COURSE TABLE OF CONTENTS

Process Capability and Measurement Systems Analysis

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

COURSE MODULES & TOPICS

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- Quality Variation Concepts
- Process Stability Fundamentals

Module 2: Process Variation Analysis

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- Sources of Variation
- Variation Reduction Strategies

Module 3: Statistical Foundations

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- Central Limit Theorem
- Basic Probability Concepts

Module 4: Process Capability Indices

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- Cpk
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- Ppk
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Module 5: Capability Study Methodology

- Data Collection Planning
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- Non-Normal Capability Studies

Module 6: Introduction to Measurement Systems

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- AIAG MSA Overview

Module 7: Gauge Repeatability & Reproducibility

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Module 8: Advanced Measurement Systems Analysis

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Module 9: Sources of Measurement Error

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Module 12: Statistical Process Control Integration

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- Automotive Production Line Example