

**III-02 PART INSPECTION STANDARD**

**Purpose**

To create a document consisting of part critical characteristics, their acceptance criteria, method for inspection, and frequency the supplier must monitor and control the part.

**Supplier Responsibilities**

**General Requirements**

1. The supplier will receive a PPAP Notification from the ADVICS Manufacturing Plant Quality Engineering Department including requirements necessary for supplier to develop the Part Inspection Standard (III-02-F02).
2. When required, Inspection Standards must be developed for each part number unless waived by ADVICS Manufacturing Plant Quality Engineering personnel.
4. Submit the Inspection Standard (III-02-F02) to the ADVICS Manufacturing Plant Quality Engineering Department for review and approval no later than your PPAP submission/approval process.
5. Once approved, the “submitted” Inspection Standard formally becomes the Inspection Standard. A signed/approved PPAP and/or a signed Inspection Standard constitutes an approved inspection standard.
6. The Part Inspection Standard (I/S) cannot conflict with the drawing specification; it only clarifies/enhances the quality assurance requirements.
7. The part inspection standard, at a minimum, must define the following items:
  - Datum Structure
  - Dimension and Tolerance<sup>1</sup>
  - Performance
  - Weight
  - Material
  - Appearance
  - Function
  - Color
  - Special Inspection Items<sup>2</sup>
  - Identification Method
- <sup>1</sup> *The supplier must meet the drawing tolerance.*
- <sup>2</sup> *These items are critical part characteristics that you must control to satisfy special inspection or governmental regulation requirements (e.g. Special Characteristics, Safety Items, etc.).*
8. The Inspection Standard should consider and include inspection related criteria as indicated on the Process Control Plan, PFMEA, etc.
9. Process capability results should determine the frequency of inspections. The ADVICS Manufacturing Quality Engineer may request evidence of this development before approving your Inspection Standard.
10. The supplier should initiate Inspection Standard revisions for all Engineering Change Instructions (ECI) or Process Changes (PCR) when affected.

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### III. PRE-PRODUCTION (PILOT) PREPARATION

11. The supplier must submit an Inspection Standard Revision Request Form (III-02-F03) for all revision requests after negotiating initial approval. Clearly identify any change details on the Inspection Standard Revision form.
12. It is at the discretion of the ADVICS Manufacturing Plant Quality Engineering Department to waive or replace this requirement with an equal process. If this requirement is not marked as required on the PPAP Notification Form (for the latest PPAP approved) then this is not required. Please contact your ADVICS Manufacturing Plant Quality Engineer in the absence of instructions to proceed with this requirement.
13. Do not modify the original Inspection Standard. Submit a new Inspection Standard with proposed changes highlighted for ADVICS Manufacturing Plant Quality Engineer review.

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