

Purchased Product Inspection Requirements

June 29, 2005

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Purpose

Conduct "First Article" inspection and planned inspections of components, assemblies and processes as judged necessary in time to determine that the products do meet the Quality and Engineering requirements of the purchase order.

First Article Inspection Required

1. Evidence of First Article, along with all material and process certifications, are required on the first production parts.
2. Delta FAIR is required to document changes resulting from a drawing revision, tooling change, production location change, or in activity of producing a part of 2 years or more.
3. Such documented First Article Inspection Report (FAIR) shall include:
 - a) Conformance of each item of the bill of material with attached FAIR for each.
 - b) On each FAIR, conformance to the respective raw material by material certification (by heat number, test report number or other suitable means).
 - c) Conformance to specified processes by process certification.
 - d) A complete listing of each specified dimension, allowable tolerance and a separate column for recording the actual condition for each.
 - e) Conformance to each note listed on the drawing.

Inspection Required

1. Evidence of inspection to assure continued adherence to applicable drawings and specifications. Complete results of the inspection for production parts shall be recorded and include (as required by engineering drawing):
 - a. Dimensional verification of product to drawing.
 - b. Material conformance by material certificate.
 - c. Process conformance by process certificate.
 - d. Functional test acceptance by test report.
2. Components or assemblies shall be inspected by a statistical quality control plan based on C=0 or 100 percent.
3. Material, process or functional test reports shall be checked 100 percent against the purchase order requirements.

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Shipments to include:

- Certificate of Conformance (C of C)
- FAI report or Delta FAI report when required
- Inspection record
- Material certificates
- Process certificates
- Test reports (i.e. ATP results) as applicable

Records

Quality control records shall be maintained on file and available to Monogram representatives. The supplier shall retain such records for a period of seven (7) years.