

VDA 2- Production Process & Product Approval (PPA)

- Familiarise with the procedure for the release of products and their associated production processes within the scope of organisational responsibility.
- Be able to plan and coordinate the PPA process and integrate it into the product engineering process.
- Familiarise with the triggers for a PPA process as well as the evidence for internal and external release.
- Be able to apply the PPA standard correctly.
- Be able to apply the PPA process for software as a product and/or as part of the product.

Course outline

Day 1: Introduction to VDA Volume 2 and the PPA Process

Session 1: Fundamentals of VDA Volume 2

- Overview of VDA Volume 2 and its role in automotive supply chain management
- Purpose and objectives of Production Process & Product Approval (PPA)
- Comparison of PPA (VDA 2) vs. PPAP (IATF 16949)
- Customer expectations and supplier responsibilities
- Session 2: Key Requirements for Serial Parts Submission
- Approval process for serial parts
- Understanding customer-specific requirements
- Standard documentation for submission
- Activities:
- Case study on supplier quality expectations
- Group discussion: Differences between PPA and PPAP

Day 2: Detailed Breakdown of the PPA Process

Session 1: PPA Process Step-by-Step

- Structure and key phases of PPA
- Standard templates used in the PPA process
- Sampling requirements and submission levels
- Session 2: Handling Deviations and Customer-Specific Requirements

- Managing deviations and special approvals
- Role of risk assessment in PPA
- Supplier responsibility in corrective actions
- Activities:
- Hands-on practice with PPA templates
- Interactive case study: Analyzing a PPA approval scenario

Day 3: Implementation and Best Practices

Session 1: Ensuring Compliance in the PPA Process

- Role of suppliers and customers in parts approval
- Key factors for a successful PPA submission
- Best practices for documentation and traceability
- Session 2: Risk-Based Approach in Parts Approval
- Identifying and mitigating risks in the approval process
- Lessons from past PPA submission failures
- Activities:
- Case study on failed PPA submissions and corrective actions
- Risk assessment exercise for PPA compliance

Day 4: Practical Application and Final Assessment

Session 1: Real-World PPA Submission Simulation

- Reviewing and evaluating real-world PPA examples
- Completing a PPA submission using standard templates
- Session 2: Final Review, Discussion, and Q&A
- Common challenges in PPA and how to overcome them
- Q&A session with industry-specific scenarios
- Final assessment and participant feedback
- Final Activity:
- Hands-on group exercise: Submitting a sample PPA request