

Supplier Quality Inspection Requirements

QAQ-82-001

**Prepared By
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Supplier Quality Inspection Requirements

Supplier is responsible for assuring that all aspects of product quality meet or exceed Insitu requirements. Requirements are specified in applicable functional product specifications, drawings, test instructions or as otherwise provided.

First Article Inspection

Supplier shall perform a first article inspection to verify that all dimensions, features, and product attributes meet specified requirements. Documentation of first article inspection shall be provided to Insitu. First article inspection shall be performed from the first production run of a new part or following any subsequent change that invalidates the previous first article inspection result. Any product selected for first article inspection and found to be nonconforming shall be rejected, the process improved, and a subsequent product submitted for first article inspection.

Sampling Inspection

Supplier shall perform sampling inspection on all product lots. Sampling inspection shall, as a minimum, include all dimensions, features, and attributes identified as Critical to Quality and Significant to Quality on drawings and functional product specifications. Sampling inspection plans shall be statistically valid and shall preclude the acceptance of lots whose samples have known nonconformities. Sampling plans shall be submitted for Insitu approval, if requested.

Inspection Records

Inspection documentation shall include:

- a. Purchase order number
- b. Part or piece number inspected
- c. Dimension or attribute being inspected
- d. Criteria for acceptance and/or rejection
- e. A record of the measurement/inspection result
- f. Type of measurement instruments used
- g. Person performing the inspection

Where practical and applicable, statistical process control techniques shall be employed to control and verify continued process capability and product characteristics.

Insitu may request the Supplier to provide objective evidence that the quality of product meets specified purchase requirements by submitting inspection data, certificate of conformance or test reports.