

DEFENSE INDUSTRIAL SUPPLY CENTER
Quality Assurance Provision
QAP-M0022 Rev A

3 March 1998

Ring, Coupling
NSN 5340-01-070-4996
30003 P/N 639AS2725

1. This Quality Assurance Provision covers the requirements for First Article Testing of Coupling Rings, Naval Air Systems Command (30003) Part Number 639AS2725.

2. First Article Requirements:

a. The contractor shall produce both the First Articles and the production quantity at the same facility and shall submit a certification to this effect with each First Article.

b. DISC-PCO authorization to allow the contractor to proceed to the production phase of the contract is contingent upon submission, inspection and approval of First Article Test samples.

c. The number of items to be submitted for First Article Testing is 3.

d. Prior to submission of First Article Test Samples, the contractor shall perform a preliminary inspection to assure conformance to all procurement requirements. This inspection is to be witnessed and verified by the Government Quality Assurance Representative who will have authority to reject the samples if nonconformances are identified. A First Article Test report shall be prepared by the contractor in accordance with MIL-STD-831 and include objective evidence of complete dimensional inspections and chemical/physical property testing including copies of all certifications for the material and processes performed as cited on the drawings. The inspection report shall be forwarded to the government testing activity along with the First Article samples.

e. First Article Testing will be conducted at Naval Air Warfare Center, Weapons Division, 1 Administration Circle, China Lake, CA 93555-6001. First Article Samples are to be forwarded to the testing facility, attention code 461000D. The contractor shall request shipping instructions for the First Article Test samples from the DISC-ETQ FAT monitor, DSN 442-6912, Commercial (215) 697-2385. The samples shall be forwarded for testing after the DCMAO QARs Quality Assurance actions have been completed. Items are to be marked "For First Article Testing, Not RFI Material, Do Not Take Up in Stock".

f. First Article Testing will consist of:

(1). Dimensional verification of all associated subparts to include all linear and angular dimensions.

(2). Verification of material certifications for all associated subparts.

(3). Verification of heat treatment certifications as applicable for associated subparts.

(4). Verification of surface finish and surface treatment for associated subparts.

(5). Verification of grain flow as applicable for associated subparts.

(6). Verification of markings for associated subparts.

(7). Verification of tensile strength as applicable for associated subparts.

(8). Verification of magnetic particle and penetrant inspections certifications as applicable for associated subparts.

(9). Verification of plating for associated subparts.

(10). Thread gauging as applicable for associated subparts.

g. The contractor shall submit certification for material, non-destructive testing, plating and heat treating with the First Article samples.

3. Upon completion of the First Article Testing, the Quality Assurance Specialist in DISC-M will recommend approval/disapproval. The presence of any nonconformances to the procurement requirements shall be sufficient cause for disapproval of the First Article Test. The DISC PCO will notify the contractor of the final approval/disapproval decision.

4. Projected lead time for First Article Test and Evaluation

ACTION	ACTION ACTIVITY	CALENDAR DAYS
Testing	Naval Air Warfare Center	90 Days
Evaluation	DISC-M	15 Days
Notification	DISC-M	15 Days

5. The First Article Test requirements may be waived when First Article Testing of supplies identical or similar to those called for has been approved and material was delivered by the offeror and

accepted by the Government. If requesting a waiver of First Article Testing on that basis, the contractor must provide specific contract numbers to substantiate the request.