



## APQP, CP AND PPAP TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

**Course Title:** APQP, CP and PPAP Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

**INTRODUCTION** This training provides participants with a practical understanding of APQP, Control Plan and PPAP, focusing on how these core quality planning tools are used to ensure product reliability, process capability and readiness for mass production. Participants will learn how to develop APQP documentation, create effective Control Plans, analyse process risks, prepare PPAP requirements and meet customer-specific expectations through structured, hands-on exercises and real-case applications.

**OBJECTIVE(S):**

- Understand APQP phases and documentation requirements.
- Develop flow diagrams, PFMEA and Control Plans.
- Understand PPAP submission levels and required evidence.
- Analyse process risks and preventive controls.
- Strengthen product and process quality during development.
- Prepare complete and compliant PPAP packages.
- Support continual improvement and customer approval readiness.

**TARGET GROUP(S):**

- Quality engineers and managers
- Production and process engineers
- Manufacturing supervisors and technical staff
- Supplier quality and procurement teams
- Product development and R&D teams
- Automotive and manufacturing industry personnel

**ENTRY REQUIREMENT(S):**

- Able to read, write and communicate verbally in Malay/English

**TOPIC(S):**

- 1.Introduction to APQP, Control Plan and PPAP
- 2.APQP Phases 1–2: Planning and Product Design
- 3.APQP Phases 3–4: Process Design, PFMEA and Control Plan Development
- 4.APQP Phase 5: Feedback, Assessment and Corrective Actions
- 5.PPAP Requirements, Submission Levels and Documentation
- 6.Dimensional Results, MSA and Capability Studies
- 7.Customer-Specific Requirements
- 8.Implementation, Monitoring and Continuous Improvement

**LIST OF REFERENCE BOOK(S):**

- AIAG APQP and Control Plan Manual
- AIAG PPAP Manual
- PFMEA, MSA and SPC references

**LIST OF TEACHING AID(S):**

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- APQP, PFMEA, CP and PPAP templates

**METHODOLOGY(S):**

- Lecture
- Case studies
- Group discussions
- Hands-on documentation workshops
- Practical exercises

## TRAINING SCHEDULE

### Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Introduction to APQP, CP and PPAP
10:15 am – 10:30 am	<b>Morning Tea Break</b>
10:30 am – 12:30 pm	Topic 2: APQP Phases 1–2 for Planning and Product Design
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 3: APQP Phases 3–4 for Process Design, PFMEA and Control Plan
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Topic 4: APQP Phase 5 for Feedback and Corrective Actions

## TRAINING SCHEDULE

### Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 5: PPAP Requirements and Submission Levels
10:15 am – 10:30 am	<b>Morning Tea Break</b>
10:30 am – 12:30 pm	Topic 6: Dimensional Results, MSA and Capability Studies
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 7: Customer-Specific Requirements and Best Practices
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Topic 8: Implementation Strategies and Continuous Improvement