

QUALITY ASSURANCE PROVISIONS

P/N: (76301) 74A450617-2001

NSN: 5310-01-107-6806

NOMEN.: NUT, AXLE-SHOCK ABSOR

CRITICALITY: (CSI/CAI)

DATE OF DETERMINATION: 03/15/04

APPLICABLE CLAUSES:

I. Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number: (76301) 74A450617-2001, Rev: "B" and all specifications referenced therein.

II. Quality/Inspection Requirements

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

III. Supplemental Requirements

- A. ISO 9000 equivalent MIL-I-45208 applies (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 process/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 the NADEP 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 dimensions taken for all critical characteristics.

QUALITY ASSURANCE PROVISIONS (continued)

D. Markings shall be I/A/W MIL-STD-130 latest revision, and method and location shall be I/A/W drawing.

IV. Mandatory Inspection Requirements

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

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

- (1) 2.750-16 UNJ-3B, Per MIL-S-8879

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) 74A450617-2001

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CRITICALITY: (CSI/CAD)

DATE OF DETERMINATION: 03/15/04

A U. S. Government Team consisting of Quality Assurance, Industrial Specialists, and Engineering personnel from NAVICP and NADEP, North Island, San Diego, CA. shall witness testing.

The BDE activity will not make any arrangements for inspection of the sample until a letter from the DCMA has been sent to the PCO and NAVICP advising that the contractor has inspected the sample and is 100% ready for inspection by the BDE activity and NAVICP. This letter will be forwarded to the BDE activity. The DCMA QAR shall be present during the inspection team's visit to the manufacturing site to perform the first article inspection.

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/Fit

C. Compliance with drawing (76301) 74A450617 2-001, Rev: "B", and all details and specifications referenced therein.

D. 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:

Defense Supply Center Philadelphia (DSCP)
700 Robbins Ave.
Philadelphia, PA. 19111-5096, Attn: DSCP-ITB

The ACO/QAR shall provide comments on Form DD 1222 (2 copies) which shall be forwarded with the test report. The Cognizant Engineering Authority (code 93001 NADEP North Island) 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. Sample(s) are to be unpainted. Corrosive areas are to be coated with a light preservative.

FIRST ARTICLE APPROVAL (CONTRACTOR TESTING)

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DATE OF DETERMINATION: 03/15/04

A. The contractor shall test **two (2)** 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.

C. The contractor shall submit the First Article Test Report within 15 days from the date of completion of First Article Testing to:

Defense Supply Center Philadelphia (DSCP)
700 Robbins Avenue
Philadelphia, PA. 19111-5096
Attn: Code DSCP-ITB

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)

P/N: (76301) 74A450617-2001

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CRITICALITY: (CSI/CAI)

DATE OF DETERMINATION: 03/15/04

A U. S. Government Team consisting of Quality Assurance, Industrial Specialists, and Engineering personnel from NAVICP and NADEP North Island may witness testing. POC is Code DSCP-ITB, Phone: (215) 737-7462.

The BDE activity will not make any arrangements for attendance at the PLT until a letter from the DCMA has been sent to the PCO and NAVICP advising that the contractor has inspected the sample and is 100% ready for inspection. This letter will be forwarded to the BDE activity. The DCMA QAR shall be present during the inspection team's visit to the manufacturing site to perform the PLT.

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) 74A450617, Rev: "B" and specifications referenced therein.

B. Dimensional Check

C. 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-ITB 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 DSCR-VGC with duplicate copies to NADEP NORTH ISLAND, San Diego, CA. Code 93001 and to the designated test facility. 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)

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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, DSCR-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 ContractPR No. listed in Block E.

A. CONTRACT LINE ITEM NO.				B. EXHIBIT		C. CATEGORY TDP _____ TM _____ OTHER <u>Engineering</u>				17. PRICE GROUP	
D. SYSTEM/ITEM 9Z 5310-01-107-6806				E. CONTRACT/PR NO.		F. CONTRACTOR				18. ESTIMATED TOTAL PRICE	
1. DATA ITEM NO. 0001		2. TITLE OF DATA ITEM CERTIFICATION DATA REPORTS				3. SUBTITLE COMPLET PROCESS/OPERATION SHEETS				17. PRICE GROUP	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T1				5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC/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 AS REQUIRED		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**		Draft		Final Reg Repr	
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 ** IF THE PROCESS/OPERATION CHANGE AFTER APPROVAL IF F.A.T. AND/OR PRODUCTION LOT APPROVAL						DCMC/ACO		1/0			
						DCMC/QAR		*		1/0	
						POC		**		1/0	
						15 TOTAL				3/0	
1. DATA ITEM NO. 0002		2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT				3. SUBTITLE COMPLETED INSPECTION METHOD				17. PRICE GROUP	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T				5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC/PHILADELPHIA				18. ESTIMATED TOTAL PRICE	
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQUIRED		12. DATE OF FIRST SUBMISSION SEE BLOCK 16 *		14. DISTRIBUTION			
8. ADP CODE				11. AS OF DATE AS REQUIRED		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16 **		a. ADDRESSEE		b. COPIES Draft Final Reg Repr	
16. REMARKS A. 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						DCMC/ACO		1/0			
						DCMC/QAR		*		1/0	
						POC		**		1/0	
						15 TOTAL				3/0	
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-MISC-80640C				5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSC/PHILADELPHIA				18. ESTIMATED TOTAL PRICE	
7. DD250 REQ LT		9. DIST STATEMENT AS REQUIRED		10. FREQUENCY AS REQUIRED		12. DATE OF FIRST SUBMISSION SEE BLOCK 16*		14. DISTRIBUTION			
8. ADP CODE A				11. AS OF DATE AS REQUIRED		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**		a. ADDRESSEE		b. COPIES Draft Final Reg Repr	
16. REMARKS REQUIRED FOR EVERY DEVIATION/WAIVER THE LIFE OF THE CONTRACT ORIGINAL						DCMC/ACO		1/0			
						DCMC/QAR		*		1/0	
						POC		**		1/0	
						TOTAL				3/0	

G. PREPARED BY JAMES LANCASTER, 0731.11		H. DATE 09/21/04		I. APPROVED BY		J. DATE	
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INSTRUCTION FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT

FOR GOVERNMENT PERSONNEL

- Item A. Self-explanatory
- Item B. Self-explanatory
- Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual
Other - other category of data, such as A Provisioning, a Configuration Management, etc.
- Item D. Enter name of system/item being acquired that data will support.
- Item E. Self-explanatory (to be filled in after contract award)
- Item F. Self-explanatory (to be filled in after contract award)
- Item G. Signature of preparer of CDRL
- Item H. Date CDRL was prepared
- Item I. Signature of CDRL approval authority
- Item J. Date CDRL was approved
- Item 1. See DoD FAR Supplement Subpart 4 71 for proper numbering.
- Item 2. Enter title as it appears on data acquisition document cited in Item 4.
- Item 3. Enter subtitle of data item for further definition of data item (optional entry)
- Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-1 (AMSDL), or one-time DID number, that defines data content and format requirements
- Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number)
- Item 6. Enter technical office responsible for ensuring adequacy of the data item
- Item 7. Specify requirement for inspection/acceptance of the data item by the Government
- Item 8. Specify requirement for approval of a draft before preparation of the final data item
- Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230.24)
- Item 10. Specify number of times data items are to be delivered
- Item 11. Specify as-of date of data item, when applicable
- Item 12. Specify when first submittal is required
- Item 13. Specify when subsequent submittals are required, when applicable
- Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16
- Item 15. Enter total number of draft/final copies to be delivered
- Item 16. Use for additional clarifying information for items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production development, testing, and administration) but which is required by DD Form 1423

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort both the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirement, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if not data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract