

Reell Policy for AIAG PPAP* Requests

** Automotive Industries Action Group Production Part Approval Process*

Summary



- **Quality Data Supplied for Custom Developed Products**
 - Reell will provide a full AIAG PPAP Level 3 for custom developed products
- **Quality Data Supplied for Standard Catalog Products**
 - Reell will provide all appropriate quality data for parts which are already in production
- **Why Reell does not offer a full Level 3 PPAP for Standard Catalog Products**

AIAG PPAP Level 3 Submission For Custom Products



1. Design Record (drawing)
2. Authorized Engineering Change documents
3. Customer Engineering Approval
4. Design FMEA (Reell Confidential)
5. Process Flow Diagram(s) (PFD)
6. Process FMEA (Cover page summarizing approval status & RPN's – detail is Reell confidential and available for on-site review with signed NDA)
7. Control Plan
8. Measurement System Analysis (MSA) – such as Gage R&R
9. Dimensional Results (3 pc. FAI)
10. Records of Material/Performance Test Results (Fitness for use by customer)
11. Initial Process Studies
12. Qualified Laboratory Documentation (if tests done by 3rd party)
13. Appearance Approval Report (AAR) (if cosmetics are specified)
14. Sample Production Parts – if requested
15. Master Sample
16. Checking Aids – fit gages/measurement aids - Reell and customer approved
17. Customer – Specific Requirements
18. Part Submission Warrant (PSW)

Supplied Quality Data for Standard Products

Items in bold are supplied, grayed items shown for comparison.



1. **Design Record (Sales drawing)**
2. Authorized Engineering Change documents (N/A)
3. Customer Engineering Approval (N/A)
4. Design FMEA (Reell Confidential)
5. **Process Flow Diagram(s) (PFD)**
6. **Process FMEA (Cover page summarizing approval status & RPN's – detail available for on-site review with signed NDA)**
7. **Control Plan**
8. Measurement System Analysis (MSA) – such as Gage R&R
9. **Dimensional Results (3 pc. FAI)**
10. **Records of Material/Performance Test Results (Material and life test results) (Fitness for use by customer)**
11. Initial Process Studies
12. Qualified Laboratory Documentation (if tests done by 3rd party)
13. Appearance Approval Report (AAR) (if cosmetics are specified)
14. **Sample Production Parts – if requested**
15. Master Sample
16. Checking Aids – fit gages/measurement aids - Reell and customer approved
17. Customer – Specific Requirements
18. **Part Submission Warrant (Reell PSW for Standard Catalog Products)**

Why Reell Does Not Offer A Full Level 3 PPAP For Standard Products



- PPAP assumes the customer has product design control. Since Standard Products are sold to many customers, no one customer can have design control. If a customer requires design control Reell would have to develop a custom product.
- PPAP documents the steps taken to develop a new product to a specification and insures the production process works. Since Standard Products are already in production many of the documents for PPAP are not necessary.
- While Reell reserves the right to change specifications or supply chain on catalog products to improve or maintain performance and costs, Reell will review all changes to Fit, Form or Function and inform customers of those changes via our Standard Product Change Notification process.
- If customer requirements for PPAP or Change Notification go beyond what is supplied with a Standard Product, it may be possible to develop a Custom Product. Custom Products will be priced accordingly, and will likely include tooling costs.