

CENTURY FASTENERS CORP. QUALITY TERMS AND CONDITIONS

CLAUSE NUMBER: 01000-SQ-NG T&C-131

rev.000

EFFECTIVE: 05/31/2024

Acceptance Inspection Equipment/Measurement System Evaluation

The supplier is required to submit Measurement System Evaluation/Acceptance Inspection Equipment documentation and receive approval prior to the start of production or First Article Acceptance Testing. Measurement System Evaluation (MSE) requirements apply to this Purchase order. Acceptance Inspection Equipment (AIE), Inspection Procedures, and Calibration Records for AIE used to perform the inspections and tests of those characteristics specifically identified must be submitted to NGDS for approval prior to production. Product manufactured prior to approval of MSE/AIE by NGDS shall not be accepted for shipment without written approval by NGDS. MSE/AIE documentation shall contain sufficient information to allow review and approval. Supplier to complete form OP-660 for all Critical, Major, Special, and Minor characteristics. Completed OP-660 Form shall be formally submitted to Northrup Grumman. A copy of this form is available upon request. AIE identification shall include the following:

- Part number, revision, and name.
- Specification number and paragraph, if applicable.
- Classification of characteristics number.
- Characteristic description and dimension/parameter.
- Purchase order number and revision.

Submission of standard measuring equipment shall include:

- Manufacturer.
- Model number.
- Accuracy.
- Calibration procedure, as applicable.

Functional gaging and laboratory equipment shall include:

- Gage number.
- Gage drawing (2 copies).

Electronic copies are preferred however paper copies are acceptable with the agreement of NGDS.

- Set-up, calibration, and operating procedures, as required.

Inspection Procedures shall include:

- Inspection procedures for all Classification of Characteristics items as defined within all applicable requirement documents (MIL-STD, QAP, Specifications, NGDS Classification of Characteristics document, etc.)
- Visual Inspection Standards.
- Automated Acceptance Inspection Equipment (AAIE) and Non-Destructive Testing:

 - AAIE and NDT Calibration Master drawings.
 - Drawings or functional descriptions of AAIE/NDT.
 - Gage reliability prove outs (as required).
 - NDT personal Qualifications/Certifications.

If the listed characteristic is performed by a sub-tier supplier or independent inspection service, their MSE/AIE must also be submitted by the Supplier to NGDS for approval. If functional testing is required, NGDS will specify the requirement in writing. For additional information on the MSE requirement please reference the current revision of DI-QCIC81960 which can be found at <https://quicksearch.dla.mil/qsSearch.aspx>.