

Overview of the New 1st Edition Control Plan



Course Duration: 2 Days - 8 Hours/day

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Overview of the New 1st Edition Control Plan

Course Duration: 2 Days

Seminar Content

- ❖ The course will focus on the development, implementation and improvement of Control Plans according to the Control Plan 1st Edition Reference Manual. The second day will identify all the concepts and best practices which were retained in the 1st Edition as well as expanded strategies and added concepts and best practices.

Who Should Attend

- ❖ Program Managers
- ❖ Design, Quality, and Manufacturing Engineers
- ❖ Persons who have direct responsibility for preparation, assembly or review of PPAP components or packages
- ❖ Auditors and those responsible for subcontractor PPAP documentation

Recommended Training and/or Experience

Participants should possess a general knowledge of quality systems and have experience with APQP and Control Plans.

Seminar Materials

Each participant will receive a seminar manual that includes breakout exercises.

Seminar Goals (Control Plan)

- ❖ Be able to develop Control Plans in each phase (Prototype, Pre-launch, Safe Launch, Production) efficiently and effectively
- ❖ Describe the minimum information that should be entered in the Control Plan
- ❖ Utilize information gathered from implementing APQP and completing a Process FMEA to construct a Control Plan
- ❖ Identify and address changes that occur during and after development
- ❖ Utilize forms and checklists
 - Control Plan Checklist
 - Special Characteristic Worksheet
- ❖ Apply proven techniques for the effective use of Control Plans

Seminar Goals (Control Plan) (Cont'd)

- Reverse PFMEA
- Using software to develop and manage Control Plans
- Layered Process Audits (LPA)
- Using Family and Foundation FMEAs
- Control Plans in highly automated processes
- Reaction Plans and CAPA
- Control of storage and handling related risks
- Management of abnormalities in relation to Control Plan

Seminar Outline – Control Plan

- ❖ Fundamentals of Control Plan Development and Implementation
 - Definitions, Concepts and Key Linkages to APQP and FMEA
 - Using Family and Foundation FMEAs
 - How to Handle Directed Supply
 - Process Owners for APQP and Control Plans
- ❖ Control Plan Information Development
 - Using Software to Develop and Manage Control Plans
 - Rework and Repair Control Plans
 - Control Plans and Bi-directional Traceability
 - Pass-through Characteristics
 - 9 or 10 Rating in the FMEA as Critical Characteristics
- ❖ Control Plan Phases (Prototype, Pre-launch, Safe Launch, Production)
- ❖ Effective Use of Control Plans
 - Reverse PFMEA
 - Layered Process Audits (LPA)
 - Control Plans in Highly Automated Processes
 - Reaction Plans and CAPA
 - Control of Storage and Handling Related Risks
 - Management of Abnormalities in Relation to Control Plan

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