

FCA Process Audit: workshops and requirements interpretation

Training agenda:

1. Introduction

- a) History
- b) PPA to PPAP transmission
- c) Goal

2. FCA Process Audit:

- a) Phases of audit performing
- b) Scoring
- c) Timing and Milestones

3. Comprehensive overview of audit requirements

Specifying how to evaluate each audit point in the commissioning phase from sourcing to Verification Process (VP) phase using Advance Quality Planning (ex-PPR) and from VP to current production using PPAP audit as process audit. In order to consolidate the participants knowledge of each section (1-17), the practical part will be presented in the form of cases simulating open points from the AQP and PPAP Process Audit.

- Section 1 – Design records – 12 requirements
- Section 2 – Engineering changes – 2 requirements
- Section 3 – Customer Engineering Approval – 5 requirements
- Section 4 – DFMEA – 3 requirements
- Section 5 – Process Flow – 8 requirements
- Section 6 – PFMEA – 14 requirements
- Section 7 – Control Plan – 42 requirements
- Section 8 – Measurement System Analysis (MSA) – 9 requirements

- Section 9 – Dimensional records – 7 requirements
- Section 10 – Material Performance – 5 requirements
- Section 11 – Initial Process Studies – 5 requirements
- Section 12 – Qualified Laboratory Documents – 2 requirements
- Section 13 – ATAR – 5 requirements applicable only for NAFTA
- Section 14 – Sample Product – 1 requirement
- Section 15 – Master Sample – 7 requirements
- Section 16 – Checking Aids – 8 requirements
- Section 17 – Compliance & Customer Specs – 95 requirements

4. Case studies

5) PPAP performed as Advance Quality Planning:

- AQP Meetings
- Process Audit
- Plant Evaluation (ex-Benestare)
- Safe Launch Plan (ex-Strengthened Control Plan)
- Supplier PV tests (ex-Autoqualification)

Participant will learn:

- Correct interpretation of PPAP audit requirements during AQP and PPAP process audits,
- Which FCA / AIAG / ISO standards are the reference documents during AQP and PPAP audit performing
- What documents are needed to be obtained by the supplier's manufacturing plant from the engineering organization to optimize the manufacturing process requirements in the final production location and the manufactured product,
- Understand the relationships among individuals within the FCA structures that will help improve communication between the organization and the final customer,

Benefits for the company

Practical knowledge of customer requirements for Process Planning and Audit, which will have a positive impact on:

- long term relationship building with FCA SQE as well as customer service department.
- Improve communication between supplier and customer engineering
- Shorten the time of obtaining the full product qualification (SPV, EPV) and manufacturing process (PPAP audit)

Dates of training:

15-16.10.2020 – Brno (Czech Republic)

Price:

- 790 EUR/participant

In case of 2 or more participants from the same plant offer **10% discount** on the second and all other participants.

The invoice due date will be 30 days from the invoice issue date. The invoices for the services will be issued after the service delivery.

Price include:

- Training participation
- Lunch and catering
- Training materials
- Certificate
- Coffee buffet
- 12 months consulting for participants

Price is not including accommodation.

Duration:

- 2 days (each 7,5 hours)