QMC®
CONSULTING & TRAINING



VDA TRAINING

ID471

VDA 5 – Measurement and Inspection Processes. Capability, Planning, Management

1. Contents:

Several standards and guidelines exist that spell out the requirements for identifying and handling uncertainties in measurement and inspection processes. Companies face many issues in this area, particularly in the organization and certification of their quality management systems.

The training explains how to determine the capability of measurement and inspection processes, and how inspection processes are planned and carried out. Here product development is integrated into the inspection process. The program highlights the fluid borders between the related processes of inspection equipment management, inspection planning and inspection process management (incl. the defined roles). It also focuses on protecting against the risks associated with measurement and inspection processes. This two-day seminar covers all the topics surrounding measurement systems, measuring processes and inspection processes.

2. Objectives:

a) You can apply the methods set out in VDA Volume 5 in your own practice.
b) You can protect against the risks associated with measurement and inspection processes.
c) You know how to select the criteria for procuring your measuring and inspection equipment.
d) You can recognize and quantify the factors that affect the suitability of the inspection process.
e) You can document the suitability of the measuring system and the measuring process, and you know how to handle expanded measurement uncertainties at the limits of the specification.
f) You are able to to deal with non-capable measurement and inspection processes.
g) You can evaluate the suitability of attributive inspection processes.

3. Concept and Methods:

The training combines compact lectures, intensive group work and feedback from an experienced trainer. Special attention is paid to trying out and practicing the specific activities in inspection process management using practical examples.

4. Target Audience:

This training is aimed at:

a) Employees who plan and/or execute the measuring and inspection processes, and/or procure, calibrate or operate inspection equipment,
b) Employees working in product design and tolerance specification,
c) Employees at companies that produce measuring equipment and apparatus.

ID471

VDA 5 – Measurement and Inspection Processes. Capability, Planning, Management

5. Prerequisites for Attendance:

1) 1-3 years of professional experience in measurement technology and/or inspection equipment management - or comparable professional experience
2) Basic knowledge of statistics (e.g. Gaussian, normal distribution, Anova, etc.)
3) Basic knowledge of VDA 5, 2nd edition 2011

6. Certificate of Qualification:

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

7. Duration:

2 Days (16 hours).

8. Accompanying Material:

VDA Volume 5 (included in the fee for face-to-face training).

INFORMATION:

Jorge Zozaya
Sales Manager
jzozaya@qmc-training.com
Phone: +52 (449) 916 80 32 ext. 126
Mobile: +52 (449) 243 68 07

QMC MEX

www.qmcmex.com

QMC®
BEYOND QUALITY

QMC Training and Consulting Center
Lope de Vega #205 Col. Héroes
C.P. 20190
Aguascalientes Ags., México
Tel. +52 (449) 506 86 27

Oficina Central
Cristóbal Colón #441 Barrio El Encino
C.P. 20240
Aguascalientes Ags., México
Tel +52 (449) 916 80 32

Centro Logístico QMC
Circ. Aguascalientes Sur #115 E C.P. 20906
PIVA (Parque Industrial del Valle de Aguascalientes)
Aguascalientes Ags., México
Tel +52 (449) 973 43 17

VDA QMC
German Association of the Automotive Industry
Quality Management Center

AIAG
Automotive Industry Action Group

ISO 9001:2015