



QMC[®]
CONSULTING & TRAINING

VDA TRAINING

ID974

VDA 19.2 - Skilled Assistant for Technical Cleanliness

1. Background and Topics:

In order to ensure the technical function of modern motor vehicles, the cleanliness of installed systems and fluid circuits becomes increasingly important. The experience of recent years shows that the cleanliness of individual components is absolutely necessary, but in particular not sufficient to ensure the cleanliness quality.

After cleaning the individual parts, numerous influencing variables and processes can be the cause of re-contamination of parts or assemblies with function-critical particles. The identification and assessment of these cleanliness quality impairments as well as the selection of efficient and cost-effective preventive actions and counter-measures represents a comprehensive and responsible challenge.

2. Objectives:

The participants learn in 2 trainings days on the basis of cleanliness specifications to derive and evaluate measures in order to prevent re-contaminations. Through consideration of various effects from environment, logistics, personnel and assembly equipment, as well as methods for measuring cleanliness influences, the participants learn to approach the technical cleanliness independently and systematically to identify unreasonable cleanliness measures and to avoid unnecessary investments.

3. Target Audience:

Specialists and executives of the automotive and supplier industry who are responsible for the planning and optimization of technical cleanliness such as production schedulers, process owners, logistic operators, design and product engineers, quality managers or responsible persons who are in charge of customer supplier relationships.

4. Theoretical principles:

1. Introduction into Technical Cleanliness.
2. Design of cleanliness areas.
3. Packaging concepts and logistic processes.
Design principles for assembly equipment
4. and consideration of assembly processes.
Clothing concepts and personnel conduct.
5. Techniques and procedures for measuring
6. cleanliness influences.

5. Exercises and case examples:

After each theoretical lecture, a thematic linked case example is provided to encourage the participants to develop their own ideas and to strengthen their new knowledge.

Aim of the exercise is to sharpen the analytic view in order to identify weaknesses in the cleanliness chain and to derive consistent solutions.

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Every case example is processed by a group of 3-6 participants with an individual task. The results are presented afterwards among the groups und discussed together.

6. Test:

Knowledge test (multiple choice) with 20 questions.

7. Qualification certificate:

After passing the Knowledge test, the participants will receive a digital VDA certificate of qualification to become a »VDA 19.2 Skilled Assistant«.

8. Prerequisites for Attendance:

None.

9. Duration:

2 days (16 hours).

INFORMATION:

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VDA QMC
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Quality Management Center

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