



Certified QC Tools Practitioner Training

Foundation to Expertise



About Unichrone

We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in India, USA, Canada, Australia, UK, Ireland and Germany.

Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option



We've trained professionals across global companies

PHILIPS



CLARIANT

Unichrone Training Advantages

- > **2 Day Instructor led Classroom Training**
- > **Six Sigma Master Black Belt & ISO 9001 Lead Auditor Certified Trainer**
- > **Copy of Course Material**
- > **Course Certificate will be offered**
- > **Interactive session with Case Studies**
- > **Course Material Prepared by Subject Matter Experts**
- > **Exam Fees included in the training fees**
- > **Post Training Assistance and Consulting**
- > **Training Sessions with customized dates and times to suit your requirements**



ELIGIBILITY CRITERIA

There is no prerequisite for this training .



WHO SHOULD ATTEND

Engineers / Professionals / Executives who want to understand Six Sigma as a management tool for process and performance improvement at their work place Managers, Project Leaders, Senior Engineers, Black Belt Candidates and anyone who desires an understanding of Six Sigma principles and skills.

Also production managers, front line supervisors, quality professionals, and individuals who are responsible for improving quality and processes at an enterprise or departmental level, including champions and process owners.



Training Agenda

Day 1

FMEA

1 Introduction to FMEA

1.1 What is FMEA?

1.2 Compare and contrast the different types FMEA

1.3 Types and selection of key quality characteristics for use in a FMEA Process

1.4 Linkages between DFMEA, PFMEA and Control Plan

2 Overview of steps in developing and applying a Process FMEA

MSA

1 Introduction to Measurement System

1.1 Metrology and Terminology

1.2 The Measurement Process and types of measurement errors

2 Variable Measurement System Study

2.1 Stability Study

2.2 Bias Study and Linearity Study

3 Variable Measurement System Study

3.1 Repeatability and Reproducibility Study

Training Agenda

Day 2

SPC

- 1 Basic Statistics for Quality Control, Assurance and Improvements
 - 1.1 Understanding Variation
 - 1.2 Population and Sample
 - 1.3 Measure of Location
 - 1.4 Measure of Dispersion
2. Statistics Process Control
 - 2.1 Fundamental and Concept
 - 2.2 Analysis and interpretation of Patterns (Trends) in Control Chart
 - 2.3 Steps in Control Chart Setup
 - 2.4 Types of Variable Control Charts
- 3 Process Capability
 - 3.1 Introduction to Process Capability and Benefits
 - 3.2 Steps involved in a capability study
 - 3.3 Interpreting Defective level from Process Capability

Training Agenda

Day 2

Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP)

APQP

- 1 Fundamentals of APQP
- 2 Plan and Define Phase
- 3 Product Design and Development Phase
- 4 Process Design and Development Phase
- 5 Product and Process Validation
- 6 Feedback, Assessment and Corrective Action
- 7 Control Plan and terminology

PPAP

- 1 Purpose and scope
- 2 Submission Requirements
- 3 Submission Levels Requirements
- 4 Approval Status and Record

Contact Us

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