

INCH-POUND

A-A-54898
30 July 1993

COMMERCIAL ITEM DESCRIPTION

THERMOMETER, LIQUID CRYSTAL, CLINICAL,
Disposable

The General Services Administration has authorized the use of this Commercial Item Description.

This Commercial Item Description covers the requirements for a disposable liquid crystal thermometer suitable for monitoring patient temperature.

Salient characteristics:

Shall be a disposable liquid crystal temperature indicator for use in operating room and recovery room for continuous and accurate monitoring of patient's core temperature.

The thermometer shall consist of a plastic strip approximately 1-7/8 inch by 3/4 inch with adhesive backing suitable for placement on patient's forehead. The thermometer shall be easy to apply and remove without skin degradation. The adhesive shall be non-allergenic and non-toxic.

The temperature range for the thermometer shall be 84° - 106°F (29° - 41°C). The temperature shall be indicated by a brightly illuminated liquid crystal line. The thermometer shall be sensitive enough to respond to rapid changes in patient temperature. The skin temperature shall be adjusted upward by 4°F (2.2°C) such that the temperature reading corresponds to patient's core temperature.

One edge of the thermometer shall read temperature in Fahrenheit scale. The other edge shall indicate the same in Celsius scale. Each degree shall be clearly marked on both scales. Fahrenheit scale shall be numbered every 5 degrees from 85° to 105° and marked with a longer line. The Celsius scale shall be numbered at 30°, 35° and 40° and marked with a longer line.

AMSC N/A

FSC 6515

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

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Accuracy. The temperature reading shall be accurate to $\pm 2^{\circ}\text{F}$ or $\pm 1^{\circ}\text{C}$.

Visibility. The liquid crystal line shall be bright enough and the numbers on temperature scales shall be large enough to be clearly visible at least at a distance of four feet by a person with normal vision.

Workmanship. The thermometer shall be free from defects which detract from its appearance or impair its serviceability.

Unit. Package (PG). One package containing one hundred thermometers as specified, constitutes one unit. Complete and detailed instructions for use shall be supplied with each unit.

QUALITY ASSURANCE PROVISIONS.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

Records. Records of examinations and tests performed by or for the contractor shall be maintained by the contractor and made available to the Government upon the Government's request, at any time, or from time to time, during the performance of the contract and for a period of three years after delivery of the supplies to which such records relate.

Inspection. Inspection, as used herein, is defined as both examination (such as visual or auditory investigation without the use of special laboratory appliances or procedures) and testing (determination by technical means of physical and chemical properties) of the item.

Examination. Examination shall be conducted to determine compliance with specification requirements.

Sampling for examination. Sampling for examination shall be conducted in accordance with MIL-STD-105 and as specified. Unit of product for examination purposes shall be one thermometer as specified. Sampling shall be inspection level II with an Acceptable Quality Level (AQL) of 1.0.

Tests. Tests shall be conducted to determine compliance with specification requirements. Where feasible, the same sample shall be used for determination of two or more test characteristics.

Sampling for tests. Sampling for tests shall be conducted in accordance with MIL-STD-105 and as specified. Unit of product for test purposes shall be one thermometer. Sampling shall be inspection level S-2 with an AQL of 1.0.

Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this Commercial Item Description, and that the product conforms to the producers' own drawings, specifications, standards, and quality assurance practices. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, providing they fall within the tolerance specified using conversion tables contained in the latest revision of Federal Standard No. 376, and all other requirements of this document are met.

If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the contracting officer to determine if the product is acceptable.

The contracting officer has the option of accepting or rejecting the product.

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Regulatory requirements.

Federal Food, Drug, and Cosmetic Act. If the product covered by this document has been determined by the U.S. Food and Drug Administration to be under its jurisdiction, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of the Federal Food, Drug and Cosmetic Act, as amended, and regulations promulgated thereunder. In addition, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of all other applicable Federal, State, and local statutes, ordinances, and regulations.

Recovered materials. The offeror/contractor is encouraged to use recovered material in accordance with Federal Acquisition Regulation Subpart 13.4 to the maximum extent practical.

Preservation, packaging, packing, labeling, and marking. Unless otherwise specified, preservation, packaging, and packing shall be to a degree of protection to preclude damage to containers and/or contents thereof under normal shipping conditions, handling, etc., involving shipment from the supply source to the receiving activity, plus reshipment from receiving activity and shall conform to applicable carrier's rules and regulations. Intermediate and exterior package quantities and labeling and marking shall be as specified in the contract and/or order.

Ordering data. Intermediate/exterior package quantities and labeling and marking must be specified in the contract and/or order.

NOTE: The following National Stock Number and its respective Item Identification is covered by this document:

NATIONAL STOCK NUMBERITEM IDENTIFICATION

6515-01-342-9183

Thermometer, Liquid Crystal,
Clinical, Disposable, 100s

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MILITARY INTERESTS:

Preparing Activity:

Custodians:

DoD-MB

Army - MD

Agent:

Navy - MS

Air Force - 03

DLA-DM

CIVIL AGENCY COORDINATING ACTIVITIES:

VA-OSS

USPHS

FDA-MPQAS

Project Number: 6515-5610

Location: c:\word\doc\gandni\thermo2\sg

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

- 1 The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
- 2 The submitter of this form must complete blocks 4, 5, 6, and 7.
- 3 The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

1. RECOMMEND A CHANGE:		1. DOCUMENT NUMBER A-7-54896	2. DOCUMENT DATE (YYMMDD) 930730
3. DOCUMENT TITLE THERMOMETER, LIQUID CRYSTAL CLINICAL Disposable			
4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)			
5. REASON FOR RECOMMENDATION			
6. SUBMITTER			
a. NAME (Last, First, Middle Initial)		b. ORGANIZATION	
c. ADDRESS (Include Zip Code)		d. TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON (if applicable)	7. DATE SUBMITTED (YYMMDD)
8. PREPARING ACTIVITY			
a. NAME Defense Personnel Support Center ATTN: DPSC-MSE		b. TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON (215) 7372870 444-2870	
c. ADDRESS (Include Zip Code) 2800 South 20th Street Philadelphia, PA 19145		IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT: Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756 2340 AUTOVON 289-2340	