



ONE DAY EXECUTIVE OVERVIEW PROGRAMME ON TS 16949:2002 STANDARD FOR AUTO & AUTO ANCILLARY INDUSTRIES

What TS16949 Programme Do In an Auto & Auto Ancillary Industry ?

- Helps to build in many bullet-proof prevention systems
- Provides a visa for getting an entry into any automobile industries
- Provides detailed overview for any auto and ancillary industry to take decision and appreciate the need for a Quality Management System
- Intends to cover the additional core processes to appreciate the benefits of adopting this standard
- Evaluates the benefits of upgrading the ISO 9000 quality management system

Workshop Insight into TS16949 Programme

The tide of Globalization has swept the Indian Industries, exposing them to tough international competition from the very best of Global Giants. Indian Industries are awakening to the fact that Customer satisfaction is the key determining factor for the profitability, growth and perpetuity of any business organization. Today, the Indian customer is extremely discerning and selective in choosing from the myriad products available in the market. In such a scenario, merely the quality of product /service is no more a Business winning criteria, but it is a prerequisite for survival This has resulted in adopting Quality as a business winning strategy, coupled with lean resources to control cost.

Automobile is the first man-made complex gadget that revolutionized the human civilization and accelerated the pace of economic growth worldwide. In all its complexities, it was a challenge for the human race to make this gadget, almost close to zero defects, though it is produced in millions. It is reported that TOYOTA produced their CORROLA car at 1.96 defects per million cars produced in North America last year. It is believed that 85% of the parts that makes a Toyota car are procured by outside vendors. In the last decade, India has witnessed an explosive invasion of world class automobile manufacturers demanding very high quality standards.

Such a high levels of defect-free output cannot be achieved unless quality management systems are more matured than being involved in mere inspection which detects a wrong product going to the customer. After all, inspection only adds to cost and not to the process improvements. Over the last 5 decades, all automobile giants from US were attempting to develop a comprehensive system that will prevent defects at the source rather than adopting the ineffective quality control methods based on mere inspection.

This effort was commenced when Ford developed a Q101 vendor quality assessment programme in early 80s for their vendors which matured as QS 9000 standard when Chrysler, Ford and General Motors jointly developed this standard. ISO 9000-2000 version brought a new dimension to the management system model in the form of process focused PDCA system. This has resulted in the birth of TS 16949 Sandard in 2002 which has combined all the clauses of ISO 9001-2000 along with the QS 9000 requirements.

Unlike ISO 9000 standard which is very generic in nature, TS 16949 standard is very specific to the auto and auto-ancillary requirements. It has powerful additional process requirements such as APQP, FMEA, Control plan, MSA, SPC and PPAP which helps to build in many bullet-proof prevention systems in the early stages of the product and process development. In addition to the advantage on cost and quality, TS 16949 provides a visa for getting an entry into any automobile industries.

The programme is intended to provide a detailed overview of the TS 16949 requirements for any auto and ancillary industry to take a decision to set up a system conforming to this standard. It also intends to cover the overview of the additional core processes to appreciate the benefits of adopting this standard.

Workshop Objectives

This programme is intended to take you through the TS 16949 standard along with its additional core processes such as APQP, FMEA, SPC, MSA and PPAP **

- To help auto and ancillary industries to understand and appreciate the need for a Quality Management System conforming to TS 16949 standard.
- To evaluate the benefits of upgrading the ISO 9000 quality management system to TS 16949

Programme Contents

- Evolution of concepts of Quality
- Reactive & Pro-active systems
- History of TS 16949 standard
- Principle difference between ISO 9001-2000 and TS 16949
- Walkthrough the clauses of the TS 16949
- Overview of APQP Advanced Product Quality Planning
- Overview of FMEA Product & Process
- Control Plans
- Overview of MSA Measurement System Analysis for Continuous & attribute data
- Overview of SPC Statistical Process Controls (process capability & control charts)
- Overview of PPAP Production Part Approval Process

** SSA also conducts detailed trainings for TS 16949 compliant tools as APQP, FMEA, Control Plan, SPC, PPAP, MSA

The programme is beneficial for

- Organizations already certified for ISO 9000 and looking for TS 16949 certification.
- Organizations already certified for QS 9000 and looking for up gradation to TS 16949.
- Organizations supplying components to automobile companies not directly since do not have TS 16949 certification.

Note: 1. No pre requisite knowledge is required.

2. Programme suitable for automobile component manufacturing or bulk material manufacturing that is used in the automobile.

Target Audience

- CEO's (Profit center heads).
- Senior Management.
- Quality Managers.
- Departmental Heads of Purchase, Admin, Finance.
- Management Representative.
- Improvement Managers.
- QA Professionals
- Consultants

We conduct 2 Days Internal Auditor's Training for TS 16949:2002 Standard.

For further details please contact:

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