

## INTRODUCTION

New Product Development assumes lot of significance and has become very much essential for sustaining business growth of industries. However often many costly mistakes and time delays happen in the new development of Products / Parts as well as processes. APQP mitigates such risks by following a systematic approach & upfront actions to ensure first time right from the beginning. All OEMs now mandate the use of APQP as this system helps in the development of products/processes faster well in time, defect-free, and within budget.

PPAP is part of the APQP process and documents a series of agreements between the supplier and customer to ensure timely development and consistent quality supplies as per customer requirements. It is the successful culmination of the APQP process wherein Customer approval is obtained for going into mass production of a new product, or after product or process change.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing an online training on Fundamentals of **Advanced Product Quality Planning (APQP) & Production Part Approval Process (PPAP)**.

This program will help in achieving **"First Time Right"** development of parts resulting in consistent Quality, saving in time and cost as well as enhanced customer satisfaction.

## FOCUS AREAS

- Brief Introduction of APQP methodology for development of Products & Parts
- PDCA cycle in APQP
- Fundamentals of APQP
- Plan and Define Program
- Product Design and Development
- Process Design and Development
- Product and Process Validation
- Control Plan Methodology
- Overview of PPAP
- Importance of PPAP & when to do ?
- PPAP requirement details
- Levels of submission & Customer approval
- Exercises on making sample APQP/ PPAP document

## KEY TAKE AWAYS

After undergoing the programme, the participants will be able to get -

1. Good understanding of the APQP & PPAP system.
2. Insights into metrics at each phase on new product development.
3. Understanding key inputs and deliverable at each stage of the APQP system.
4. Eliminate mistakes, reduce development time & costs thus achieving better customer satisfaction.
5. Good understanding on PPAP implementation for systematic validation of parts & process.
6. How to ensure ongoing consistent Quality of supplies by using PPAP Methodology.

## PARTICIPATION FEE

**Rs. 9500/-**  
+18% GST

**IMTMA Members/ Micro Companies/ Individuals/  
Educational Institutions / Students/ IMTMA Non  
Members/ Others**

**USD 380/-**  
**Overseas Participants**

**Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company**

## PARTICIPANT PROFILE

This programme will benefit Product& Process Engineers / Senior and middle Managers, Project Engineers / Senior and middle Managers,Business Development Senior and middle Managers, Manufacturing and Quality Personnel at all levels, Purchase & supply chain Personnel at all levels from OEMs and Auto Component Manufacturers.

## FACULTY

This Program will be conducted by **Mr. B S Mohan**.

**Mr B.S Mohan**, an engineer by profession, was associated with Bosch for over 27 years, as part of the quality department responsible for introduction, sustenance of Quality standards and quality tools in all Bosch plants across India. Prior to that, he was responsible for engineering and manufacturing gear pumps, process planning of elements, machine planning & procurement, New project coordination and Project management for electric power tools. In his last assignment at Bosch, he was the Quality head of the Automotive Electronics Plant at Bangalore.

He has earlier worked with Tata Motors for over 6 years and was responsible for Process planning of transmission components & assembly and Process planning of dies, jigs and fixtures.

He currently provides training on various quality aspects such as VDA 6.3, Systems audits as per IATF 16949, 8D problem solving, FMEA, SPC, MSA, Basic quality tools, Tooling management, APQP, PPAP and Project management.

### For Registration Contact

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