

## TRAINING-ID: 2000-L4-02

### Pre- and Post-Processes - CQI-9 Application in Theory and Practice (1,5 days)

#### DESCRIPTION

The CQI-9 Heat Treat Systems Assessment is standardized in the automotive industry, published by AIAG (Automotive Industry Action Group), the North American association of leading automobile manufacturers. The CQI-9 is supposed to ensure a uniform quality standard in heat treatment.

In addition to a theoretical part in which the contents of the CQI-9 are conveyed, practical training, either directly at the furnace or in your own laboratory, is provided to specifically address the required periodic measurements (IT, SAT, TUS).

#### AUDIENCE

Engineers, technicians and front men from quality management, maintenance and production.

#### PREREQUISITES

Basic knowledge of heat treatment and, measurement technology.

#### BENEFITS

The overall performance and the variety of methods of the seminar are designed most helpful for efficient studying. You will get an introduction to the contents of the CQI-9, optimized execution of the measurements IT, SAT, TUS.

#### METHODS

Digicon Academy provides a focused, practically and economically oriented knowledge transfer in the form of seminar lectures and field tests on samples. The involved trainers are highly qualified and experienced key players.

#### CONTENT - THEORY & PRACTICE

- General information about the AIAG CQI-9
- Heat Treat Systems Assessment (a catalogue of audit questions)
- Content and application of the process tables
- Requirements for thermocouples
- Instrumentation requirements
- Instrument Test (IT)
- System Accuracy Test (SAT)
- Temperature Uniformity Survey (TUS)
- Application of the module SURVEYperfect (additional software module)

#### Summarization

- Summary of the training
- FAQ
- Feedback

