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Production Control (New Processes)

Purpose

This procedure describes the controls utilized for the introduction and release of new tooling and/or processes to minimize the risk of producing nonconforming parts.

Scope

This procedure applies to new processes, tooling and equipment as well as changes to the same.

Definitions

Nonconformance A practice or process that does not conform to a quality system requirement.

Responsibilities

PROD SUP OR PLN Production Supervisor or Planner

DES INSP Designated Quality Inspector

PROD SUP Production Supervisor

Procedures

PROD SUP OR PLN Identify Tools and/or Setup Required

Assigns an identification number to each tool and dedicated gage used to produce production parts, if applicable. Identifies customer-owned tooling as required by the customer.

Note: Dedicated tooling is very rare in our facilities. Our value-added services consist primarily of cutting and impression stamping heat-shrinkable tubing to customer specifications.

4.2 PROD SUP OR PLN Setup for Sample Parts

Sets up equipment to duplicate actual production conditions. This includes preparation of operator instructions, fixtures, and other job aids. Forwards sample parts to a quality technician or other person authorized to perform evaluation.

4.3 DES INSP Conduct Pre-production Validation

Evaluates sample parts produced for compliance with all customer, statutory and regulatory requirements.

4.4 DES INSP Approve Tool or Setup for Use

Inspects sample parts for compliance and either approves the tool or setup for production qualification or requests additional work to meet requirements.

4.5 PROD SUP Accept Process

Reviews results of process qualification. Identifies and resolves open issues.

Revision Notes

- QSP-7.5.104 replaces QSP-4.09.101 to better align the numbering with AS9100.

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