COURSE TABLE OF CONTENTS

Automotive Quality Management and Core Tools

OEM: Koenig Original • Duration: 3 Days (24 hrs)

COURSE MODULES & TOPICS

Module 1: Automotive Quality Management Systems

- Overview of IATF 16949:2016 requirements
- Automotive industry quality standards
- Customer-specific requirements
- Quality management system documentation

Module 2: Automotive Core Tools Overview

- Introduction to Automotive Core Tools
- Advanced Product Quality Planning (APQP)
- Control Plan fundamentals
- Production Part Approval Process (PPAP)
- Process Flow Diagram and its linkage

Module 3: FMEA and Risk Management

- Failure Mode and Effects Analysis (FMEA)
- AIAG-VDA FMEA methodology
- Linkage between PFMEA and Control Plan

Module 4: Measurement Systems Analysis (MSA)

- MSA concepts and applications
- Practical MSA in manufacturing

Module 5: Statistical Process Control (SPC)

- SPC principles and tools
- Practical SPC in manufacturing

Module 6: Case Studies and Best Practices

- Automotive quality management case studies
- Application of core tools in real scenarios

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