

IATF 16949:2016 SPC Training

Overview

This course is design for the IATF 16949 practitioner that wish to increase their competence on implementation of IATF core tools of SPC

Course Objectives

- Understanding and implementation of SPC.
- Understanding the concept of variability, stability and capability

Course Content

Section 1 Understanding SPC concept

- History of SPC
- Concept of Variability and Normal Distribution
- Concept of stability
- Product specification and Capability process

Section 2 Variable Control Plan

- Development of Xbar R and X bar S and X IMR
- Sampling approach
- Computer solution for SPC (Minitab or similar application)
- Exercise on SPC implementation
- Analysis non normal pattern

Section 3 Attribute Control Plan

- Introduction to Defect and defective product concept
- Introduction to Poisson and Binomial Distribution

- Development U, C, P and NP chart
- Sampling approach
- Computer solution for SPC (Minitab or similar application)
- Exercise on SPC implementation
- Analysis non normal pattern

Section 4 Capability Analysis

- Understand the concept of specification and process distribution.
- Capability analysis calculation
- Capability analysis result

Duration

This training is 1 day training