

Production Part Approval Process (PPAP)

Purpose: A PPAP is a standardized format to communicate and document part specification and approval requirements. It helps determine if the manufacturing process is capable of consistently producing parts that meet the required specifications in a production setting.

Specific PPAP requirements are described in more detail in the Automotive Industry Action Group (AIAG) Production Part Approval Process, PPAP Guide. Below is a summary of our standard PPAP submission. PPAP's can be tailored to fit specific customer requirements.

PPAP activities generally include documentation including:

1. Design Record (Generally Part Print)
2. Process Flow Diagram
3. Process Failure Mode and Effects Analysis
4. Control Plan
5. Gage R&R of CTQ's
6. Dimensional report of CTQ's
7. Material Certification
8. Capability Analysis of CTQ's
9. ISO 9001 Certificate
10. Sample Parts
11. Part Submission Warrant
12. IMDS