COURSE TABLE OF CONTENTS

ISO 16949 Awareness

OEM: Koenig Original • Duration: 1 Day (8 hrs)

COURSE MODULES & TOPICS

Module 1: Introduction to Automotive Quality Standards

- History: QS-9000, ISO/TS 16949, IATF 16949:2016
- Role of the IATF and global certification rules
- High-Level Structure (Annex SL) and ISO 9001:2015 integration
- Seven Quality Management Principles overview

Module 2: Organizational Context and QMS Scope

- Determining internal and external organizational issues
- Identifying needs of customers, regulators, stakeholders
- Defining QMS scope for manufacturing, design, service
- Risk-based thinking and ISO 31000 principles

Module 3: Core Requirements of IATF 16949:2016

- Leadership, management responsibility, and product safety
- Planning, resource management, and documented information
- Product realization: safety, error-proofing, supplier control
- Production, standardized work, and process controls
- Control of nonconforming outputs and rework
- Performance evaluation: audits, customer satisfaction, review
- Improvement: nonconformity, corrective action, continual improvement

Module 4: Automotive Core Tools and Customer Requirements

- APQP: Advanced Product Quality Planning
- FMEA: Failure Mode and Effects Analysis
- PPAP: Production Part Approval Process
- SPC: Statistical Process Control
- MSA: Measurement Systems Analysis
- Integrating Customer-Specific Requirements (CSRs)

Module 5: Course Summary and Assessment

- Review of key takeaways
- Q&A and assessment

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