

CONTRACT C WORKSHEET

PRON M1765187M1 AMC 1 AMSC G ATC

TDP 8619165-1 TDPL DATE 09/25/96

NSN 6110009708656 NOMENCLATURE CONTROL, LIGHT SOURCE

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

All soldering and soldering related operations shall be performed in accordance with a detailed soldering process plan to be developed and maintained by the contractor. The plan shall include the procedures to be used for all soldering and soldering related operations (i.e. hand soldering, tinning, solderability testing or verification, automated soldering, inspection, process controls). Each procedure shall describe the operation in sufficient detail to ensure that the performance requirements for the item being manufactured are met. As a minimum, each procedure shall include the process, tools, equipment, materials and acceptance criteria used for the operation. The soldering process plan shall be made available to the cognizant government technical agency.

In lieu of developing a soldering process plan, the contractor may elect to utilize ANSI/IPC/J-STD-001, Class 3*, with the cleanliness designator as indicated below:

| Flux Type in use | Cleanliness Designator** |
|---------------------------|--------------------------|
| Low Residue/No Clean Flux | C02 |
| Rosin Based Flux | C22 |
| Water Soluble Flux | C22 |

*Class 3 High Performance Electronic Products
Includes equipment for commercial and military products where continued performance or performance-on-demand is critical. Equipment downtime cannot be tolerated, end-item use may be uncommonly harsh, and the equipment must function when required, such as life support systems and critical weapons systems.

**ANSI/IPC/J-STD-001 Rev A, paragraph 8.3.2 and sub-paragraphs.

| DOCUMENT | DELETE | REPLACE WITH |
|---------------------|------------------------|---|
| SPI 8619165-1 | REV E | REV F (HARD COPY) 1 SHEET |
| 8619165, 8619402 | MIL-STD-2000 | " SOLDER IN ACCORDANCE WITH BEST COMMERCIAL PRACTICE TO ENSURE COMPLIANCE WITH DRAWING OR SPECIFICATION REQUIREMENTS AS APPLICABLE. " |
| SQ8619165 | | |
| 10516110, 10516107, | QQ-A-200/3, QQ-A-200/8 | ALTERNATE CALL OUTS NO REPLACEMENT REQUIRED. |
| 8619166 | QQ-B-613 | ASTM B36 |
| 10516103 | QQ-C-390 | ASTM B148, C95200, ALUMINUM BRONZE CASTING |
| SQ8619165 | MIL-S-45743 | |
| 10516102 | REV C | REV B |

GFM/GFE: DRAWING NO.

Attachment 1

SPECIAL PACKAGING INSTRUCTIONS
(AMCCOM Suppl 1 to AR 700-15)

1. NATIONAL STOCK NO
6110009708656

| | | | | | |
|------------------------------------|--------|---|--|---|--|
| 2. SPI NO P8619165-1 | | 3. REVISION F/G6K2032 | | 4. DATE 09/23/96 | |
| 5. PART OR DRAWING NO 8619165-1 | | 6. FSCM 19200 | | 7. MIL-P-116 CLEANING/DRYING * MIL-P-116 | |
| 8. QUP/UNIT OF ISSUE 1 - ea | 9. ICQ | 10. UNIT PACK WEIGHT (APPROX LB) 1.57 | 11. UNIT PACK CUBE (EXT) (APPROX FT) 0.075 | 12. UNIT PACK SIZE (EXT) (APPROX FT) 0.52 X 0.38 X 0.38 | |

13. LEVEL A UNIT PACK REQUIREMENTS

| MIL-P-116 METHOD <u>IA-8</u> | STEPS | DRAWING OR SPECIFICATION | STYLE | TYPE | GRADE | CLASS | SIZE (INSIDE DIMENSIONS IN INCHES) AND REMARKS |
|------------------------------|-------|--------------------------|-------|------|-------|-------|--|
| PRESERVATIVE | 1 | MIL-P-116 | | P-7 | | | SEE NOTE (A). |
| INTIMATE WRAP | 2 | MIL-B-121 | | I | A | 2 | SEE NOTE (B). |
| INTIMATE WRAP | 3 | MIL-P-130 | | II | | | SEE NOTE (C). |
| CUSHIONING | 4 | A-A-1051 | | | | | SEE NOTE (D). |

14a. LEVEL B: METHOD _____ NOT APPLICABLE SEE NOTE MIL-STD-2073-1

14b. LEVEL C: METHOD _____ NOT APPLICABLE SEE NOTE ASTM-D-3951

15. INTERMEDIATE PACKAGING AND PACKING WILL BE IN ACCORDANCE WITH SPECIFICATION MIL-STD-2073-1 OR AS OTHERWISE SPECIFIED HEREON.

16. MARKING WILL BE IN ACCORDANCE WITH MIL-STD-129.

17. SPECIFICATIONS, STANDARDS, AND DRAWINGS LISTED HEREON OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID FORM A PART OF THIS DATA SHEET. THE APPLICABLE GENERAL AND REFERENCED REQUIREMENTS OF SPECIFICATION MIL-STD-2073-1 FORM PART OF THIS DATA SHEET. UNLESS OTHERWISE SPECIFIED, MATERIALS WILL BE MINIMUM SIZE IAW MIL-STD-2073-1.

18. TOLERANCES SHALL BE IN ACCORDANCE WITH MATERIAL SPECIFICATIONS. QUALITY PERFORMANCE AND TESTING REQUIREMENTS SHALL BE IN CONFORMANCE WITH MIL-P-116 OR AS OTHERWISE SPECIFIED HEREON.

19. NOTES/DRAWINGS
*UNLESS OTHERWISE SPECIFIED, ANY APPLICABLE PROCESS OF MIL-P-116 THAT DOES NOT DAMAGE THE ITEM SHALL BE UTILIZED.
(A) LIGHTLY COAT MOUNTING HARDWARE.
(B) WRAP HARDWARE AND SECURE WITH A-A-883 TAPE.
(C) WIRES SHALL BE COILED AND THE LAMP HOUSING SHALL BE POSITIONED IN THE HOLLOW OVER MOUNTING BRACKET.
(D) SECURE WITH A-A-883 TAPE.

| | | | |
|---------------------------------------|-------------------------------------|---------------------|-------------------------------|
| 20. ITEM IDENTIFICATION CODE(S) JH | 21. ITEM SIZE 5.75 X 4.00 X 4.00 | 22. ITEM WT 1.42 | 23. APPROVED JAMES E. ZOLL |
|---------------------------------------|-------------------------------------|---------------------|-------------------------------|

24. NOMENCLATURE
CONTROL, LIGHT SOURCE

Attachment 2.

DOCUMENT SUMMARY LIST

Item: CONTROL, LIGHT SOURCE
NSN: 6110-00-970-8656
Control Number/PRON: P205LRX2

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 |
|---|---|-------------------------------------|
| 1. ANSI/ISO/ASQC Q9003 or equivalent | Quality Systems-Model for Quality Assurance in Final Inspection and Test | 18 Jul 94 |