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CONSULTING & TRAINING

VDA TRAINING

ID417

Automotive Core Tools - Training for Process and System Auditors

1. Contents:

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.

2. Objectives:

a) 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.
b) You will be able to handle typical audit situations in the context of quality methods efficiently and in a technically correct manner.
c) You will know how to approach audit situations accordingly.
d) You will be able to evaluate the application of the respective methods in a technically correct manner.
e) You will be able to correctly evaluate typical situations on a case-specific basis.

3. Concept and Methods:

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.

4. Target Audience:

a) (Prospective) VDA 6.3 process auditors.
b) (Prospective) IATF system auditors.

5. Prerequisites for Attendance:

Participation in this training requires good knowledge of the Automotive Core Tools. Participants can see which tools are included in the training in the following list of quality methods. In preparation for the training, it is recommended to refresh the expertise with appropriate sources, if necessary:

Method: Advanced Quality Planning / Product Development Process.
Source: VDA Volume Maturity Level Assurance for New Parts (MLA).

Method: Failure Mode and Effects Analysis (FMEA) and Special Characteristics.
Source: AIAG & VDA FMEA Handbook and VDA Volume Special Characteristics.

Method: Statistical evaluation of measuring systems (MSA).
Source: VDA Volume 5 – Capability of Measurement Systems.

Method: Statistical Process Control (SPC).
Source: Economical Process Design and Process Control (VDA Volume 4).

Method: Sample Processing Methods.
Source: VDA Volume 2 – Production Process and Product Approval (PPF).

Method: Control Plan.
Source: IATF 16949.

Method: Problem-solving techniques.
Source: VDA Volume 8D – Problem Solving in 8 Disciplines.

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6. Certificate of Qualification:

After passing the knowledge test (Multiple-Choice-Test), you will receive a digital certificate of qualification.

7. Duration:

2 days (16 hours).

INFORMATION:

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