

Production Part Approval Process (Parker Aero Specific)

**Upon invocation of this clause, Supplier shall abide by following Century Fastener's Terms and Conditions on delegation from Parker Aerospace's behalf.*

When required by the Century contract, the Supplier shall submit a more comprehensive Production Part Approval Process (PPAP) qualification package.

PPAP shall be in accordance with AS 9145. Unless otherwise specified, Level 3 shall apply. PPAP submittals may be managed by the Parker Aerospace Enovia PPAP Management System.

The following, including sections A-H below, applies to Non-Aerospace Suppliers only:

The Supplier is responsible for obtaining the latest revision of the applicable AIAG core tool reference manuals and forms (see Applicable Documents section for where these references may be obtained).

The AIAG Core Tools Manuals are:

- Advanced Product Quality Planning (APQP) and Control Plan
- Production Part Approval Process (PPAP)
- Potential Failure Mode and Effects Analysis (FMEA)
- Measurement Systems Analysis(MSA)
- Statistical Process Control(SPC)

When PPAP is specified on the contract, the Supplier shall submit a "Level 3" PPAP package to the Century Buyer unless otherwise directed on the purchase order. See AIAG PPAP Manual, Table 4.2, for complete list of submission requirements for each level of PPAP. Also, see AIAG APQP Manual for related guidance on associated product and process design and development methodology and techniques. Please reach out to your Century Buyer to obtain any needed information.

The supplier shall review and update, as necessary, all applicable items in the PPAP file to reflect the production process, regardless of whether or not the Parker specified PPAP Level requires the item to be submitted. Century Fasteners/Parker Aero can request to review the documentation at any time.

A. Design Record, Change Documents, and Customer Approval

The Supplier shall have the design record for the saleable product/part and components; any authorized engineering change documents for those changes not yet recorded in the design record but incorporated in the product, part or tooling; and evidence of Parker engineering approval. See AIAG PPAP Manual. If in need of manual please reach out to Century Buyer.

B. Process Flow Diagram

The Supplier shall have a visual diagram of the proposed or current process. This diagram shall clearly describe the production process steps and sequence, and meet the specified Parker needs, requirements and expectations. See AIAG PPAP Manual. If in need of manual please reach out to Century Buyer.

C. Failure Mode and Effects Analysis

Suppliers with product design responsibility shall develop a Design FMEA in accordance with, and compliant to, Parker-specified requirements. A single Design FMEA may be applied to a family of similar parts or materials upon approval by Century Fasteners/Parker Aero.

Suppliers shall develop a Process FMEA in accordance with, and compliant to, Parker-specified requirements. A single Process FMEA may be applied to a process manufacturing a family of similar parts or materials if reviewed for commonality by the Supplier and if approved by the Century purchasing on behalf of Parker Aero. See AIAG FMEA Manual. If in need of manual please reach out to Century Buyer.