

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

### Course Description

APQP introduces a five stage product quality planning process supported by the "Plan-Do-Check-Act" cycle. This course teaches the skills required to implement the APQP process, develop control plans and complete the Production Part Approval Process (PPAP) efficiently and effectively within your organization.

### Learning Objectives

Through presentation, exercises and workshops, attendees will gain a working knowledge and practical experience in the following topics:

#### APQP

- Program Definition and Planning
  - Identification of customers and their needs and expectations.
  - Developing the product quality plan.
- Product Design and Development
  - Development of design features and characteristics.
  - Reviewing engineering and other technical requirements.
  - Preliminary manufacturing feasibility analysis.
- Process Design and Development
  - Major features in developing an effective manufacturing system.
- Product and Process Validation
  - Major features of evaluating the manufacturing process.
  - Significant production run.
- Feedback Assessment and Corrective Action
  - Evaluating the effectiveness of the quality planning effort.
- Control Plan Methodology

#### PPAP

- Scope, Definition and Purpose
- When Submission is Required
- Submission Levels and Requirements
- Process Requirements
- Customer Specific Requirements

### Who Should Attend

Quality Managers, Quality Team Leaders, and individuals / team members wanting a better understanding of the quality planning process.

### Location

On-Site

### Duration

1 Day (8 Hours)

#### Cancellation Policy

An administration fee will be charged for cancellations less than 14 days prior to the course date. Substitutions will be permitted at any time. Course transfers may be made without penalty. The BRC reserves the right to cancel any seminar and will, in such event, fully refund all registration fees. No liability is assumed by the organizers for changes in seminar dates, content, speakers or venue.