



# IQCS CERTIFICATION

IRCA (UK) Approved Auditor Training Organization



## IRCA ISO / TS 16949:2002 AUDITOR/LEAD AUDITOR TRAINING FOR AUTOMOTIVE INDUSTRY (5 DAYS) IRCA Registration: A 18021

### OVERVIEW

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- The aim of the IRCA ISO/TS 16949:2002 Auditor/Lead Auditor course is to provide students with the knowledge and skills to audit quality management systems specifically for the internal audits (1st party) and supplier audits (2nd party) in the automotive industry, and in accordance with the requirements of ISO 19011
- Understanding and application of the Automotive Core Tools to meet ISO/TS 16949 requirements
- To provide confidence to purchasing organizations, regulatory authorities, accreditation bodies, certification bodies, business, and to stakeholders at large, that auditors certified to this program are competent.
- Successful completion of this course will satisfy the training requirements for IRCA certification to all grades of *QMS 2000 Auditor* (see IRCA/602)

#### Summary of Course Features:

- IRCA(UK) Approved Course
- “Knowledge-based training” with Comprehensive Course Notes & industrial examples
- “Accelerated Learning Methodology” with simulating and enriching workshops/case studies activities
- Award IRCA Certificate of Successful Completion and Attendance

### LEARNING OBJECTIVES

- Describe the purpose of a quality management system and explain the 8 principles of quality management
- Explain the purpose, content of ISO/TS 16949 (and its interrelationship with ISO 9000, ISO 9001, ISO 9004 and the ISO/TS 16949:2002 Implementation Guide), and its interrelationship with the Core Tools Reference Manuals (APQP/PPAP, FMEA, MSA, and SPC)
- Explain the role of an auditor to plan, conduct, report and follow up a quality management system audit in an automotive context and in accordance with ISO 19011
- Plan, conduct, report and follow up audit in accordance with ISO 19011 and by interpreting the requirements of ISO/TS16949:2002

## COURSE CONTENTS

- **Quality Evolution & Introduction to QMS.**
- **Interpretation of ISO 9001 & ISO/TS 16949 requirements & analysis of the difference between ISO 9001 & ISO/TS 16949 requirements**
- Explain the **benefits and values of documentation, circumstances of exclusion** of the ISO 9001 & ISO/TS 16949 requirements and the **Process-based Quality Management system Model** development & implementation
- **Understanding & appreciation of various TS tools namely:** APQP, PPAP, FMEA & Control Plan, SPC & MSA, Tooling Management Program, and Preventive & Predictive Maintenance.
- How to **plan and prepare** QMS audits based on the **“Process Approach”** including ability to develop and use Checklist and Matrix of Requirements and Process-based Audit Plan, using appropriate information gathered during the stage 1 audit.
- How to **Conduct, Report and Follow-up** QMS audits based on the **“Process Approach”** including various **Audit Methodology, Questioning Techniques, Roles and Responsibility** in order to collect and analyze evidence, exercise objectivity and make decisions on the significance of observation made in accordance to relevant audit criteria.
- The Psychology of Auditing, Auditor’s responsibilities and attributes
- The ISO 9001 & ISO/TS 16949 Assessment Process and IATF Certification Regulation
- **Continuous Assessment by means of Accelerated Learning Methodology & Examination to validate participants’ performance.**
- The benefits of certification as an IRCA QMS 2000 Auditor, including brief details of the IRCA QMS 2000 Auditor certification scheme (IRCA/602), and provide students with details of how to contact IRCA and apply for certification

**\*Note: Successful completion of course does not qualify participants to conduct 3rd party audit for ISO/TS 16949.**

## WHO SHOULD ATTEND

- Delegates who have experience working with a QMS in an automotive context (e.g QS 9000)
- Management Representatives and members of the Internal Audit Team who are responsible for the establishment, implementation and maintenance of the organization’s QMS as required by the Automotive industry.

## COURSE TUTORS

- IRCA Reg. Lead Auditor/Auditor and IQCS approved Lead Tutors/Tutors who are highly qualified professional graduates, experience in the automotive industry, field of QA, Environmental, OHS and familiar with local environment.

*“Discuss and explain the requirements of the ISO 9001 & ISO / TS 16949:2002 on a clause-by-clause basis, use industry illustration to enhance understanding of various core mechanisms/tools used in the ISO/TS model”*

*How to plan, prepare, conduct, report and follow-up QMS audits based on the “Process Approach” driving towards continual Improvement.*

## COURSE REGISTRATION DETAILS

- Duration : 5-Days Programme
- Dates : 23<sup>rd</sup> – 27<sup>th</sup> Aug 2004 (Mon – Fri)   
22<sup>nd</sup> – 26<sup>th</sup> Nov 2004 (Mon – Fri)
- Course Fee : S\$1,800.00 nett per pax  
**Note : 10-20 % Discount for group registration**  
(Inclusive of course materials, lunches and tea break refreshments)
- Venue : In-house Courses – venue to be determined by participating company  
Public Courses – Copthorne Orchid Hotel
- Class Size : max. 20 delegates per class (IRCA regulation)
- Payment terms: Prior to course commencement
- Cancellation : Written notice of cancellation should be received 10 working days prior to course commencement

## REGISTRATION FORM

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**Contact Person**

\_\_\_\_\_  
**Company**

\_\_\_\_\_  
**Address**

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\_\_\_\_\_  
**Phone**

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**Fax**

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**Email**

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**Name of Participants / Designations**

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**Note:**

Interested delegates need to have some understanding of the content, application and implementation of the ISO 9001 series of standard.

**For Official Use Only:**

Remarks :

Approved by :

Please fax this registration form to (65) 6 742 0138