

Automotive industry – Problem solving

Specialist in Root Cause Analysis

Finding solutions to the challenges of a constantly changing world requires a lot of creativity, flexibility in thinking and quick adaptability to new situations. In this context and in the concrete case of quality management, the following questions naturally arise: how do we ensure the required quality of products and services? What are the costs of quality assurance and how do they correlate with keeping the total costs of organizations under control? What are the methods we have at hand to optimize processes and reduce these costs?

Objectives

- Understanding the causal link in nature: the cause-failure mode relationship (as a symptom of the cause)-defect;
- Understanding the transmission of errors in the supply chain of products and/ or services; the link between the cause-failure-defect relationship and the supply chain of products and/ or services;
- Understanding the different types of causes that appear in the causal chain;
- Learning practical ways to analyze and identify root causes;
- Understanding the role of risk analysis in solving problems and learning practical ways to do it;
- Understanding how to integrate risk analysis and problem solving methods into a system that ensures efficient process optimization;

Duration

- 3 days

Target group

- Employees from all hierarchical levels, with responsibilities in all

areas of activity of organizations;

- Any person interested in this topic;

Benefits

- The correct placement of cause-failure-defect relationship in the problem solving logic;
- Proper identification of the way in which errors are transmitted within the supply chain of products and/ or services;
- Proper and complete identification of all causes that can generate an error;
- Proper and efficient treatment of the occurrence of the causes of an error as well as effective ways to prevent their (re)occurrence;
- Proper and efficient application, in process optimization, of a problem solving system based on the preventive solutions provided by the risk analyzes;

Subjects

- History of quality management;
- Introduction on quality tools;
- The connection between the cause-failure mode-effect relationship and human logic;

- The transmission mode of an error within the supply chain of products and/ or services;
- Problem treatment methods;
- Problem prevention methods;
- Ways of applying a system based on risk analysis in process optimization and cost reduction;
- Examples and practical applications;

Form of evaluation

Written test: grid examination questionnaire.

The participants who pass the exam will be awarded with Certificates in English language by the Academy & Life Care TÜV Rheinland Romania.

Contact

TÜV Rheinland România
Academy & Life Care
academia@ro.tuv.com
Tel. +40 21 318-8834/35