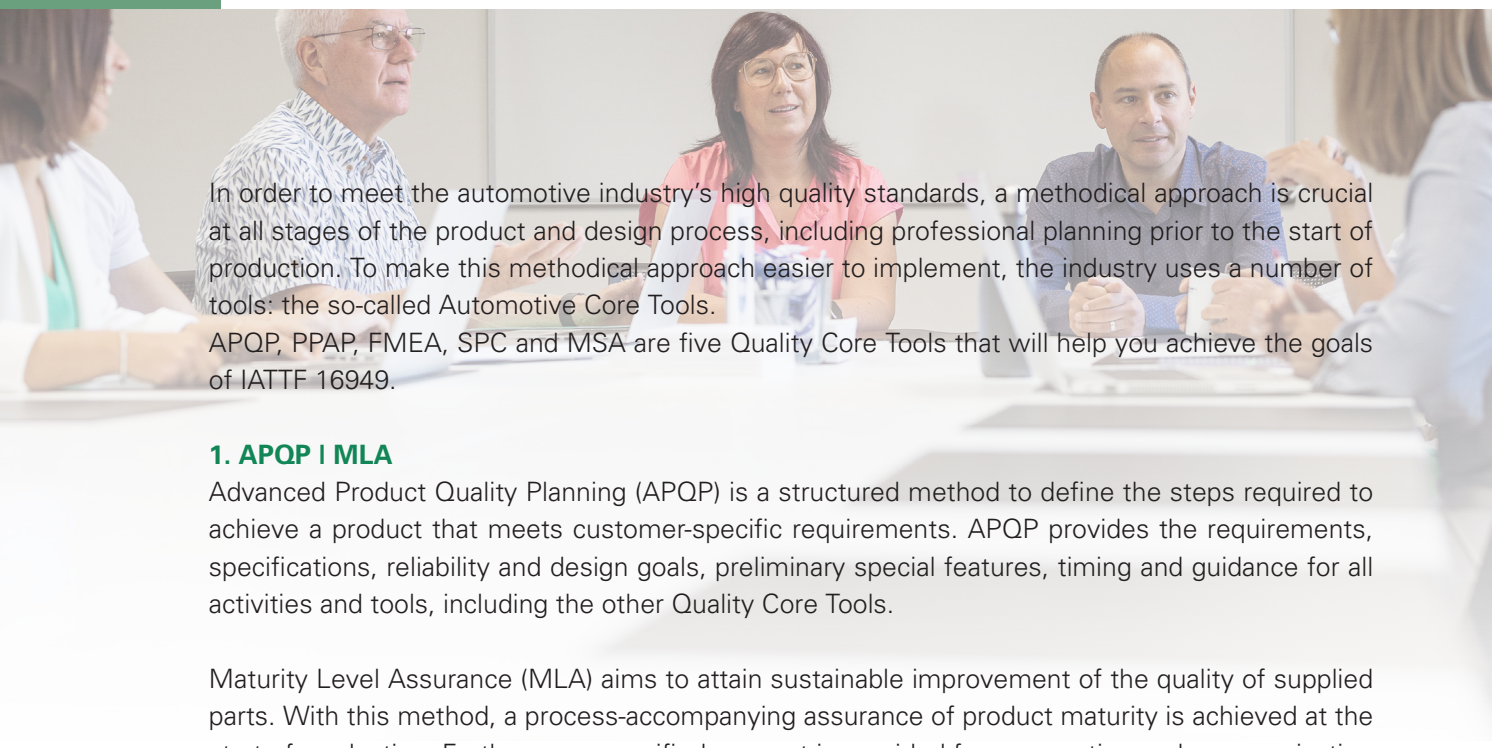
Participants will receive an Allanta certificate of attendance.

PRICE
Members: €890 / Non-members: €1024
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

AUTOMOTIVE CORE TOOLS



In order to meet the automotive industry's high quality standards, a methodical approach is crucial at all stages of the product and design process, including professional planning prior to the start of production. To make this methodical approach easier to implement, the industry uses a number of tools: the so-called Automotive Core Tools.
APQP, PPAP, FMEA, SPC and MSA are five Quality Core Tools that will help you achieve the goals of IATTF 16949.

1. APQP I MLA

Advanced Product Quality Planning (APQP) is a structured method to define the steps required to achieve a product that meets customer-specific requirements. APQP provides the requirements, specifications, reliability and design goals, preliminary special features, timing and guidance for all activities and tools, including the other Quality Core Tools.

Maturity Level Assurance (MLA) aims to attain sustainable improvement of the quality of supplied parts. With this method, a process-accompanying assurance of product maturity is achieved at the start of production. Furthermore, a unified concept is provided for cooperation and communication in complex product engineering projects involving many participants in the supply chain.
APQP is the USA AIAG tool and MLA is the similar counterpart of the German VDA.

2. PPAP I PPA

With a correct Production Part Approval Process (PPAP), as a supplier you show your customers that all special characteristics of your product are at an acceptable level of stability and capability (Cpk) and that your product meets customer-specific requirements.

VDA Volume 2 /PPA "Quality Assurance for Supplies" describes the basic requirements for sampling of serial parts submission for automotive serial parts. As an integral part of quality planning, the standard regulates the correct submission of all relevant documents and parts to the customer. This ensures that the customer's expectations are understood and implemented by the supplier, so that the product can be manufactured to maximum customer satisfaction. PPAP is the USA AIAG tool and PPA is the similar counterpart of the German VDA.

3 AIAG VDA FMEA

Failure Mode and Affects Analysis is an indispensable tool in the analysis of possible ways in which (a change in) a process can fail. FMEA also investigates the consequences of a possible failure.

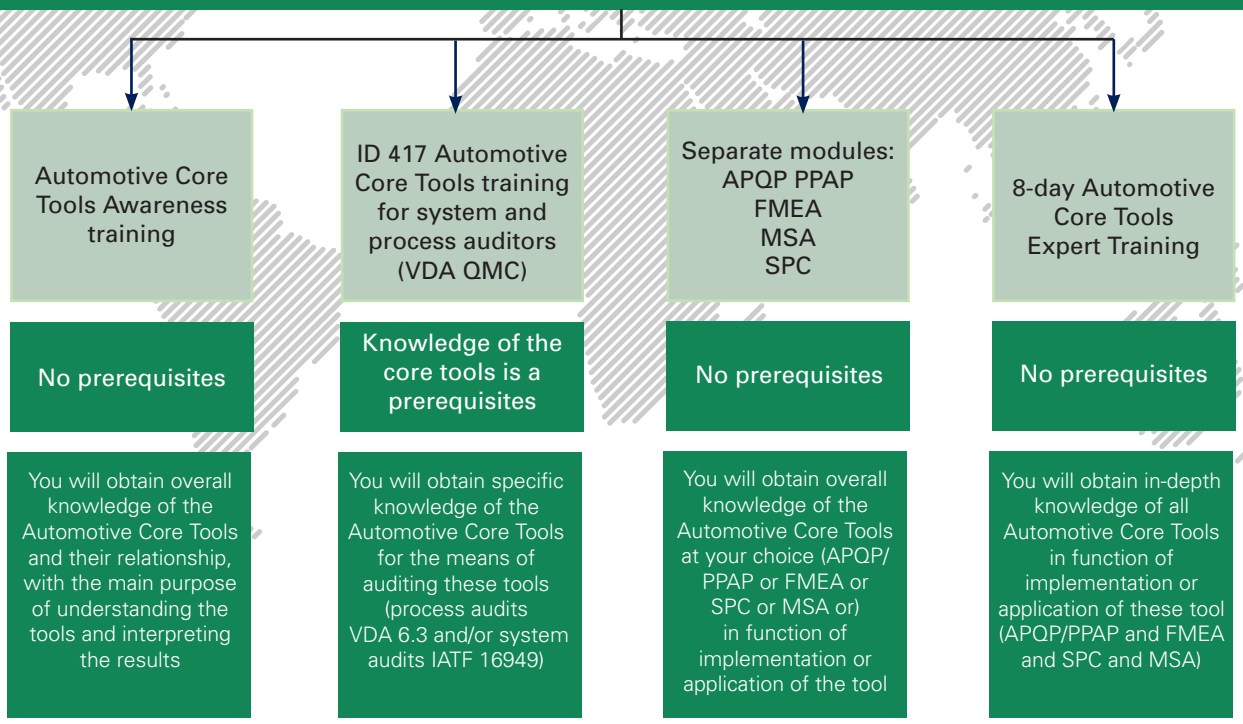
4. SPC

Statistical process control (SPC) is a proven technique to register the course of a process and to display the stability and capability of a process.

5. MSA I VDA5

Measurement System Analysis (MSA) is used to assess the statistical properties of process measurement systems and to measure the performance of a business process flawlessly. As a result, MSA has been included as a requirement in the IATF 16949 and ISO 17025 standards for some time.

WHICH AUTOMOTIVE CORE TOOLS TRAINING SUITS YOU BEST?



AUTOMOTIVE CORE TOOLS AWARENESS TRAINING

Background and Topics

The Automotive Core Tools are five complementary techniques or methods that support the requirements of IATF 16949. They are established to ensure professional planning before the start of series production and problem-free delivery to customers in the automotive industry. Their application is essential in the product development process.

Target Audience

This two-day training introduces the team to the fundamentals of the five quality techniques. Ideal for organizational members who only need to know the basics of the core tools.

Objectives

- Participants will obtain basic knowledge of the Automotive Core Tools and their relationship with the main purpose of understanding the tools and interpreting the results.
- Understand the relationship between the automotive core tools and the IATF 16949:2016 standard.
- Knowledge of planning processes and tools
- Understanding links between APQP, PPAP, FMEA, SPC and MSA
- Know-how of the individual phases of automotive projects are designed in terms of content
- How to use the methods correctly and efficiently to achieve the planned results

Concept and Methods

- Overview Core Tools APQP, PPAP, FMEA, SPC, MSA and 8D.
- Quick dive into each core tool: definition, scope, application and documentation.

Prerequisites for Attendance

Basic knowledge of IATF 16949:2016 quality management and planning is required.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Program will be tailored to the organization.
Price according to quotation.

- **Two-day training, tailored to your organization**
- **More information visit www.allanta.be/diensten/opleiding**

AUTOMOTIVE CORE TOOLS EXPERT TRAINING

Background and Topics

The Automotive Core Tools are five complementary techniques or methods that support the requirements of IATF 16949. They are established to ensure professional planning before the start of series production and problem-free delivery to customers in the automotive industry. Their application is essential in the product development process.

The Automotive Core Tools include Advanced Product Quality Planning (APQP), Failure Mode and Effects Analysis (FMEA), Measurement System Analysis (MSA), Production Part Approval Process (PPAP), Statistical Process Control (SPC). They are proven and required methods for quality planning and control. The use of these quality methods supports employees in securing and improving processes and procedures and forms the basis for an effective quality management system in accordance with the requirements of the automotive industry.

The Automotive Core Tools are regarded as the most important quality management methods used in the automotive industry and aim to ensure high process and product quality along the entire supply chain by avoiding risks, regulating processes and solving problems.

Target Audience

This training is intended for all members of project teams working in the field of product and process design and development. The main focus is on professionals involved in planning, pre-production, test and inspection planning and quality management, as well as production personnel.

Objectives

- Knowledge of planning processes and tools
- Understanding links between APQP, PPAP, FMEA, SPC and MSA
- Know-how of the individual phases of automotive projects are designed in terms of content
- How to use the methods correctly and efficiently to achieve the planned results
- In-depth knowledge in each Automotive Core Tool

Concept and Methods

Deep dive in every aspect of the Core Tools APQP, PPAP, FMEA, SPC and MSA.

You can read a detailed program in the following product sheets.

Prerequisites for Attendance

Basic knowledge of IATF 16949:2016 quality management and planning is required.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: €2430 / Non-members: €2795
(21% VAT excluded)

Eight-day Training

More information on dates, venues and how to register
visit www.allanta.be/diensten/opleiding

APQP/MLA AND PPAP/PPA

Background and Topics

APQP is a structured approach to product and process design. This framework is a standardized set of quality requirements that enable suppliers to design a product that satisfies the customer.
MLA is the German counterpart for optimizing the processes in the supply chain by harmonizing contents and controlled responsibilities.
Before a supplier in the automotive industry can start with series deliveries, the product and the production process must be released by the customer. The two most common release procedures are PPAP (AIAG) and PPA (VDA 2).
During this two-day training the automotive expert explains project management (APQP end MLA) and the release process (PPAP / PPA) according to AIAG and VDA 2.

Target Audience

This training is intended for all persons who are confronted with PPAP or PPA in their work environment.

Objectives

- To put in relation customer specific requirements with regard to product and process preparation and release.
- Organize an APQP process according to the standard accepted within the automotiv domain and leading to a release of the product and process that meets the automotive requirements.
- Putting into relation customer specific requirements with regard to product and process release.
- Know the procedure for the release of products and the production processes within the framework of organizational responsibility.
- To plan the PPAP / PPA process and link them to the APQP / MLA process.

Concept and Methods

During this practical workshop you will learn:

- The different phases during project management / APQP
- Which APQP elements are decisive for a successful development trajectory (100% APQP already guarantees 85% PPAP)
- The required inputs and outputs per phase
  - o An explanation is given of the PPA(P) elements and the possible submission levels.
  - o Introduction: What? Why?
  - o Scope: when is a release PPAP / PPA required
  - o Planning and coordination of the PPAP / PPA process
  - o The possible submission levels
  - o The required documents and registrations according to AIAG and VDA 2
  - o The required archiving period
  - o Compare/differentiate the release process according to PPAP and VDA 2
  - o Practical example: discuss/treatment of a VDA 2 file

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

Automotive Core Tools Expert Training

This course is also part of the eight-day Automotive Core Tools Expert Training.

PRICE
Members: €890 / Non-members: €1024
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

MLA/RGA - MATURITY LEVEL ASSURANCE FOR NEW PARTS (ID 602)

VDA QMC

Background and Topics

The implementation of the VDA standard of Maturity Level Assurance for New Parts aims to attain sustainable improvement of the quality of supplied parts. With this method, a process accompanying assurance of product maturity is achieved at the start of production: projects are segmented, assessed early on and corrected.

Furthermore, a unified concept is provided for cooperation and communication in complex product engineering projects involving many participants in the supply chain.

In the training, you will acquire the necessary knowledge and competencies to implement the standard in the automotive and supplier industry.

Target Audience

QA personnel, product managers, project managers in product development, product planners, managers and spokespersons of cross-functional and cross-organizational development teams, persons responsible for components, the suppliers' customer team and project leaders, key account managers.

Objectives

You will be familiar with the maturity level method (assessment, content, control and reporting system) as required in the product engineering process.

You will know the importance of the initial situation and history.

You will be familiar with the methods and fundamentals of maturity level assurance.
You will be able to apply the measurement criteria.

You will be familiar with typical conflicts of interest and how to deal with them.

Concept and Methods

The training alternates between technical presentations and group work. Group work supports the transfer of what has been learned into your own working practice. Special emphasis is placed on opportunities to exchange experiences.
Supplementary Material: VDA Volume Maturity Level Assurance for New Parts.

Certificate of Qualification

Participants will receive an Allanta certificate, after passing the knowledge test.
(see VDA2 I PPA)

PRICE
Members: €1047/ Non-members: €1047
(21% VAT excluded)

- **Two-day Training**
- **More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding**

VDA QMC

VDA 2/PPA - PRODUCTION PROCESS AND PRODUCT APPROVAL (ID 410)

Background and Topics

VDA Volume 2 "Quality Assurance for Supplies" describes the basic requirements for sampling of serial parts submission for automotive serial parts. As an integral part of quality planning, the standard regulates the correct submission of all relevant documents and parts to the customer. This ensures that the customer's expectations are understood and implemented by the supplier, so that the product can be manufactured to maximum customer satisfaction.

This training acquaints the participants with this VDA standard as a method for application.

Target Audience

This training is for quality managers, quality engineers, personnel from purchasing, design and development, logistics or production who are concerned with quality-relevant tasks as well as all interested employees in the automotive industry.

Objectives

You will be familiar with the procedure for the release of products and their associated production processes within the scope of organizational responsibility.

You will be able to plan and coordinate the PPA process and integrate it into the product engineering process.

You will be familiar with the triggers for a PPA process as well as the evidence for internal and external release.

You will be able to apply the PPA standard correctly.

You will be able to apply the PPA process for software as a product and/or as part of the product.

Concept and Methods

The training alternates between technical presentations and application examples, which support the transfer of what has been learned into your own working practice. The use of the standard templates for the PPA process will be explained and practiced.
Supplementary Material: VDA Volume 2.

Prerequisites for Attendance

Knowledge of quality management systems and product engineering processes.

Recommended:

- Knowledge of the requirements of IATF 16949
- Expert knowledge of the contents of other VDA volumes, in particular the VDA volume Maturity Level Assurance for New Parts.

Certificate of Qualification

After passing the knowledge test (multiple-choice test), you will receive a VDA QMC certificate of qualification.

PRICE
Members: €1576,75 / Non-members: €1576,5 (21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

YOUR IDEAL LEARNING JOURNEY FOR FMEA

TRAINING

AIAG & VDA FMEA
Refresher Workshop harmonised FMEA
(VDA QMC ID 441)

Prerequisites
Participants should have well-founded knowledge of FMEA, as the workshop builds upon this knowledge and does not cover the basics.

AIAG & VDA FMEA
Basic training harmonised FMEA

(VDA QMC ID 442)

No Prerequisites

FMEA-MSR and FMEDA

Failure prevention (E/E) systems design

Prerequisites

Basic knowledge of the harmonized AIAG & VDA FMEA

Recommendation

Basic knowledge ISO 26262 (function safety for road vehicles)

APPLICATION

Design FMEA (dFMEA)
Implementation workshop

In-company Workshop

Prerequisites

Profound knowledge of the harmonized AIAG & VDA FMEA.
ID 441 or ID 442

Process FMEA (pFMEA)
Implementation workshop

In-company Workshop

No Prerequisites

Profound knowledge of the harmonized AIAG & VDA FMEA.
ID 441 or ID 442

IMPLEMENTATION

FMEA moderator

Allanta expert as the FMEA moderator to guide your multidisciplinary FMEA team

Prerequisites

Profound knowledge of FMEA and risk based thinking is required.

VALIDATION

Reverse FMEA

Allanta expert facilitating the Reverse FMEA process on your workfloor.

Prerequisites

Reverse FMEA can only be executed on fully completed and implemented FMEA's

VDA QMC

AIAG & VDA FMEA - REFRESHER WORKSHOP (ID 441)

Background and Topics
VDA QMC and AIAG, with the participation of SAE International, published a first joint FMEA standard in June of 2019. It serves to prevent defects and increase technical safety.
It reduces complexity in international quality management and sets a global standard.

In this workshop, you will learn about the innovations and changes involved in the harmonization process and receive tips on how to apply them.

Target Audience
Experienced users of this method: facilitators, developers, design engineers, process planners as well as personnel from product and process development, testing, logistics, manufacturing, inspection planning, maintenance and quality.

Objectives
You will update your knowledge of FMEA.
You will be familiar with the changes and innovations to FMEA in the training of harmonization.

You will know how to carry out the harmonized FMEA in a technically correct manner.

Concept and Methods
Blended learning design:
- Run-up: Online quiz to determine your level of knowledge.
- Classroom workshop incl. group work.
- Eight weeks after the attendance date: final webinar to exchange experiences and clarify open questions.
  Supplementary Material: AIAG & VDA FMEA Handbook.

Prerequisites for Attendance
Participants should have well-founded knowledge about FMEA, as the workshop builds upon this knowledge and does not cover the basics.

Certificate of Qualification
Participants will receive an Allanta certificate of attendance.

PRICE
Members: €840 / Non-members: €840
(21% VAT excluded)

One-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

FMEA - BASIC TRAINING HARMONIZED AIAG & VDA FMEA (ID 442)

VDA QMC

Background and Topics

Suppliers delivering their product to European and North American manufacturers (OEM) are obliged to evaluate the FMEA, based on the VDA and AIAG FMEA manuals. Occasionally, this has led to an increase in the complexity of product development and improvement for suppliers.

The basic training introduces you to the FMEA standard as published jointly by VDA QMC and AIAG in June 2019. It serves to prevent defects and increase technical safety.
In the training, you will acquire background knowledge and essential competencies for future use.

Target Audience

Newcomers and users of the methods from product and process development, testing, logistics, manufacturing, test planning, maintenance and quality.

Objectives

The objective of this workshop is to teach the basics of FMEA and to give practical tips for application.

You will apply the 7 steps in a technically correct manner.

You will be familiar with challenges in the field and know how to respond to them.

Concept and Methods

Blended learning design:

- Run-up: Online quiz to determine the level of experience.
- Classroom training with integrated individual tasks and group work.
- Eight weeks after the attendance date: final webinar to exchange experiences and clarify open questions.

Supplementary Material: AIAG & VDA FMEA Handbook.

Prerequisites for Attendance

There are no prerequisites for attending this VDA QMC training.

Certificate of Qualification

After passing the knowledge test (multiple-choice test), you will receive a VDA QMC certificate of qualification.

Automotive Core Tools Expert Training

This course is also part of the eight-day Automotive Core Tools Expert Training.

PRICE
Members: €1550/ Non-members: €1550
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

AIAG & VDA PROCESS FMEA - pFMEA - IMPLEMENTATION

Background and Topics

The harmonized AIAG VDA Process FMEA is perfectly suited for analyzing risks in (production) processes. pFMEA offers numerous advantages, including preventing product errors, drastically reducing development times and avoiding errors in the design of production processes, which greatly reduces the failure rate and quality costs.

Target Audience

This training is intended for participants who have obtained knowledge of FMEA in the ID 441 or ID 442 course and who want to apply this method together with the Allanta FMEA expert/moderator within their company, tailored to their production processes and systems.

Objectives

During this one-day workshop, experienced and new pFMEA users will apply the new 'step by step' approach, including the new combined approach to setting up, scoring and evaluating the risks. Under guidance of our FMEA moderator your FMEA team create an well-documented and up-to-date FMEA.

Concept and Methods

This one-day in-company workshop covers all elements of the AIAG VDA Process FMEA and control plan process and is a dynamic and practical workshop.

Prerequisites for Attendance

Profound knowledge of the harmonized AIAG & VDA FMEA (ID 441 or ID 442).

PRICE

Program will be tailored to the organization. Price according to quotation

- **One-day workshop, tailored to your organization**
- **More information visit www.allanta.be/diensten/opleiding**

AIAG & VDA DESIGN FMEA – dFMEA - IMPLEMENTATION

Background and Topics

Organizations are constantly improving their products. Design FMEA is a method that analyses possible failure modes of (a change in) a product. It also investigates the consequences of possible failure in order to take constructive or process measures in advance to prevent this possible failure.

Target Audience

This training is intended for participants who have obtained knowledge of FMEA in the ID 441 or ID 442 course and who want to apply this method together with the Allanta FMEA expert/moderator within their company, tailored to their production processes and systems.

Objectives

During this one-day workshop , experienced and new dFMEA users will apply the new 'step by step' approach, including the new combined approach to setting up, scoring and evaluating the risks. Under guidance of our FMEA moderator your FMEA team will create an well-documented and up-to-date FMEA.

Concept and Methods

This one-day in-company workshop covers all elements of the AIAG VDA Process FMEA and control plan process and is a dynamic and practical workshop.

Prerequisites for Attendance

Profound knowledge of the harmonized AIAG & VDA FMEA (ID 441 or ID 442).

PRICE

Program will be tailored to the organization. Price according to quotation.

- **One-day workshop, tailored to your organization**
- **More information visit www.allanta.be/diensten/opleiding**

FMEA-MSR AND FMEDA FAILURE PREVENTION ELECTRICAL / ELECTRONIC (E/E) - SYSTEMS DESIGN

Background and Topics

As driver assistance functionality and connectivity are becoming increasingly important in cars, the focus in this training is mainly on FMEA for electrical / electronic (E/E) systems.

FMEA Monitoring and System Response (MSR) is supplemental to the Design FMEA. This is a qualitative risk analysis and mitigation tool to enhance E/E-systems design with the purpose of maintaining a safe operating mode and compliance to regulations. This applies to system, hardware and software development. Failure Mode Effects and Diagnostics Analysis (FMEDA) is a quantitative risk analysis and mitigation tool which is embedded in the ISO 26262 standard 'Road Vehicles - Functional safety'. This is an adaptation of the IEC 61508 standard for functional safety of automotive E/E systems. ISO 26262 is an adjacent standard to the more famous IATF 16949 standard. FMEDA applies specifically to hardware development.
Both tools combined offer a strong solution to the challenges of the increasing number and complexity of these E/E systems in the automotive industry. This provides a methodology starting from the concept phase to a design that achieves an acceptable level of functional safety for the customers and end users.

Target Audience

Companies active in the development of electrical / electronic systems for the automotive industry (Quality Engineering / Management functions, Functional Safety related functions, Product Safety related functions).

Objectives

This two-day training gives the participants the ability to use qualitative and quantitative methods to analyse the robustness of E/E systems design.

- Apply the FMEA-MSR method for systems architecture
- Understand the VDA-QMC 7-step approach for FMEA
- Apply the FMEDA method for hardware architecture
- Determine failure rates for hardware components
- Calculate Single-Point Fault Metric (SPFM), Latent-Fault Metric (LFM)
- Calculate Probabilistic Metric of random Hardware Faults (PMHF)
- Evaluate compliance with ASIL requirements
- Understand the interfaces with IATF 16949
- Understand the interfaces with ISO 26262

Concept and Methods

The first day participants will work on a case and the second day, together with the coach, you will put the newly gained knowledge into practice in your own company.

Prerequisites for Attendance

Basic knowledge of the harmonized AIAG & VDA FMEA.
Basic knowledge ISO 26262 (function safety for road vehicles) is recommended.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Program will be tailored to the organization. Price according to quotation.

Combine this training with the design principles for E/ E systems ISO 26262

- **Two-day training, tailored to your organization**
- **More information visit www.allanta.be/diensten/opleiding**

REVERSE AIAG & VDA FMEA

Background and Topics

Reverse FMEA is one of the most recent tools used for continuous improvement and is a revolution in the field of risk management.
Reverse FMEA is used to enhance/improve the PFMEA, since it's based on on-site observation.

In order to verify FMEA outputs with real-life shopfloor situations, the Reverse FMEA method was released.

Target Audience

PFMEA team members (process engineers, quality, production, maintenance, logistics) required to be involved in re-evaluating PFMEA.

Objectives

- The Allanta expert will guide a team with the review of the existing process documentaion (Flowchart, FMEA, Control Plan).
- Support the Reverse FMEA team with the selection of the production line where the Reverse FMEA will take place, preparing the necessary inputs (Documentation, PPM data, Flowchart, PFMEA, Control Plan, Work Instructions, Drawings etc.).
- With the team FMEA verify the coherence of the process documentation with the existing production line on the shopfloor.
- Identify new risks by creating failure modes at workstations and testing of the effectiveness of the detection methods.
- Re-evaluate occurrence and detection ratings based on the production data and observation of the team.
- Revision and update of the PFMEA based on the shopfloor review results.

Concept and Methods

- On-site shopfloor FMEA review
- Frequency of the reviews based on the amount of production processes that need to be reviewed.

Prerequisites for Attendance

Reverse FMEA can only be executed on fully completed and implemented FMEA's.

PRICE

Program will be tailored to the organization. Price according to quotation.

Service

More information visit www.allanta.be/diensten/opleiding

AIAG & VDA FMEA MODERATOR

Background and Topics

Performing the AIAG VDA FMEA process correctly is a complex matter. On top of that a lot of internal resources (e.g. employees) are involved, who are by no means always motivated or disciplined to bring their assignment to a successful conclusion. In practice, our automotive experts regularly notice that managers and employees see the FMEA as a mandatory number and no more than that. Talk about a missed opportunity!

A professional FMEA moderator contributes significantly to the success of a Failure mode and effects analysis.

With this outsourcing program we offer an external FMEA moderator to perform a technical risk analysis for your system, product or process, together with the internal multidisciplinary FMEA team.

Target Audience

This program is intended for management and employees who seek a (temporary) FMEA expert/moderator within their company.

Objectives

The FMEA Moderator will guide a team during the transition and implementation of the harmonized AIAG VDA Process and Design FMEA.

The FMEA moderator allows the team to participate constructively and productively in the various FMEA sessions. You can rely on an experienced initiator who moderates during difficult discussions, offers conflict solutions and provides the necessary motivation to the team members.

The FMEA moderator focuses on the proper application of the FMEA tool which ensures well-documented and up-to-date FMEA's.

Concept and Methods

The Allanta expert acts as FMEA moderator in your company. During the pre-planned FMEA sessions, our moderator takes the initiative and supports the team with extensive knowledge of the Core Tool.

Prerequisites for Attendance

Profound knowledge of FMEA and risk based thinking is required.

PRICE

Program will be tailored to the organization. Price according to quotation.

- **Service**
- **More information visit www.allanta.be/diensten/opleiding**

MSA - MEASUREMENT SYSTEM ANALYSIS I AIAG 4TH EDITION - VDA 5

Background and Topics
MSA or Measurement System Analysis is indispensable if you want to measure the performance of a process without error. During the two-day MSA course, you will learn how to set up and apply correct measurement processes.

Target Audience
The training is intended for employees and managers within the quality departments (QA, QC, SQA, SQE), laboratory employees and managers, calibration and calibration managers, R&D / project employees and managers.

Objectives
During the training participants will become more familiar with measuring systems and all basic concepts. Users will learn to analyze influencing factors, attributive measuring systems and graphs.. After completing the MSA course, participants will be able to carry out a measurement system analysis, interpret the results and clearly display the measurement quality.
At the end of the training, participants must be able to:

- Carry out a measurement system analysis (MSA)
- Interpret the results of an MSA
- Represent the quality of the measurement process in quantifiable quantities
- To be able to give an opinion on the usefulness of a measurement method
- Formulate proposals for improvement

Concept and Methods
The training is based on both the VDA 5 (for German customers, but also accepted by French OEM) and the AIAG (American OEM, and so far the most widely used system).
These MSA requirements are in turn based on internationally recognized standards, such as ISO 10012 and EN 13005 (GUM).

Certificate of Qualification
Participants will receive an Allanta certificate of attendance.

Automotive Core Tools Expert Training
This course is also part of the eight-day Automotive Core Tools Expert Training.

PRICE
Members: €890 / Non-members: €1024
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

SPC - STATISTICAL PROCESS CONTROL AIAG 2ND EDITION

Background and Topics
In this training the participants will go deeper into the statistical techniques of SPC.

Target Audience
Anyone who wants to build up expertise of the variables in manufacturing processes that adversely affect product quality, avoid cost-increasing inconvenience and be able to adjust processes where necessary.

Objectives
This in-depth training gives participants more insight which variables in the production processes may have a negative impact on product quality. By using this tool you will avoid all cost-increasing inconveniences, so that processes run smoother with fewer losses.

These issues are covered in detail:
- Sampling criteria
- Evaluation of the measuring instruments used to collect statistical process control data
- Control charts for variable data and attributive data
- Special cause and common cause variations
- Apply stability criteria and decide whether the process is in-control or out-of-control
- Detect unstable processes and bring them in-control
- The difference between process capability and process performance
- Control limits as a tool for prevention and continuous improvement

Concept and Methods
After completing this expert training, which consists of theory and practical exercises, participants will be able to take measurements and adjust processes themselves.

Prerequisites for Attendance
A basic knowledge of statistics is recommended but not a prerequisite.

Certificate of Qualification
Participants will receive an Allanta certificate of attendance.

Automotive Core Tools Expert Training
This course is also part of the eight-day Automotive Core Tools Expert Training.

PRICE
Members: €890/ Non-members: €1024
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register
visit www.allanta.be/diensten/opleiding

VDA QMC VDA 6.3 PROCESS AUDITOR

VDA QMC

Over the past decade, the focus of the automotive supply chain has increasingly shifted to German Original Equipment Manufacturers (OEMs) such as Volkswagen, Daimler and BMW, and thus to the VDA standards, which are recognized as best-practice in the automotive supply chain and applied by all major players.

The VDA standards are imposed by the OEMs on manufacturers, suppliers or subcontractors and distributors, leading to additional training needs. System, process and product auditors were previously required to go and get their qualifications in a neighboring country.
Allanta, official license partner for Belgium and The Netherlands, provides these training courses in your proximity.

The training materials and presentations origins from VDA QMC and are always in English or German. The content will be explained by the coach in Dutch, English, French or German, depending on the target group.

VDA 6.3 process audits

The VDA 6.3 process audit is an effective procedure for assessing processes in connection with planning and manufacturing of a product. These audits are usually conducted within the organization or with suppliers prior to series release, but also form a valuable contribution for process optimization with already existing manufacturing lines. Furthermore, potential analysis – as part of VDA 6.3 – also constitutes a tried and tested method to select new suppliers.

allanta
QUALITY WITH IMPACT
License Partner for
Belgium & The Netherlands
VDA QMC
German Association of the Automotive Industry
Quality Management Center

Simplified standard for international orientation

The third and complete revision of the VDA standard in 2016 had the main objective of simplifying and unifying the standard in order to give it a more practical and international orientation. With these new advantages, the worldwide importance of VDA 6.3 has increased. Moreover, this process audit standard can now also be applied to further sectors such as mechanical engineering and wind power.

HOW TO BECOME A VDA 6.3 PROCESS AUDITOR

INTERNAL PROCESS AUDITOR

Prerequisites for qualification

Subject-specific knowledge

- common knowledge of usual quality tools and methods
- knowledge of the applicable management system requirements
- knowledge of customer-specific requirements
- product and process-specific knowledge in the aspired field of employment

Professional experience

Three years of experience in industry, at least one year of which in quality management

→ 4 days: Qualification for Process Auditor ID 315

→ CERTIFICATE OF QUALIFICATION

AUDITOR OF SUPPLIERS

Prerequisites for qualification

Subject-specific knowledge

- very good knowledge of the usual quality tools and methods
- knowledge of the applicable management system requirements
- knowledge of customer-specific requirements
- product and process-specific knowledge in the aspired field of employment application
- auditor qualification based on DIN EN ISO 19011 (at least 3 days)

Professional experience

Five years of experience in industry, at least two year of which in quality management

→ 4 days: Qualification for Process Auditor in ID 315

→ CERTIFICATE OF QUALIFICATION

PROCESS AUDITOR IN VDA 6.3 FOR SERVICES

Prerequisites for qualification

Subject-specific knowledge

Profound knowledge in quality management

Professional experience

Experience in industry, preferentially acquired in companies belonging to the automotive industry providing automobiles services

→ 3 days: Qualification for Process Auditor ID 316

→ CERTIFICATE OF QUALIFICATION

Source: VDA QMC

HOW TO BECOME CERTIFIED A VDA 6.3 PROCESS AUDITOR

CERTIFIED PROCESS AUDITOR

Prerequisites for qualification

Subject-specific knowledge

- very good knowledge of the usual quality tools and methods
- knowledge of the applicable management system requirements
- knowledge of customer specific requirements
- product and process-specific knowledge in the aspired field of employment aplication*
- auditor qualification based on DIN EN ISO 19011 (at least 3 days)

Professional experience

Five years fulltime professional experience in a manufacturing enterprise, at least two year of which in quality management *

New prerequisites

Evidence of knowledge of the Automotive Core Tools

ID 417 "Automotive Core Tools for System and Process Auditors" resp. ID 415, 416 and possibly 450 VDA qualification "Automotive Core Tools Professional"

or

At least two-day training about Automotive Core Tools
+
Passing of an Automotive Core Tools online quiz**)

↓

4 days: Qualification for Process Auditor in ID 315

↓

1 day: Examination for Certified Auditor in ID 353

↓

CERTIFICATE OF QUALIFICATION + DATABASE ENTRY

EXTENTION OF QUALIFICATION "CERTIFIED PROCESS AUDITOR VDA 6.3"

New prerequisites

ID 417 "Automotive Core Tools for System and Process Auditors" resp. ID 415, 416 and possibly 450 VDA qualification "Automotive Core Tools Professional"

or

At least two-day training about Automotive Core Tools — Informally acquired Automotive Core Tools skills***)

+

Passing of an Automotive Core Tools online quiz**)

Prerequisites for an extension

At least 5 process audits and/or potential analyses (with a total of ten audit days) as responsible auditor in the valid period

Less than 5 process audits and/or potential analyses (with less ten audit days) as responsible auditor in the valid period

↓

1 days: VDA 6.3 Workshop for Certified Process Auditor ID 341

↓

CERTIFICATE + DATABASE ENTRY

*) In case of professional experience of 3 years and more. In-company training may be credited. In-company training is accepted by 50 percent and only in case of a completed dual vocational training and/or dual university programmes in a technical profession in a manufacturing enterprise. Prevocational placements, student traineeships or similar in the scope of academic bachelor or master study courses will not be credited.
**) If the quiz is not passed, the training "Automotive Core Tools for Systems and Process Auditors" (ID417) must be completed.
***) Professional competence acquired through occupational activity and not attestable by formal proof.

Source: VDA QMC

AUTOMOTIVE CORE TOOLS FOR PROCESS AND SYSTEM AUDITORS (ID 417)

VDA QMC

Background and Topics

In order to ensure a high initial quality of audit activities in the companies and the entire supply chain, appropriate competence in the use of the respective methods is required. The efficient approach during the audits is an important success factor.

This training will give you the opportunity to develop your skills in performing typical audit situations within the area of Automotive Core Tools.

Target Audience

This two-day training course aims at:

- Prospective VDA 6.3 process auditors
- Prospective IATF system auditors
- VDA 6.3 process auditors who would like to apply for an extension

Objectives

You will be familiar with the individual core tools that are relevant for the German automotive industry (RGA/APQP, VDA 2/PPAP, FMEA, VDA 5/MSA, Cmk/PpK/CpK/SPC and 8D) and be able to use them accordingly.
You will be able to handle typical audit situations in the context of quality methods efficiently and in a technically correct manner.
You will know how to approach audit situations accordingly.
You will be able to evaluate the application of the respective methods in a technically correct manner.
You will be able to correctly evaluate typical situations on a case-specific basis.

Concept and Methods

You will receive a bibliography for your self-study so that you can acquire the necessary basic knowledge of the Automotive Core Tools in advance.
The focus of the training is on practical application. Technical input on the individual core tools alternates with work assignments, individual exercises and group work on typical examples.

Prerequisites for Attendance

Expertise in Automotive Core Tools is an advantage.

Certificate of Qualification

After passing the knowledge test (multiple-choice test), you will receive a VDA QMC certificate of qualification.

PRICE
Members: €1325/ Non-members: €1325
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

VDA QMC AUTOMOTIVE CORE TOOLS ONLINE QUIZ

Background and Topics

A worldwide market study of the automotive industry by the VDA QMC has shown that the automotive core tools (automotive quality methods and tools) are not always adequately used. For this reason, the requirements of the VDA qualifications for system and process auditors have been changed accordingly and the topic of automotive core tools has been included.

By offering this online quiz on automotive quality methods and tools, auditors can review and confirm their automotive core tools expertise.

Target Audience

Passing this online quiz is required if you:

- Want to extend your existing VDA 6.3 (2016) certificate. (ID 340)
- Want to take the VDA 6.3 Auditor exam for the first time. (ID 353)
- Want to take the IATF 16949 1st / 2nd party auditor exam for the first time. (ID 250 or ID 221)

Concept and Methods

The online quiz consists of 30 questions, of which at least 70 % (21 questions) must be answered correctly. Each question contains four possible answers, only one of which is the right one. You have a total of 60 minutes to answer the 30 questions.

Please note: there is only one attempt available. You cannot repeat the online quiz.
After you have sent your answers, you will immediately receive your result (passed / failed). After successful completion, you have the option to download a PDF as proof. Please add this to your respective application and submit it with your training booking.

After failing, you have to attend the Automotive Core Tools for System and Process Auditors" training (ID 417).

Please note: The result will only mention how many questions you have answered incorrectly or correctly. The incorrectly answered questions will not be displayed and you will not receive the solution.

More information is available at info@allanta.be.

VDA 6.3 – QUALIFICATION FOR PROCESS AUDITOR (ID 315)

VDA QMC

Background and Topics

In order to conduct VDA 6.3 process audits, comprehensive knowledge, experience and competence is necessary. Thus, the qualification of relevant personnel is indispensable. In this VDA 6.3 training the participants acquire the necessary background knowledge and understanding for process audit procedures.

Target Audience

This four-day training addresses QM personnel tasked with conducting process audits in their own organizations (internally) or in the supply chain (externally), as well as external auditors (deployment as service providers).

Objectives

Taking into consideration the process approach and the respective customer-specific requirements, this training introduces the basics for VDA 6.3 process auditors for holistic application in automotive industry. This includes general requirements, methods, principles, the evaluation scheme, risk analysis.

In addition, the underlying questionnaire is completely explained according to the assigned process elements (P1 – P7) so that participants can identify the respective risks along the supply chain and demonstrate the respective potential.

The goal is to ensure a reliable assessment. Furthermore, the code of conduct for process auditors and the current SIs and FAQs are presented.

Concept and Methods

During this training, technical lectures and group exercises alternate in order to support the transfer of the topics into the participants' own work practice with a particular focus on exchanging experiences between participants and the trainer.

Prerequisites for Attendance

Knowledge of the common quality tools and methods, the applicable management system requirements and further applicable customer-specific requirements, as well as product and process-specific knowledge in the intended field of application, is necessary for this training.
Furthermore, depending on their scope of activity, participants should have the respective professional experience according to VDA Volume 6.3 and an auditor qualification based on DIN EN ISO 19011 (see graphical representation).

Certificate of Qualification

After passing the test, the participants will receive a VDA QMC certificate of qualification.

Supplementary Material

VDA Volume 6.3

For the current edition of the VDA 6.3 process audit, a new evaluation and documentation tool has been developed as a web application. Users can obtain the VDA 6.3 Analysis Tool via the VDA QMC
webshop: www.webshop.vda.de/qmc.

PRICE
Members: €2645/ Non-members: €2645
(21% VAT excluded)

- **Four-day Training**
- **More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding**

VDA QMC

VDA 6.3 - EXAMINATION FOR CERTIFIED PROCESS AUDITOR (ID 353)

Background and Topics

The examination with certificate completion allows you to have your qualification independently confirmed so that you can meet the auditor competence requirements of customers or suppliers.

Target Audience

This examination is for VDA 6.3 process auditors in the product life cycle.

Objectives

Certified VDA 6.3 auditors are able to conduct process audits independently internally and at the site of their suppliers. The examination and the accompanying certificate independently confirm their current and valid qualification in order to meet customer or supplier requirements regarding their auditor competence.

Concept and Methods

On the examination day, the participants are given a written examination with 40 questions, which they have 60 minutes to answer. Furthermore, prospective VDA 6.3 auditors must pass an oral examination consisting of 30 minutes preparation time and a 20-minute interview with two examiners. For preparation, the training material handed out during VDA trainings (incl. VDA 6.3 standard) are admitted, and these must be brought along on the examination day.

Prerequisites for Attendance

Admission to the examination is only granted after successful review of the application.
Evidence must be provided of the certificate of qualification for the training "VDA 6.3 – Qualification for Process Auditor" (edition 2016, ID 315), of an at least three-day auditor qualification on the basis of DIN EN ISO 19011 (e. g., VDA Auditor) and of at least five years' industrial experience, of which at least two years in quality management.

As a new requirement, evidence of knowledge of the Automotive Core Tools must be provided. The training "Automotive Core Tools for System and Process Auditors" (ID 417) and the VDA qualification "Automotive Core Tools Professional" (ID 415, 416 and possibly 450) are recognized. Alternatively, evidence of a minimum two-day training about Automotive Core Tools by another training provider as well as the passing of an Automotive Core Tools online quiz is required. If the quiz is not passed, the "Automotive Core Tools for System and Process Auditors" course (ID 417) must be completed (see graphical representation).

Certificate of Qualification

After passing the written and oral examination, the participants will receive a VDA QMC certificate with a registered number and the respective entry into the VDA QMC database.

PRICE
Members: €750 / Non-members: €750
21% VAT excluded)

- **Get your Certificate & Database Entry**
- **One-day Examination**
- **More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding**

VDA 6.3 - EXTENSION OF THE QUALIFICATION CERTIFIED PROCESS AUDITOR (2016) (ID 340)

VDA QMC

Background and Topics

According to DIN EN ISO 19011, auditors are required to continuously improve their competence. This includes professional further education, e. g., by means of self-study and training.

Target Audience

Certified process auditors VDA 6.3 (2016) with a valid VDA certificate.

Prerequisites for Attendance

For a detailed explanation of the requirements, see the overview graphic on page 36.

In order to extend a VDA 6.3 (2016) qualification, the application must be submitted before validity expires.

For this reason, the validity of the certificate is deliberately limited in time. Through this examination with final certification, you can have your skills confirmed again and thus demonstrate a current and valid VDA certificate.

Certificate of Qualification

After a positive review of application, a new certificate with a registered number will be issued, along with the corresponding entry into the VDA QMC database. The certificate is valid for three years.

PRICE
Members: €165 / Non-members: €165
((21% VAT excluded)

The price includes the application review, the issuance and sending of a new certificate as well as the entry in the VDA QMC database.

VDA QMC

VDA 6.3 - WORKSHOP FOR CERTIFIED PROCESS AUDITOR (ID 341)

Background and Topics

This workshop offers the chance to discuss such situations in everyday audit practice with the participants and an expert, and to determine the appropriateness and application of requirements and assessments.

Target Audience

This training is for Certified Process Auditor VDA 6.3 (2016), who cannot prove the required number of process audits for the extension of their auditor qualification.

Objectives

In this one-day workshop, participants will have the opportunity to strengthen their process auditor skills, share their day-today experience, and develop their user skills.

The participants thus increase their security in the application of process audits and receive suggestions for the development of their auditor competence.

Concept and Methods

The workshop focuses on practical application of the process audit as a tool for analyzing weaknesses in combination with risk assessments and as a basis for improvement measures. The theoretical part focuses on the subjects of audit preparation and audit planning as well as evaluation. The application of the VDA 6.3 Analysis Tool will also be discussed. In the practical part, the audit preparation, audit planning, the execution of process audits with final evaluation and the presentation of results (final discussion) are trained in role plays and according to given scenarios.

Prerequisites for Attendance

This workshop is aimed at already Certified Process Auditors VDA 6.3 (2016). For the efficiency of the workshop it is also necessary that the participants have a comprehensive knowledge of the VDA 6.3 questionnaire and the evaluation-relevant requirements.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: €830 / Non-members: €830
(21% VAT excluded)

- **Renew your Certificate & Database Entry**
- **More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding**

QUALITY MANAGEMENT METHODS AND TOOLS

The use of QM methods supports the targeted implementation of a QM system and helps organizations to identify customer requirements, reduce risks, and make business processes more efficient.

Depending on the specific phase of product realization, users have various methods for improving products and product characteristics. This training offers a range of tools that have proved especially successful in practice.

PSCR - PRODUCT SAFETY & CONFORMITY REPRESENTATIVE (ID 503)

VDA QMC

Background and Topics

Every organization within the automotive supply chain is obliged to ensure the safety and conformity of its products. This includes compliance with the legal regulations of the respective countries and meeting the safety expectations of the general public. This is where the role of the Product Safety & Conformity representative starts.

The training will enable you as a prospective or existing PSCR to manage your day-to-day work in a more professional and goal-oriented manner. In five modules, the central topics of product integrity will be elaborated and your competency expanded.

Target Audience

Automotive executives and personnel who are to be deployed as product safety representatives or who already hold that position.

Objectives

You will be able to describe the significance and tasks of the PSCR.

You will be able to state your responsibility in the entire supply chain from development through manufacture and use to the end of intended use.

You will know how product integrity is organized in the company and be familiar with its place in the product life cycle.

You will know what to do in the event of product deviations.

You will use the relevant tools and methods in a professionally competent manner.

You will manage your task as PSCR professionally and in a target-oriented manner.

Concept and Methods

The training alternates between technical presentations and group work. Group work supports the transfer of what has been learned into your own working practice. Special emphasis is placed on opportunities to exchange experiences.

Supplementary Material: VDA Volume Product Integrity.

Prerequisites for Attendance

In order to attend this training, a technical and / or business education is necessary as well as experience in automotive quality management, especially in complaints and resource management. Furthermore, the participants should be qualified and experienced in the evaluation of technical product and process risks (e. g., FMEA facilitator, VDA 6.3 process auditor, designer / developer) and be knowledgeable about the use of the organization's products, well as the requirements from relevant laws and customer requirements.

Certificate of Qualification

After passing the knowledge test (multiple-choice test), you will receive a VDA QMC certificate of qualification.

PRICE
Members: €1552,50 / Non-members: € 1552,50 (21% VAT excluded)

- **Two-day Training**
- **More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding**

VDA QMC

PSCR - UPGRADE TRAINING FROM PSB TO PRODUCT SAFETY & CONFORMITY REPRESENTATIVE (ID 533)

Background and Topics

The manifold tasks which product safety representative has to deal with are subject to constant change. In order to identify the challenges and implement them in one's own organization, it is thus necessary to renew and deepen existing knowledge.

This is the aim of this upgrade qualification: The newest insights into product integrity will be explored in four modules, and your competence as product safety representative expanded.

Target Audience

This training addresses product safety representatives from organizations that are part of the automotive supply chain.

Objectives

You will be familiar with current challenges in your role as PSR and how to respond to them.

You will be familiar with new and changing requirements.

You will update and further develop your competencies as a PSCR.

Concept and Methods

The training alternates between technical presentations and group work. Group work supports the transfer of what has been learned into your own working practice. Special emphasis is placed on opportunities to exchange experiences.

Supplementary Material: VDA Volume Product Integrity.

Prerequisites for Attendance

Participants must have attended a product safety representative training within the past two years and also possess knowledge in automotive quality management.

Certificate of Qualification

After passing the knowledge test (multiple-choice test), you will receive a VDA QMC certificate of qualification.

PRICE
Members: €685 / Non-members: €685
(21% VAT excluded)

- **One-day Training**
- **More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding**

PSCR – SUPERVISION AND IMPLEMENTATION

Background and Topics

Through the IATF 16949:2016 standard and their own specific customer requirements, the automotive industry requires manufacturing companies to pay attention to product integrity.

Product safety complies with the laws and regulations for use in the full life cycle of the product supplied. These requirements are in many cases very thorough and involve the entire product creation process: from product design, process development and supply chain management (your suppliers also have this obligation) to the manufacture, processing, assembly and use of the finished vehicle. Even the recycling of the finished product is subject to extensive guidelines.

Quite a challenge for producers and suppliers in the supply chain.

A PSCR consultant will guide you to use these requirements to the advantage of your company.

Target Audience

Organizations in the supply chain who produces to German OEMs Daimler (Mercedes), BMW (incl. Bentley and Mini), Volkswagen group (VW, Audit, Porsche, Skoda, Seat, Rolls Royce, Bugatti, Scania, MAN). Also organizations and their supply chain involved in aviation, military applications and other mass production industry who face strict requirements in product safety and conformity.

Objectives

This PSCR supervision and implementation process is ideal for those who want to outsource the roles of a PSCR. The Allanta expert takes care of your activities of your choice, saving you time and manpower.

An experienced specialist from different sectors implements the action plan more effectively and safely. On top of that, this process is also suitable as support for present product safety managers (officials) on the work floor.

Concept and Methods

1. Intake
2. Gap analysis and understanding products with an FMEA
3. Defining and testing critical characteristics on SPC
4. MSA on measuring systems
5. Action Plan to PSCR Implementation
6. If desired, further processing based on a risk analysis, carried out together with the technical management of your company

PRICE

Program will be tailored to the organization. Price according to quotation

Service

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

VDA QMC

VDA 6.5 – QUALIFICATION FOR PRODUCT AUDITOR (ID 318)

Background and Topics

Do the products offer the quality expected by customers? That is the central question in all product audits. In the automotive industry, they have been an indispensable tool for evaluating and improving product quality for many years. The standard VDA 6.5 is a guide for the creation of audit programs and audit plans as well as for audit execution, reporting and measures management.

In this one-day training, you will learn how to create efficient audit programs, develop targeted audit plans, conduct product audits, and evaluate product quality with an appropriate defect classification. The documented results of an audit form the basis for the continuous improvement of product quality.

Target Audience

This training is for personnel who plan or conduct product audits.

Objectives

You will be familiar with the structure of audit programs and be able to create them in a technically correct manner.

You will be able to develop the necessary audit plans in a targeted manner.

You will be able to carry out product audits professionally.

You will evaluate the product quality with an appropriate defect classification.

You will be able to document the results of an audit appropriately.

Concept and Methods

The training includes short technical presentations, group exercises and plenary discussion of the results. The creation of an audit program and an audit plan is practiced using a concrete, practical example.

Supplementary Material: VDA Volume 6.5.

Prerequisites for Attendance

Participants should already be familiar with product audits.

Certificate of Qualification

After passing the knowledge test (multiple-choice test), you will receive a VDA QMC certificate of qualification.

PRICE
Members: €632,50 / Non-members: €632,50 (21% VAT excluded)

- **One-day Training**
- **More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding**

ISO 26262 - STANDARD FUNCTIONAL SAFETY FOR ROAD VEHICLES

Background and Topics

The ISO 26262 offers an automotive specific and risk-based approach throughout the life cycle from development to the dismantling of electrical and electronic (E/E) systems. This safety standard provides the tools starting from the concept phase to a design that achieves an acceptable level of functional safety for the end users.

With the increasingly complexity of automotive concepts, this standard is becoming increasingly important. It is an 'automotive' adaptation of the IEC 61508 standard for functional safety for electrical and electronic (E/E) systems. ISO 26262 is closely linked to the IATF 16949 and the FMEA core tool.

Target Audience

Management and Development departments of electrical / electronic systems (with ASIL requirements) for the automotive industry. (General management, Program Management, Development departments, R&D, Quality Management, Functional Safety Manager).

Objectives

This one-day training gives the participants the opportunity to get a better understanding of the added value and operation of the ISO 26262. In this way, you can determine for yourself which standard elements are more relevant and applicable for your own organization and your own activities.

- Get an overview of the 12 elements of the standard
- Know the impact of ASIL levels
- Remember recurring terms and definitions
- Learn to understand key concepts better
- Perform your own Hazard Analysis and Risk Assessment (HARA)
- Get to know if and which additional training is necessary and useful
- Start a gap analysis according to ISO 26262

Concept and Methods

In the one-day training the automotive coach will discuss the objectives. The expert indicates how to deal best with this standard. Some basic principles are also discussed. The automotive expert limits himself in this standard training only to the basics and deals with different aspects in hardware and software development. We would like to refer you to the related two-day focus training in hardware development, and the Failure Mode Effects and Diagnostics Analysis (FMEDA).

Prerequisites for Attendance

There are no prerequisites.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE

Program will be tailored to the organization. Price according to quotation.

One-day training, tailored to your organization

More information visit www.allanta.be/diensten/opleiding

ISO 26262 – HARDWARE DEVELOPMENT I FUNCTIONAL SAFETY FOR ROAD VEHICLES

Background and Topics

Thanks to ISO 26262, you gradually manage functional safety throughout the entire product development and dismantling of electrical and electronic (E / E) systems in the automotive industry. Moreover, through this unified risk-based approach, manufacturers also legally cover themselves at system, hardware and software level.

Target Audience

Companies active in the development of electrical / electronic systems (with ASIL requirements) for the automotive industry, with the focus on hardware development. (General management, Program Management, Development departments, R&D, Quality Management, Functional Safety Manager).

Objectives

While the one-day introduction training gives you a clear picture of the usefulness and functioning of the ISO 26262, this in-depth training also deals with functional safety specifically on the hardware development of E / E systems.

- Get an overview of the 12 elements of the standard
- Know the impact of ASIL levels
- Know the recurring terms and definitions
- Understand the main key concepts
- Make a quantitative analysis of the hardware architecture
- Get to know Single-Point Fault Metric (SPFM) and Latent-Fault Metric (LFM)
- Perform your own FMEDA (Failure Modes Effects and Diagnostic Analysis)

Concept and Methods

During first day, the coach briefly discusses the main basic principles. It's your opportunity to get a better picture of the usefulness and operation of the ISO 26262. In this in-depth training, the automotive expert focuses on the functional safety in hardware of E / E systems.

Day 1: Introduction to ISO 26262 Functional safety for the automotive industry
In the one-day course, the automotive coach reviews the objectives for each part of ISO 26262. The expert indicates how best to deal with this standard in practice so that it is digestible for implementation. Some basic principles are also discussed.

Day 2: ISO 26262 - hardware development
In this follow-up training, the focus is on functional safety in hardware of E / E systems.

Prerequisites for Attendance

There are no prerequisites.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Program will be tailored to the organization. Price according to quotation.

Two-day training, tailored to your organization

More information visit www.allanta.be/diensten/opleiding

VDA 19 - TECHNICAL CLEANLINESS

Background and Topics

Because mechanisms and electronics in cars are becoming smaller and smaller, manufacturers can no longer avoid making parts and sub-assemblies cleaner. Just think of fuel supply systems, lubrication systems, cooling systems, hydraulics or steering computers. In industry, especially in the automotive sector, technical cleanliness is a crucial concept. The requirements concerning technical cleanliness according to the VDA 19 management system are therefore the most frequently applied guidelines at German car brands and larger first-line suppliers.

VDA volume 19 is a more detailed version of the international standard ISO 16232, series 'Road vehicles - Cleanliness of components of fluid circuits' and can therefore be used for many other markets and not only for the German automotive and aerospace industries.

Target Audience

An in-company training for all those responsible for quality and production.

Objectives

Get to know the customer requirements according to VDA 19 and how to set up this system. The automotive expert helps the quality managers and the production team with the preparations.

Thanks to VDA 19, an organization enjoys many benefits such as cost savings, market opportunities and increased customer confidence due to fewer complaints and warranty costs.

Concept and Methods

VDA 19 consists of two parts:
Part 1 includes a guideline explaining the circumstances for the application and documentation of methods to define particle contamination always in relation to the functionality of components and/or sub-assemblies. Incidentally, this section contains recommendations for developing cleanliness inspections that are comparable in terms of design and execution.

Part 2 includes a guideline for setting up, optimizing and maintaining a 'clean area' or 'clean room'.
During the training, participants come into contact with all relevant aspects of technical cleanliness in VDA 19:

- Introduction
- Area of application and Risk identification
- Cleanliness: Definition
- Cleaning Techniques
- Structure of the VDA 19
- Cleanliness Specifications
- Selection of the inspection method: extraction methods and filters
- Analysis Methods
- Handling the samples
- Qualification test and Blank Values
- Documentation
- Action plan in cases of NC results
- Auditing

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Program will be tailored to the organization. Price according to quotation.

- **Two-day training, tailored to your organization**
- **More information visit www.allanta.be/diensten/opleiding**

VDA QMC

VDA FIELD FAILURE ANALYSIS USER TRAINING (ID 632)

Background and Topics

Despite increased efforts in development and production processes aiming to provide customers mature, robust and conforming product, deviations from the expected state can occur when used in the field. Depending on the type of complaint, the potentially nonconforming parts or automotive components are exchanged and can be requested for analysis by the manufacturer (OEM) or by the supplier via the OEM.

The VDA Volume Field Failure Analysis provides a comprehensive approach to identifying causes and was thoroughly revised in 2018. This two-day training presents the contents of the current standard for implementation in the participants' own organization.

Target Audience

Personnel from purchasing, design and development, production, warranty, quality assurance and sales in the automotive and supplier industry, who implement and further develop the field failure analysis process.

Objectives

The focus is on teaching expert knowledge and competence to implement the field failure analysis method in one's own work environment. The sequence of the field failure analysis process, concept and part analysis are of special interest. The participants acquire knowledge about the NTF process, special processes and the problem solving process. In addition, planning the whole field failure analysis process and organizational activities to implement and anchor the process in one's own organization are dealt with.

Concept and Methods

During this training, technical lectures and exercises alternate in order to support the transfer of the topics into the participants' own work environment with a particular focus on exchanging experiences between participants and the trainer.

Prerequisites for Attendance

There are no prerequisites for attending this VDA QMC training.

Certificate of Qualification

After passing the test, the participants will receive a certificate of qualification.

PRICE
Members: €1103 / Non-members: €1103
organization.

- **Two-day Training**
- **Dates and location: www.allanta.be/opleiding**

MMOG/LE - GLOBAL MATERIALS MANAGEMENT OPERATIONS GUIDELINE / LOGISTICS EVALUATION (ID 960)

VDA QMC

Background and Topics

The Global Materials Management Operations Guideline / Logistics Evaluation (Global MMOG/LE) is an established industry standard that provides a unified assessment procedure for evaluating automotive logistics suppliers. The tool enables OEMs and suppliers to assess the logistical performance capabilities of the (sub)suppliers and the internal processes. It focuses on the following aspects:

- Unified evaluation of supply chain management, for both internal and external use
- Definition of supply chain management components in order to support continual improvement and enhance supplier performance
- Basis for benchmarking and identifying best-practice criteria

Target Audience

- Logisticians
- Purchasers
- Managers, employees in supplier management / supplier integration

Objectives

The expert provides you an overview of GMMOG/LE including its objectives and benefits. The coach explains how to prepare for a supplier evaluation, plan the evaluation, analyze the results and draw up an action plan, and you will:

- Understand the structure of Global MMOG/LE
- Know the Global MMOG/LE criteria for assessing suppliers
- Apply the tool and know what features should be included in a supplier evaluation process.
- Analyze results from the Global MMOG/LE, draw up effective action plans and know how to apply the Global MMOG/LE tool correctly

Concept and Methods

With the 197 (full version) / 106 (basic version) question self-assessment, you as a supplier can achieve an evaluation of your logistic performance.

Prerequisites for Attendance

There are no prerequisites.

PRICE

Program will be tailored to the organization. Price according to quotation.

Support with the MMOG/LE self-assessment

More information visit www.allanta.be/diensten/opleiding

VDA QMC

FORMEL Q - COMPACT (ID 516)

Background and Topics

Formel Q is a body of rules containing all of Volkswagen's requirements for quality and project management for cooperation with supply chain partners. The fulfilment of these requirements aims to ensure a smooth product engineering process and series delivery to the satisfaction of the customer.

In cooperation with the Volkswagen Bildungsinstitut GmbH, this VDA QMC training presents these binding requirements and procedures in detail.

Target Audience

Executives and employees from all areas in the process chain.

Objectives

- Get familiar with Formel Q on the whole.
- Discover all the requirements of the Volk wagen group pertaining to Formel Q-Concrete, Formel Q-Capability and Formel Q-New Parts Integral.
- Get to know how the inquiry and award phases work.
- Learn the importance of Formel Q, in development cooperation with the Volkswagen Group, in product and process release, and in serial operation.
- Work with some important applications, such as QPN, self-audit and QTR.

Concept and Methods

The training alternates between technical presentations and group work. Group work supports the transfer of what has been learned into your own working practice. Special emphasis is placed on opportunities to exchange experiences.

The spoken language and provided course material will be in English unless the group of participants consists of Dutch speakers only.

Prerequisites for Attendance

There are no prerequisites for attending this VDA QMC training.

Certificate of Qualification

After passing the knowledge test (multiple-choice test), you will receive a VDA QMC certificate of qualification.

PRICE
Members: € 1550 / Non-members: €1550
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

8D PROBLEM SOLVING

Background and Topics

Recurring problems absorb a lot of valuable time. The 8D problem solving method allows you to detect such anomalies. In a structured way, you bring logic behind the analysis in order to solve problems in your business processes. Prevent loss of time and unnecessary costs by improving quality. The 8D method focuses on the improvement of products and processes. The method makes it possible to detect, correct and prevent recurring problems in the future.

Target Audience

This training is aimed at all those who need to solve problems and who want to use a structured approach to do so.
The participants learn how to report on defining problems correctly and determine the cause of the anomaly.

Objectives

During the training you will get acquainted with 8D, PDCA, the 5W's, Ishikawa, Pareto and many other useful techniques and methods to make your business more efficient. During the workshop the following topics will be discussed:

- Continuous improvement and PDCA
- Processes and improvements
- 8 steps (8D) to solve a problem
- Teams and team roles
- Symptom - problem - root cause
- Take temporary actions
- Brainstorming, 5Ws, Ishikawa and Pareto
- Search for causes
- Continuous actions and effectiveness
- Follow-up by action plans
- Reporting

Concept and Methods

The 8D methodology remains the common thread throughout this training. The participants learn to define and analyze problems step by step and to look for the root cause of the problem or deviation with the help of practical, recognizable exercises.

These exercises serve to practice the "8D language" and the methods, so that all participants understand each other when dealing with actual/specific complaints.

Prerequisites for Attendance

There are no prerequisites for attending this training.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: €450 / Non-Members: €518
(21% VAT excluded

One-day Training

More information visit www.allanta.be/diensten/opleiding

SIX SIGMA GREEN BELT

Background and Topics

This Six Sigma Green Belt course is exactly what you are looking for if you and your team want to tackle an improvement project in a structured way, driven by data and results. Learn to use data to make the right decisions during improvement projects.

A Six Sigma Green Belt project is always rolled out in a structured way according to the DMAIC method: Define, Measure, Analyze, Improve and Control. During the training, these steps are systematically addressed with some corresponding basic principles and techniques.

The training is mainly aimed at the accessible practical application of these tools and less at in-depth static methods.

Target Audience

The training is intended for all employees involved in an improvement project, either as a team member or as a Green Belt project leader.

Objectives

During this six-day Green Belt, you will discover how to bring your own chosen improvement project in the organization to a successful conclusion according to the DMAIC method with a generally applicable and structured approach.

- Define your own improvement project with a Project Charter
- Validate current process performance
- Overview of important input variables
- Confirm the process improvement
- Manage the improved process

Concept and Methods

The Six Sigma Green Belt course follows the DMAIC methodology and contains a number of related techniques. After a general introduction on day 1, we will follow the approach outlined below during 5 days. Afterwards, a follow-up meeting will be organized.

Prerequisites for Attendance

There are no prerequisites for attending this training. Basic knowledge of statistics is a plus.

Certificate of Qualification

After the 5th training day, participants will receive a certificate of participation.

Participants who successfully complete their own improvement project during the training will receive a certificate of qualification for carrying out their first Six Sigma Green Belt project after the project presentation day.

PRICE
Members: € 2900 / Non-members: €3335
(21% VAT excluded)

Five-day Training + project presentation

More information on dates, venues and how to register
visit www.allanta.be/diensten/opleiding

SUPPORTING SYSTEMS

This guide focusses on training courses tailored to the automotive industry. However, Allanta offers training in various management systems, quality tools and improvement methods which help companies to guarantee quality, safety and sustainability.

Next, you will find a selection of non-automotive but yet industry related training courses which will help you achieve your goals. On our website www.allanta.be you will find a complete overview of our courses.

ISO 9001:2015 - STANDARD QMS

Background and Topics

ISO 9001 is defined as the international standard that specifies requirements for a quality management system (QMS). Organizations use the standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements.

ISO 9001 is based on the plan-do-check-act methodology and provides a process-oriented approach to documenting and reviewing the structure, responsibilities, and procedures required to achieve effective quality management in an organization.

The ISO 9001 standard helps organizations to:

- Organize a QMS and processes
- Improve the efficiency of processes
- Deliver high quality products and services
- Create satisfied customers, management, and employees
- Continually improve their processes
- Save costs

Target Audience

Professionals responsible for developing, implementing, auditing, and managing an ISO Quality Management System or quality professionals interested in updating their documented ISO 9001-based QMS.

Objectives

- Understanding the ISO 9001:2015 and applying the standard's requirements to your organization's quality system
- Practical tips and tricks on how to implement the different facets of the standard in an organization

Concept and Methods

In two days the following topics are discussed as stated in ISO 9001:2015:

- The quality management system and its processes
- Documented information
- Context of the organization
- Stakeholders (interested parties)
- Risks and opportunities
- Leadership
- Supporting services
- Management of resources
- Production and services
- Design and Development
- Procurement
- Customer satisfaction
- Internal audit
- Effectiveness and efficiency of processes
- Deviating products and services (complaints)
- Continuous improvement
- Corrective measures

Prerequisites for Attendance

There are no prerequisites for attending this training.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: € 865 / Non-members: €995
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

ISO 14001:2015 – STANDARD I ENVIRONMENTAL MANAGEMENT SYSTEM

Background and Topics

ISO 14001 is the international standard that specifies requirements for an effective environmental management system (EMS). ISO defines the EMS as part of the management system used to manage environmental aspects, fulfill compliance obligations, and address risks and opportunities. An environmental management system visualizes the environmental effects, controls the processes and formulates and realizes the environmental objectives. It does this in a way that gives form and substance to the organization's own responsibility towards the environment.

The framework in the ISO 14001 standard can be used within a plan-do-check-act (PDCA) approach to continuous improvement.

ISO 14001:2015 is structured according to the Harmonized Structure (HS), making it easy to with other management systems standards, most commonly ISO 9001, can further assist in accomplishing organizational goals.

Using ISO 14001:2015 has many benefits for organizations with environmental management systems. Organizations and companies find that using the standard helps them:

- Improve resource efficiency
- Reduce waste
- Drive down costs
- Provide assurance that environmental impact is being measured
- Gain competitive advantage in supply chain design
- Increase new business opportunities
- Meet legal obligations
- Increase stakeholder and customer trust
- Improve overall environmental impact
- Manage environmental obligations with consistency

Target Audience

ISO 14001:2015 should be used by any organization that wishes to set up, improve, or maintain an environmental management system to conform with its established environmental policy and requirements. The training is intended for all professionals responsible for the management and systematic improvement of the environmental performances within the organization.

Objectives

This one-day training will give you a clear overview of the requirements of the ISO 14001:2015 standard and ensures that you are able to set up, implement and manage an environmental management system within your company.

Concept and Methods

The training alternates between presentations, examples, exercises and discussions.

- Introduction to an environmental management system
- Harmonized Structure (HS)
- Structure and main elements of ISO 14001:2015
- Legal requirements
- Register of significant environmental aspects
- Practical implementation of an environmental management system
- Various practical exercises
- Integration with other care systems
- Certification process

Prerequisites for Attendance

There are no prerequisites for attending this training.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: €540 / Non-Members: €621
(21% VAT excluded

One-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

ISO 27001, ISO 27002 & ISO 27701 - IMPLEMENTATION & AUDIT I CYBERSECURITY

Background and Topics

Cyber security is a very hot topic and will only increase in importance in the upcoming years. Data, networks and equipment are vulnerable to external attacks and must be protected, now more than ever.
This two-day training course shows in practice how to implement and audit an Information Security Management System (ISMS).

Target Audience

Anyone who is convinced of the usefulness of implementing and/or auditing a thorough cyber security policy and information security system such as ISO 27001, ISO 27002 and ISO 27701.

Objectives

At the end of these two days, you will understand:

- What cybersecurity is and why it is important in today's digital society
- The importance of standards and norms in general and with regard to data security in particular
- The objectives of the ISO 27001 and ISO 27002 standards
- The importance of a proper risk analysis
- What steps are needed to start and manage a good Information Security Management System (ISMS)
- How to set up an ISMS in practice
- Which documents need to be present in order to comply with the standard.
- The most important controls in the Statement of Applicability
- The basic concepts and techniques of encryption.
- The basic elements of the AVG regulations with regard to the protection of personal data
- The benefits of the newest member of the ISO 27000 family, the ISO 27701 standard
- Applying this additional standard to the ISO 27001 framework
- What an audit is
- How the ISO 19011 standard helps you when auditing a management system
- How knowledge of social styles will help you to better understand your audit partner
- How to set up a findings register
- How to write a final report

Concept and Methods

During the first day, the coach discusses some basic concepts of cybersecurity and how the ISO 27001 standard can help secure the confidentiality, integrity and availability of your information.
In the second part, the expert goes deeper into the practical implementation of the ISO 27001 standard.
In the third part, the focus is on what an audit actually is, which steps the ISO 19011 standard prescribes and how to set up a correct final report. The coach also elaborates on some audit techniques and social styles that can help you better understand the auditees.

Prerequisites for Attendance

There are no prerequisites for attending this training.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: € 785 / Non-members: €925
(21% VAT excluded)

Two-day Training

More information on dates, venues and how to register visit www.allanta.be/diensten/opleiding

ISO/IEC 17025:2017 - STANDARD I QMS FOR TESTING AND CALIBRATION OF LABORATORIES

Background and Topics

ISO/IEC 17025 is an standard that laboratories use to develop a Quality Management System (QMS) in both the organizational and technical fields. The ISO standard specifies general requirements for the competence of laboratories to perform tests and/or calibrations, including sampling.

Although the scope of the ISO 17025 standard is quite limited, it has a fairly wide distribution in the laboratory world. In the past mainly in third party laboratories, but recently also more and more in internal company laboratories. More and more authorities are using this standard as the basis for recognition, notification or accreditation or as confirmation of the competence of the laboratory.

Since November 2017, the new standard ISO/IEC 17025 is applicable. During the training ISO/IEC 17025:2017 you will interpret the standards requirements, familiarize yourself with its application and exchange experiences with other professionals.

Target Audience

The training is intended for all personnel who wants to become familiar with the standard and/or set up a QMS for testing and calibration.

Objectives

This course will provide students with a general overview of ISO/IEC 17025:2017.

Attendees will learn to understand and interpret the standard requirements and exchange experiences.

Concept and Methods

We take the various parts of the standard as a starting point by means of all kinds of small exercises.

Prerequisites for Attendance

A detailed reading of the standard before participating in the training is recommended.

Certificate of Qualification

Participants will receive an Allanta certificate of attendance.

PRICE
Members: € 545 / Non-members: €627
(21% VAT excluded)

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LET US ASSIST YOU

Training tailored to your company

In addition to interactive training courses and workshops in calendar trainings, our coaches and experts also develop in-house learning moments to further develop your talents and those of the employees. This way, we help you create the necessary leverage within your organization and make it as easy as possible for you to put your knowledge into practice.

Advice and (project) support

Our project leaders all excel in a variety of specialization areas and look at the organization from an objective perspective. An advice or guidance trajectory always starts from a personal and practice-oriented perspective in which trust and transparency are paramount. In this way, our experts help you quickly on your way to the right solution, which they also implement together with you in order to implement the necessary changes quickly and efficiently.

Audit & services

We understand it all too well: of course you prefer to stay focused on your core business. That is why we want to unburden you. Feel free to call on Allanta as an independent partner. We look at your organization with a fresh perspective and cross-sector experience. Let us support you with internal- and supplier audits of management systems, products and processes and suppliers audits.

GET IN TOUCH

Address

Hendrik van Veldekesingel 150, box 58
B-3500 Hasselt

E-mail and telephone

Call us on: **+32 (0)11 870 944**

Or send us an e-mail: **info@allanta.be**

www.allanta.be

LinkedIn **@allantavzw**

VAT: BE0424.291.163

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