

APQP (2-day)
Advance Product Quality Planning
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Who should attend this training?

The design of this two day seminar, based on the AIAG manual, focuses on the Quality Professional, Quality or Business Manager, Quality Technician, or others involved in the APQP process. This course reviews the intent, requirements, and content of Advanced Product Quality Planning and the methods, techniques and skills needed to complete this process effectively and efficiently.

The participants will learn from lecture, discussion, and participation. The course and materials give the student skill, insight and confidence in correct efficient methods for completion of the APQP process and the required support activities and documentation.

The two (2) day course does not have any prerequisite assigned. The participant will learn some of the detail requirements of Process & Design FMEA, MSA, PPAP and an overview of Process Capability Study requirements, i.e. CPk/PPk.

Course Content;

- 1) The requirements and methods of addressing the APQP process,
 - Overview and Exercise of Process and Design FMEAs
 - Overview of PPAP Process
 - Overview of MSA
 - Overview of SPC and Process Capability study methods and procedures
 - Requirements of all 5 Phases of APQP
 - 2) The need for a comprehensive and structured approach of this process and,
 - 3) The documentation of the entire process.
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Course Material “Table of Contents”;

Section I – Introduction

Section II – Fundamentals of Product Quality Planning

Section III – APQP Chapter one

Plan and Define Program

Section IV – APQP Chapter Two

Product Design and Development

Section V – APQP Chapter Three

Process Design and Development

Section VI – APQP Chapter Four

Product and Process Validation

Section VII – APQP Chapter Five

Feedback, Assessment and Corrective Action

Section VIII – APQP Team Implementation

Appendix –

Manuals and/or Standards covered;
AIAG APQP Manual 2nd Edition

Materials Provided;

MBC, Inc. Participant Manual
AIAG APQP Manual 2nd Edition
Exercise Material

Management Overview Availability;

This material may also be adjusted as a ½ day Management Overview.
This provides insightful information to top and mid-level managers.

Enhancing Managers Understanding of the;

- 1) **Resource needs**, (people, information, time)
 - 2) **Timing**, (when is the best time to implement APQP)
 - 3) **Use**, and (how does APQP become "Value-Added")
 - 4) **Benefits**, (what is the "Return-on-Investment")
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