

Introduction

The automotive industry has collaborated to produce a common set of requirements for quality management systems thus drawing to a close the use of various national specific requirements which suppliers to the industry have wrestled with for many years.

ISO/TS 16949:2002 embodies the generic requirements of ISO 9001:2000 thereby building on a model that is used by over 450,000 organizations worldwide. First tier suppliers to vehicle manufacturers will be required to achieve third party certification to ISO/TS 16949:2002. For other supplier levels, third party certification to ISO/TS 16949:2002 is required only when specified by the customer. Compliance with ISO/TS 16949 requirements will be cascaded down the supply chain with a minimum requirement for third party certification to ISO 9001:2000.

Unlike its predecessors, this new automotive technical specification focuses on the means employed to supply products and services that continually satisfy customer requirements and emphasises defect prevention and the reduction of variation and waste in the supply chain.

All suppliers of automotive customer specified parts and services will need to examine their business processes and establish that they are capable of not only meeting the requirements of ISO/TS 16949:2002 but also enabling the

organization to meet its own customer focused objectives. The ISO/TS 16949:2002 Gap Analysis has been developed to assist organizations in this task.

This publication will enable organizations to understand the differences between ISO/TS 16949:2002 and previous quality management system standards and specifications such as ISO/TS 16949:1999, QS-9000 Third Edition, VDA 6.1, EAQF'94 and AVSQ'94 as well as ISO 9001:1994. A detailed analysis of ISO/TS 16949:2002, ISO/TS 16949:1999 and ISO 9001:1994 identifies the changes and their implications thus enabling organizations to assess the scale of the transition that is to be made. Compliance tables are included covering all the requirements in ISO/TS 16949:2002 (including ISO 9001:2000) for use in conducting a gap analysis. The compliance tables are available in electronic form from the publishers on request.

Evolution of ISO/TS 16949

The automotive societies of the USA, UK, Italy, France and Germany formed a group in 1996 to develop an international automotive quality systems standard. The group called the International Automotive Task Force (IATF) has