

QUALITY ASSURANCE PROVISIONS

P/N: (76301) 74A450862-2001
NSN: 5315-01-108-3271
NOMEN: Pin, Straight Headless
CRITICALITY: CSI
DATE OF DETERMINATION: 03/15/2004

APPLICABLE CLAUSES:

I. Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (76310) 74A450862-2001 Rev "C" and all details and specifications referenced therein.

II. Quality/Inspection Requirements

- A. ISO 9000 equivalent of MIL-I-45208 applies.
- B. First Article Testing applies. Contractor Testing
- C. Production Lot Testing applies. Contractor Testing
- D. Mandatory Inspection applies.

III. Supplemental Requirements

- A. ISO 9000 equivalent of MIL-Q-9858 (paragraphs 3.1-3.5, 5.1-5.2, and 6.1-6.2) applies.
- B. The contractor shall include on the detailed process/operation sheets developed, a tracking method that is traceable to the contract, all manufacturing sources performing processes/operations both those performed in-house and those outsourced and a tracking method that is traceable to the contract. These sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the ESA located at NAS North Island via the PCO. Any proposed change may require a new First Article Inspection.
- C. The Inspection Method Sheets (IMS) which list the characteristics of each item produced under the contract shall have traceability to the raw material, casting, or forging. The tracking method used on the IMS shall have traceability to the contract. In addition, the contractor is responsible for providing completed IMS showing the actual dimensions taken for all critical characteristics.

QUALITY ASSURANCE PROVISIONS (continued)

D. Markings shall be IAW MIL-STD-130 latest revision, method and location shall be IAW the drawing.

IV. Mandatory Inspection Requirements

During production, mandatory inspection is required to be accomplished by the contractor as follows:

A. Level of Inspection (LOI).

1) Critical Characteristics: 100% inspection shall apply.

2) Major and Minor Characteristics - LOI shall be I/A/W sampling plan acceptable to the QAR.

B. Critical Characteristics for P/N:(76301) 74A450862-2001

1) .2480 +.0000-.0010 Dia Before Plating

2) .2490 +.0000-.0014 Dia After Plating

C. Major and Minor Characteristics

1) Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

V. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

FIRST ARTICLE TESTS REQUIREMENTS (CONTRACTOR TESTING)

P/N: (76301) 74A450862-2001

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A U. S. Government DCMA, Quality Assurance Specialists, shall witness First Article Testing.

I. First Article Inspection/Test Criteria. The tests to be performed under the First Article approval clause of the contract are:

- A. Dimensional Check (100%)
- B. Form
- C. Identification
- D. NDI: Review Certifications
- E. Material Analysis: Review Certifications
- F. Visual: Verification of the overall workmanship
- G. Compliance with drawing (76301) 74A450862-2001, Rev "C" and all details and specifications referenced therein.
- H. Packaging and Preservation: Verification that the parts have been preserved and packaged per the requirements of the contract.
- I. Review documentation as provided under DD 1423 requirements.

In addition to the above tests, the First Article(s) to be delivered hereunder shall also be subjected to those tests, which will demonstrate whether the article(s) comply with contract requirements.

II. Special Instructions. The contractor shall be responsible for providing necessary parts and repair of First Article Sample(s) during testing.

III. Notification of Testing. The contractor shall notify the PCO, ACO and QAR prior to conducting the First Article Tests so that the Government may witness such testing.

IV. Test Report. The test report shall be in accordance with MIL-HDBK-831 or equivalent, and shall be submitted (2) copies via the Cognizant CAO/QAR to DLA and (1) copy to the address and POC listed below:

NAVICP

Attn: James Lancaster, Code: 0731.11,

700 Robbins Ave.

Philadelphia, PA 19111-5098

The ACO/QAR shall provide comments on Form DD 1222 (2 copies) which shall be forwarded with the test report. The Cognizant Engineering Authority, NADEP, North Island, Attn: Mrs. Debbie Rodr, Code 930001, Bldg. 341, NAS North Island, San Diego, CA 92135-7058, (619/545-4618) shall issue a report accepting or rejecting the first article. Final approval of the test report is the PCO's responsibility. Upon notification of approval/conditional approval, the ACO shall execute the DD 250 to indicate Government acceptance of the test report.

V. Disposition of First Article Sample(s)

A. Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to ready for issue (RFI) condition and provided the sample(s) have inspection approval of the cognizant QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been provided and are ready for shipment.

B. Contractor shall provide Four (4) samples, Two Sample shall be un-plated and Two samples shall be plated. Corrosive areas are to be coated with a light preservative.

FIRST ARTICLE APPROVAL (CONTRACTOR TESTING)

P/N: (76301) 74A450862-2001

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CRITICALITY : CSI

DATE OF DETERMINATION: 03//15/2004

A. The contractor shall test Four (4) unit(s) of lot/item 0001 as specified in this contract. At least 45 days before beginning of First Article Tests, the contractor shall notify the contracting officer, in writing, of the time and location of the testing so that the Government may witness the tests.

B. The contractor shall submit the First Article Test Report within 15 days from the date of completion of First Article Testing and shall submit (2) copies via the Cognizant CAO/QAR to DLA and (1) copy to the address and POC listed below:

NAVICP

Attn: James Lancaster, Code: 0731.11,

700 Robbins Ave.

Philadelphia, PA 19111-5098

Marked "FIRST ARTICLE TEST REPORT: Contract No., Lot/Item No.". Within 30 calendar days after the government receives the test report, the contracting officer shall notify the contractor, in writing, of the conditional approval, approval, or disapproval of the First Article. The notice of conditional approval or approval shall not relieve the contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the contractor. A notice of disapproval shall cite reasons for the disapproval.

C. If the First Article is disapproved, the contractor, upon government request, shall repeat any or all First Article Tests. After each request for additional tests, the contractor shall make any necessary changes, modifications, or repairs to the First Article or select another First Article for testing. All costs related to these tests are to be borne by the contractor, including any and all costs for additional tests following disapproval. The contractor shall then conduct the tests and deliver another report to the Government under the terms and conditions and within the time specified in paragraph B above. The government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

D. If the contractor fails to deliver any First Article report on time, or the contracting officer disapproves any First Article, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

E. Unless otherwise provided in the contract, and if the approved First Article is not consumed or destroyed in testing, the contractor may deliver the approved First Article as part of the contract quantity if it meets all contract requirements for acceptance.

F. If the government does not act within the time specified in paragraph B or C above, the contracting officer shall, upon timely written request from the contractor, equitably adjust under the changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

G. Before First Article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the contractor. Before First Article approval, the costs thereof shall not be allocable to this contract for: 1) progress payments, or 2) termination settlements if the contract is terminated for the convenience of the Government.

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

PRODUCTION LOT TESTING REQUIREMENTS (CONTRACTOR TESTING)

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CRITICALITY : CSI

DATE OF DETERMINATION: 03/15/2004

The Production Lot Test shall be performed at the contractor's facility and be witnessed and accepted by the DCMA QAR. A written test report shall be forwarded to the PCO IAW DD1423 requirements.

The material produced under contract shall be accepted by the cognizant ACO/QAR contingent upon the successful completion of these requirements.

I. Production Lot Test Sampling Requirements

The tests to be performed under the Production Lot approval clause of the contract are:

A. The cognizant CAO/QAR shall select the applicable number of items at random from the production lot per the ANSI/ASQC Z1.4 Sampling Procedures and Tables for Inspection by Attributes. In addition the QAR shall select the applicable number of items at random from each successive lot or portion thereof per the ANSI/ASQC Z1.4 Sampling Procedures and Tables for Inspection by Attributes.

B. Production Lot Testing to be completed during production after First Article approval.

II. The tests to be performed under the Production Lot Sample testing provisions of the contract are:

A. Compliance with drawing (76301) 74A450862-2001 Rev "C" and specifications referenced therein.

B. Dimensional Check: 100%

C. Visual: Verification that the parts are identified per the requirements of the Drawing and the contract.

D. Identification: Verification that the parts are identified per the requirements of the drawing and the contract.

E. Packaging and Preservation: Verification that the parts have been preserved and packaged per the requirements of the contract.

F. Review of documentation as provided under CDRL (DD1423) requirements.

In addition to the above tests, the Production Lot Sample(s) to be inspected hereunder shall also be subjected to those tests, which will demonstrate that the sample(s) comply with contract requirements.

III. Testing Location, Cost and Estimated Lead-Time

- A. All testing to be accomplished at contractor's facility.

Within fifteen days of completion of Production Lot Testing, the CAO/QAR shall prepare and submit two copies of their test report with conclusions and recommendations to the **DSCP-VGC or NAVICP 073**, the Basic Design Engineer, and the ACO.

IV. Notification of Testing

The contractor shall notify the PCO, ACO and QAR prior to conducting Production Lot Tests so that the Government may witness such testing.

V. Inspection of Samples

- A. Upon inspection of Production Lot Sample(s), two (2) copies of the Material Inspection and Receiving (DD Form 250), bearing the QAR's signature and indication of preliminary inspection, shall be forwarded to DSCP-VGC with duplicate copies to NADEP North Island, Attn: MS Debbie Rodr, Code: 93001. The envelope shall be clearly marked. "DO NOT OPEN IN MAILROOM".

- B. Sample(s) may be considered as production items under the contract provided the sample(s) can be refurbished to Ready for Issue condition and provided the sample(s) have inspection approval of the cognizant CAO/QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.

PRODUCTION LOT APPROVAL (CONTRACTOR TESTING)

P/N: (76301) 74A450862-2001

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CRITICALITY : CSI

DATE OF DETERMINATION: 03/15//2004

A. The Production Lot Samples shall be selected at random by the cognizant government inspector. The samples shall be identified by contract number, lot number and be clearly marked as follows:

PRODUCTION LOT TEST SAMPLES
NOT RFI MATERIAL
DO NOT TAKE UP IN STOCK

B. Such samples shall be tested in sufficient time prior to the delivery date of the production articles to allow a 10 day period for testing and written notification by the contracting officer of the approval or disapproval of the samples. Within 15 days of the receipt of the samples, the CAO shall notify the contracting officer, DSCP-VGC, of the results of the testing, together with a recommendation for approval or disapproval.

C. In the event the contractor does not receive written notification of approval or disapproval of the samples for a particular production lot within 25 days from their submission for testing, the contract delivery schedule shall be equitably adjusted as necessary.

D. If the contractor fails to deliver any Production Lot Samples for testing within the time or times specified, or if the contracting officer disapproves any Production Lot Samples, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract, and this contract shall be subject to termination for default.

E. In order for a Production Lot to be acceptable, all samples representative of the lot must pass all the contract requirements. In the event a sample fails to pass such requirements, the lot will be rejected. In such event, the government may, at its option and at no additional cost to the government: 1) terminate all or any portion of this contract for default; 2) require the manufacture of a new Production Lot, or a rework of the rejected Production Lot if the means and procedures proposed by the contractor for rework are acceptable to the Government, or; 3) require the submission of additional samples for test. The foregoing procedures shall apply to new or reworked production lots in the same way as they did to the original Production Lot.

F. For each additional sample or each resubmission of a modified sample which the contractor is required to submit for approval hereunder as a result of a failure of a previous sample to conform to the requirements of the specification, the contractor shall pay to the government the costs of re-inspection, examination and retesting and the contractor and his sureties (if any) shall be liable for the amount of such costs.

G. Nothing contained in the foregoing provisions of this clause, and no action of the Government in accordance herewith, shall in any way prejudice the right of the Government under the clause of this contract entitled Default.

CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY TDP _____ TM _____ OTHER Engineering			
D. SYSTEM/ITEM 5315-01-108-3271		E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. 0001	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS			3. SUBTITLE COMPLETED PROCESS/OPERATION SHEETS			17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T1			5. CONTRACT REFERENCE		6. REQUIRING OFFICE DISC PHILADELPHIA		18. ESTIMATED TOTAL PRICE
7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLOCK 16**	14. DISTRIBUTION			
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**		Draft	Final Reg Repro	
16. REMARKS PARA. 10.1, 10.2, 10.2.1, 10.2.4, 10.5 APPLY * UPON SUBMISSION OF FIRST ARTICLE TEST AND/OR PRODUCTION LOT SAMPLES ** IF THE PROCESS/OPERATION CHANGE AFTER APPROVAL IF F.A.T. AND/OR PRODUCTION LOT APPROVAL				DCMC/ACO/QAR	*	1/0	
				NADEPNORIS BLDG 341	* *	1/0	
				15. TOTAL		2/0	
1. DATA ITEM NO. 0002	2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT			3. SUBTITLE COMPLETED INSPECTION METHOD SHEETS			17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T2			5. CONTRACT REFERENCE		6. REQUIRING OFFICE DISC PHILADELPHIA		18. ESTIMATED TOTAL PRICE
7. DD 250 REQ LT	9. DEST STATEMET REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLOCK 16 *	14. DISTRIBUTION			
8. ADP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16 **	a. ADDRESSEE	b. COPIES Final Draft Reg Repro		
16. REMARKS PARA. 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 APPLY * UPON SUBMISSION OF FIRST ARTICLE TEST AND/OR PRODUCTION LOT SAMPLES **AT TIME OF CONTRACT COMPLETION				DCMC/ACO/QAR	*	1/0	
				NADEPNORIS BLDG.341	* *	1/0	
				15. TOTAL		2/0	
1. DATA ITEM NO. 0003	2. TITLE OF DATA ITEM REQUEST FOR DEVIATION			3. SUBTITLE			17. PRICE GROUP
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-806640C			5. CONTRACT REFERENCE		6. REQUIRING OFFICE DISC PHILADELPHIA		18. ESTIMATED TOTAL PRICE
7. DD250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQUIRED	12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	14. DISTRIBUTION			
8. ADP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES Final Draft Reg Repro		
16. REMARKS DI-CMAN-80640C SUPERSEDES DICMAN-80641C AND SHALL BE USED FOR BOTH WAIVERS AND DEVIATIONS				DCMC/ACO		1/0	
				DCMC/QAR	*	1/0	
				PCO	**	1/0	
				15. TOTAL		3/0	
G. PREPARED BY		H. DATE		I. APPROVED BY		J. DATE	
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