

IATF 16949:2016 Core Tools Training

Overview

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

Course Objectives

- Understanding project planning and advance product quality planning (APQP) and PPAP.
- Understanding Design FMEA and Process FMEA .
- Understanding implementation of Control Plan.
- Understanding and implementation of SPC.
- Understanding and Implementation of MSA.

Course Content

Section 1 APQP and PPAP

- Introduction to APQP
- APQP Timing plan
- APQP requirement on Product design
- APQP requirement on Process design
- Pre launch
- Launch
- PPAP

Section 2 FMEA

- Introduction to Design FMEA
- Understanding of Severity, Occurrence and Detection in DFMEA
- Introduction to Process FMEA

- Understanding of Severity, Occurrence and Detection in PFMEA
- RPN calculation and prioritized action taken

Section 3 Control Plan

- Control plan concept
- Implementation of Control plan in any type of production process

Section 4 SPC

- Understanding SPC concept
- Understanding the concept of Variability, Stability and Capability
- Understanding of control chart for variable data, Xbar R, Xbar S and X MR
- Understanding control chart for attribute data P, NP, C and U chart
- Capability analysis

Section 5 Measurement System Analysis

- Concept of measurement variability :repeatability and reproducibility
- MSA for Variable data, long method and ANOVA
- MSA for Attribute data, attribute agreement analysis
- Analysis of MSA result

Duration

This training is 5 days training

Who Should Attend

Supervisor, Manager and Director who wish to implement IATF and Core tools in the organization