

APQP (AIAG)
Advanced Product Quality Planning
– a 1-day Workshop



Course ID: P2160

GENERAL DESCRIPTION:

This one-day course provides an in-depth understanding of the Advanced Product Quality Planning (APQP) process. It also addresses how each of the other supporting methodologies (MSA, PPAP, SPC and FMEA) relate to each other in order to bring new products from concept through design, prototype, pre-launch and finally to approved mass production. Participants will learn how to comply with the APQP/PPAP requirements of ISO/TS-16949 and how to minimize in-house documentation by integrating the reference manuals into system-level procedures. This will result in an ability to develop an effective APQP process in their own plants leading to successful PPAPs with customers using the Five Pillar AIAG Reference Manuals as a guide and resource.

CONTENT OVERVIEW:

- APQP- This course is focused on a detailed presentation and discussion of the Advanced Product Quality Planning Process. The objective is to give each participant a deep appreciation for the language and content of the AIAG APQP Reference Manual.
- We will also discuss what the various supporting methodologies are and how they fit into the Advanced Product Quality Planning process. Participants will achieve an overview understanding of the thrust and application of:
 - Measurement Systems Analysis - MSA
 - Statistical Process Control - SPC
 - Failure modes Effects Analysis - FMEA
 - Control Plans - CP
 - Production Part Approved Process - PPAP

APQP (AIAG)
Advanced Product Quality Planning
– a 1-day Workshop



DURATION/SCHEDULE:

- 1 day of instruction, discussion, and assignments/workshops
- Classroom hours are typically 8:00 a.m. - 12:00 p.m. and 1:00 p.m. - 5:00 p.m.

STUDENT MATERIALS:

- AIAG Reference Manual: Advanced Product Quality Planning
- Student workbook
- Additional handouts as appropriate