

REVISED, 1 FEB 99, RC
CONTRACT C WORKSHEET

ECP Required _____

PRON P48ANYX4 / P39ANQX3 AMC 1 AMSC G ATC ARB5D

TPDL 9337910 TDPL DATE 09/24/98

NSN 4730011555345 NOMENCLATURE VALVE ASSY

ENGINEERING EXCEPTIONS : The following engineering exceptions apply to this procurement action(s):

| DOCUMENT | DELETE | REPLACE WITH |
|----------|--------|--------------|
|----------|--------|--------------|

| | | |
|-------------|-----------------|-------|
| SPI 9337910 | INITIAL RELEASE | REV A |
|-------------|-----------------|-------|

For SQAP 11654866-1 Pg. 1, PART I under NUMBER/List of Specifications add MIL-W-63150.

Pg. 2 under MINOR characteristic column change 203 & 204 as follows:

| | | |
|---------------------------------|-----------|--------------------------|
| FROM: 203 NO. 10-24 UNC-2A THD. | B11654866 | GO & NOT GO THD RINGS |
|---------------------------------|-----------|--------------------------|

| | | |
|---|-----------|--------------|
| TO: 203 No. 10-24 UNC-2A Thd. Pitch Diameter Major Diameter | B11654866 | SMTE SMTE |
|---|-----------|--------------|

| | | |
|--------------------------------|-----------|--------------------------|
| FROM: 204 NO. 10-24UNC 2B THD. | B11654866 | GO & NOT GO THD PLUGS |
|--------------------------------|-----------|--------------------------|

| | | |
|---|-----------|--------------|
| TO: 204 No. 10-24 UNC-2B Thd. Pitch Diameter Minor Diameter | B11654866 | SMTE SMTE |
|---|-----------|--------------|

Add 206 as follows:

| | | |
|-----------------------------------|-----------|--------|
| 206 Workmanship (See Mil-W-63150) | B11654866 | Visual |
|-----------------------------------|-----------|--------|

For SQAP 11675993 Pg. 4, PART II change MAJOR characteristics 124, 125, 126 & 127 as follows:

| | | |
|---|----|-----------|
| FROM: 124 7/8-14 UNF-2B THREADS (2) HOLES) | F9 | 1.0% SMTE |
|---|----|-----------|

(Continued On Page 2)

GFM/GFE: DRAWING NO.

0

ATTACHMENT 001

CONTRACT C WORKSHEET (Continued)

ENGINEERING EXCEPTIONS (CONTINUED)

| | | | |
|---|-------|------|--------------|
| TO: 124 7/8-14 UNF-2B Threads (2) Holes Pitch Diameter Minor Diameter | F9 | 1.0% | |
| | | | SMTE |
| FROM: 125 10-24 UNC-2B THREADS (4 HOLES) | H9 | 1.0% | SMTE |
| TO: 125 10-24 UNC-2B Threads (4 Holes) Pitch Diameter Minor Diameter | H9 | 1.0% | SMTE SMTE |
| FROM: 126 1/4-20 UNC-2B THREADS (12) HOLES | D6,E5 | | SMTE |
| TO: 126 1/4-20 UNC-2B Threads (12) Holes Pitch Diameter Minor Diameter | D6,E5 | | SMTE SMTE |
| FROM: 127 5/16-18 UNC-2B THREADS (4 HOLES) | E5 | | SMTE |
| TO: 127 5/16-18 UNC-2B Threads (4 Holes) Pitch Diameter Minor Diameter | E5 | | SMTE SMTE |

| | |
|---------------|----------------------------|
| DELETE | REPLACE WITH |
| QQ-S-764 | ASTM A484 OR ASTM A582 |
| QQ-A-225 | ASTM B211 |
| QQ-A-225/6 | ASTM B211 |
| QQ-A-200 | A-A-55057 |
| QQ-A-200/3 | ASTM B221 OR ASTM B308 |
| MIL STD-45662 | ISO 10012-1 OR ANSI Z540-1 |

SUGGESTED SOURCE(S) OF SUPPLY:
on DWG. 11615328 zone B-5, Delete Vickers incorporated.
Change From: Specification Control Drawing
To: Source Control Drawing with one approved source

Packaging Requirements Sheet
(Special Packaging Instructions)

PRON: P405LCX4 DATE: 8 JUN 2000

NSN: 4730-01-155-5345

MILSTRIP: SUE LERCH/28202

- A. Military preservation, packing, and marking for the item identified above shall be accomplished in accordance with the specific requirements identified below, all the applicable requirements of MIL-STD-2073-1, Revision C, Date 1 OCT 96, and the Special Packaging Instruction contained in the TDP.

PRESERVATION: MILITARY

LEVEL OF PACKING: B

QUANTITY PER UNIT PACKAGE: 001

SPI NUMBER P9337910, REV. A, DATED 19 AUG 98

- B. Unitization: Shipments of identical items going to the same destination shall be palletized if they have a total cubic displacement of 50 cubic feet or more unless skids or other forklift handling features are included on the containers. Pallet loads must be stable, and to the greatest extent possible, provide a level top for ease of stacking. A palletized load shall not exceed 4,000 pounds and should not exceed 52 inches in length or width, or 54 inches in height. The load shall be contained in a manner that will permit safe handling during shipment and storage.
- C. Marking: In addition to any special markings called out on the SPI, all unit packages, intermediate packs, exterior shipping containers, and, as applicable, unitized loads shall be marked in accordance with MIL-STD-129 Revision N, Date 15 May 97, including bar coding in accordance with ANSI/AIM-BC1, Uniform Symbol Specification Code 39.
- D. This SPI has been validated and the method of preservation/packing has proven successful in meeting the needs of the military distribution system, including indeterminate storage and shipment throughout the world. Special instructions and/or tailoring of the SPI is detailed in the Supplemental Instructions in Paragraph E below. A prototype package is required to validate the sizes and fit requirements of the SPI. Minor dimensional and size changes are acceptable provided contractor provides the PCO and ACO with notification 60 days prior to delivery. Any design changes or changes in the method of preservation that provide a cost savings without degrading the method of preservation or packing or affecting the serviceability of the item will be considered and responded to within 10 days of submission to PCO and ACO. Government reserves the right to require testing to validate alternate industrial preservation methods, materials, alternate blocking, bracing, cushioning, and packing.
- E. SUPPLEMENTAL INSTRUCTIONS:

Attachment 2

DOCUMENT SUMMARY LIST

Item: VALVE ASSEMBLY
 NSN: 4730-01-155-5345
 Control Number/PRON: P405LCX4

Identifies all first tier documents (cited in SOW) (applicable DIDs). Also included are all referenced documents (2nd, (includes DID block 10 references), 3rd and lower tier) which have been tailored.

DOCUMENT CATEGORY:

CATEGORY 0 - Unless otherwise specified in the solicitation, contract, or contract modifications, all documents are for guidance and information only.

CATEGORY 1 - The requirements contained in the directly cited document are contractually applicable to the extent specified. All referenced documents are for guidance and information only.

CATEGORY 2 - The requirements contained in the directly cited document and the reference documents identified in the directly cited document are contractually applicable to the extent specified. All subsequently referenced documents are for guidance and information only.

CATEGORY 3 - Unless otherwise specified in the solicitation, contract or contract modification, all requirements contained in the directly cited document and all reference and subsequently referenced documents are contractually applicable to the extent specified.

| Document Number (Contract Reference) Applicable Tailoring | Document Title | Document Date/ Document Category |
|---|--|-------------------------------------|
| 1a. MIL-STD-2549 Table DIP 4-1 | Configuration Management Data Interface | 30 Jun 97 Cat 2 |
| 1b. DI-CMAN-81554 (seq A001) | Configuration Change Control Data Information Packet | 30 Jun 97 Cat 2 |
| 2. ANSI/ISO/ASQC Q9003 or equivalent | Quality Systems-Model for Quality Assurance in Final Inspection and Test | 18 Jul 94 |
| 3a. NCSL Z540-1 (ES7010) | General Requirements for Calibration Laboratories and Measuring and Test Equipment OR | 30 Aug 94 |
| ISO 10012-1 (ES7010) | Quality Assurance Requirements for Measuring Equipment, Part 1: Metrological Confirmation System | 1992 |
| 3b. DI-QCIC-81006 (DD Form 1423) | Special Inspection Equipment Descriptive Documentation | 11 Sep 89 Cat 1 |

LIST OF ADDRESSES

Commander
U.S. Army Industrial Operations Command
ATTN: AMSIO-_____ (see block 14 of DD form 1423 for symbols that apply)
Rock Island, IL 61299-6000

Director
Armament and Chemical Acquisition, and Logistics Activity
ATTN: AMSTA-AC_____ (see block of DD form 1423 for symbols that apply)
Rock Island, IL 61299-8630

Director
U.S. Army, Armament, Research, Development & Engineering Center
ATTN: AMSTA-AR_____ *(R) (see block of DD form 1423 for symbols that apply)
Rock Island, IL 61299-7300

Commander
U.S. Army, Armament Research, Development & Engineering Center
ATTN: AMSTA-AR-_____ *(D) (See block 14 of DD Form 1423 for symbols that apply)
Picatinny Arsenal, NJ 07806-5000

*When letter in parentheses at end of office symbol is a "R", use Rock Island address; when it is a "D", use Picatinny Arsenal address.

E-MAIL ADDRESSES:

| | |
|------------------|-----------------------------------|
| AMSTA-AR-QAA(D) | aie-qaa@pica.army.mil |
| AMSTA-AR-QAC(D) | aie-qac@pica.army.mil |
| AMSTA-AR-QAT(D) | aie-qat@pica.army.mil |
| AMSTA-AR-QA__(R) | amsta-ar-qa-cdr@ria-emh2.army.mil |

ADDRESS CODE DISTRIBUTION SHEET
FOR ECP/RFD/RFW/VECP

1. Concurrent distribution of Value Engineering Change Proposals (VECPs), Engineering Change Proposals (ECPs), Request for Deviations (RFDs) shall be submitted by the Contractors as follows:

2. The contractor shall submit copies as required and as identified below to: Director, U.S. Army Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-QAD (ECPs), Rock Island, IL 61299-7300.

- a. VECPs - original plus 3 copies
original (Tools & Equipment)
original plus 2 copies (Navy or Air Force)
- b. ECPs - original plus 2 copies
original (Tools & Equipment)
original plus 2 copies (Navy or Air Force)
- c. RFDs/RFWs- original plus 2 copies
original plus 2 copies (Navy or Air Force)

3. Provide one copy designated "Advance Copy" to one of the following design agencies if the agency is cited in the contract:

a. Chemical Command: Commander, Chemical Biological Defense Agency, ATTN: SCBRD-ENE-D, Aberdeen Proving Ground, MD 21010-5423.

b. U.S. Navy: Commander, Naval Surface Warfare Center, Crane Division, ATTN: Code 40, Crane, IN 47522-5000, or Commander, Naval Air Warfare Center, Weapons Division, 521 9th St., ATTN: Code 332200E, Point Mugu, CA 83042-5001.

c. U.S. Air Force: Commander, U.S. Army Industrial Operations Command, ATTN: AMSIO-ASI-SA (Mr. Flood ASD/YH), Eglin Air Force Base, FL 32542-5000, or Commander, Ogden Air Logistics Center, ATTN: OO-ALC/LIWGE, 6034 Dogwood Ave., Hill Air Force Base, UT 84056-5816.

4. Provide one copy designated "Advance Copy" to:

a. Contracting Officer: Director, Armament and Chemical Acquisition, and Logistics Activity, Rock Island, IL 61299-8630 (ACALA items) or Commander, Industrial Operations Command, Rock Island, IL 61299-6000 (IOC items).

b. Administrative Contracting Officer.

5. For VECPs only, provide one copy designated "Advance Copy" to the Value Engineering Division: Commander, U.S. Army Industrial Operations Command, ATTN: AMSIO-RMV, Rock Island, IL 61299-6000.

6. When ECPs, RFWs, RFDs are determined to be Urgent, Critical and/or Schedule impacting, an action copy shall be provided to AMSTA-AR-QAD via data facsimile (FAX) to 309-782-6450. This transmission is to be immediately followed with the usual hard copy mailing.

CONTRACT DATA REQUIREMENTS LIST

DD FORM 1423 (MECHANIZED)

CATEGORY: MISC SYSTEM/ITEM: VALVE ASSEMBLY

TO CONTRACT/PR: P405LCX4

| | | | |
|----------------------------|----------------|-----------------------------------|----------------------------|
| 1. SEQUENCE NUMBER | | 14. DISTRIBUTION | DRFT/REG/REPRO COPIES |
| 2. TITLE OF DATA ITEM | | | |
| 3. SUBTITLE | | | |
| 4. DATA ITEM NUMBER | | | |
| 5. CONTRACT REFERENCE | | | |
| 6. TECHNICAL OFFICE | 7. DD 250 | 8. APP CODE | 9. DIST STATEMENT REQUIRED |
| 10. FREQUENCY | 11. AS OF DATE | | 15. TOTAL: |
| 12. DATE OF 1ST SUBMISSION | | 13. DATE OF SUBSEQUENT SUBMISSION | |
| 16. REMARKS | ----- | | |

| | | | |
|----------------------------------|---------|----------------------------|-------------------|
| 1. A001 | | 14. AMSTA-AR-CCL-F (ECALS) | / / |
| 2. CONFIGURATION CHANGE CONTROL* | | | / / |
| 3. ENGINEERING ACTIONS | | | |
| 4. DI-CMAN-81554 | | | |
| 5. SECTION C | | | |
| 6. AMSTA-AR-ES | 7. NO | 8. - | 9. ** |
| 10. ASREQ | 11. --- | | 15. TOTAL 0/ 0/ 0 |
| 12. ASREQ | | 13. ASREQ | |

16. REMARKS
 PREPARE ENGINEERING ACTIONS IAW DI-CMAN-81544 AND SUBMIT ELECTRONICALLY VIA ECALS WORLDWIDE WEB PAGE [HTTP://EDMD4.PICA.ARMY.MIL/](http://EDMD4.PICA.ARMY.MIL/). *DATA INFORMATION PACKET **DISTRIBUTION STATEMENT WILL BE ASSIGNED AND IMPLEMENTED BY THE DOD CONFIGURATION MANAGER. THE POC FOR ECALS IS LEE SADAUSKAS, AMSTA-AR-QAW, (973) 724-6626 LEES@PICA.ARMY.MIL.

| | | | |
|--|---------|------------------------------|-------------------|
| 1. A002 | | 14. AMSTA-AR-QAC (D) | (1) / 1/ / / |
| 2. SPECIAL INSPECTION EQUIPMENT DESCRIPTIVE DOC. | | | / / |
| 3. AIE DESIGN DOCUMENTATION | | QAR | / / |
| 4. DI-QCIC-81006* | | CO (LT ONLY) | / / |
| 5. SECTION E | | AMSTA-AR-QAW-C (LT ONLY) (R) | (2) / / / / |
| 6. AMSTA-AR-QA | 7. XX | 8. A | 9. N/A |
| 10. ONE/R | 11. N/A | | 15. TOTAL 0/ 1/ 0 |
| 12. ** | | 13. WHEN REV. | |

16. REMARKS
 * BLOCK 4: DO NOT ADDRESS PARAGRAPHS 10.1, 10.2, 10.4.1(f) AND 10.4.2. IGNORE ALL REFERENCE TO THE WORD "SPECIAL" IN DID. SUBMIT FOR ALL CRITICAL, SPECIAL AND MAJOR CHARACTERISTICS IN SPECIFICATION OR QAP. ** BLOCK 12: SUBMIT 30 DAYS PRIOR TO FA, OR PRODUCTION, IF FA IS WAIVED. THE GOVERNMENT WILL RESPOND WITHIN 30 DAYS OF RECEIPT OF ORIGINALS AND REVISIONS. REVISIONS ARE TO BE SUBMITTED WITHIN 10 DAYS OF RECEIPT OF GOVERNMENT RESPONSE. IF DOCUMENTATION WAS APPROVED ON PRIOR CONTRACT AND NO CHANGES WERE MADE, SUBMIT

Exhibit A