

## Advance Product Quality Planning and Production Part Approval Process

1. APQP basics
2. APQP requirements referring to IATF 16949:2016
3. Identification of customer needs and requirements
4. Identification, implementation and maintaining of customer specific requirement
5. Documentation requirement
  - a) CAD data
  - b) Feasibility
  - c) Drawings, Measurement Concepts,
  - d) Packaging (development)
  - e) Materials
  - f) Tools and Measurements, MSA
  - g) Special characteristics,
  - h) Flow Chart, FMEA and Control Plans,
  - i) Capability Study,
  - j) Production Approval,
  - k) Preparation of samples for approval,
  - l) R & R.
6. APQP Tools
7. APQP Lifetime - design, development, product and process validation; Corrective Action
8. APQP (Flow chart, PFMEA and Control Plan)
9. Critical characteristics
10. How to prepare an optimal APQP implementation plan for your company
11. PPAP:
  - a) Application, requirements and levels of the PPAP process

- b) PPAP connection with APQP cycle
- c) PPAP in the context of IATF 16949: 2016
- d) Levels and status of PSW transmission
- e) Filling out typical forms
- f) Customization (specific customer requirements)
- g) Notify customer about changes
- h) Practical exercises based on real examples

**Participant will learn:**

- understanding the requirements of APQP according IATF 16949: 2016
- all the aspects of project management in the automotive industry
- understanding the needs to create a project management standard in your organization
- the benefits of advanced product quality planning

**Benefits for the company:**

- optimization of launch plan for new projects;
- familiarization with the required techniques and tools

**Duration:**

- 2 days (each 7 hours)