Downloaded from http://www.everyspec.com

MILITARY SPECIFICATIONS

CASEWORK, MOVEABLE AND MODULAR, FOR HOSPITAL LABORATORIES AND PHARMACIES, PERFORMANCE SPECIFICATIONS FOR,

This specification is approved for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1 1 Scope This performance specification covers modular, moveable casework configurations for hospital laboratories and pharmacies.

1.2 Classification Basic modular components of three types shall be sized and constructed so that they can be fitted together as configurations of work stations in hospital laboratories and pharmacies. All dimensions in this specification are nominal unless stated otherwise and are for the purpose of establishing functional performance characteristics for moveable and modular casework components Nominal dimensions are permitted to vary ± 1-1/2 inches Greater variations in dimensions for storage components are permitted if equal or greater storage capacity is achieved. The modular components are:

1.2 1 Type I, work surfaces. Work surfaces shall be of four sizes with two variants

Size 1 48 inches wide by 24 inches deep.
Size 2 48 inches wide by 30 inches deep
Size 3: 24 inches wide by 24 inches deep.
Size 4. 24 inches wide by 30 inches deep.

Variant (a)· Without sink
Variant (b): With sink

1.2.2 Type II, storage components. Shall be of three classes.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commanding Officer (Code 156), Naval Construction Battalion Center, Port Hueneme, CA 93043, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

FSC 6530

Downloaded from http://www.everyspec.com

1.2.2.1 Class A, above work surface storage. Shall be of two sizes with two variants. Dimensions are exterior dimensions. Width dimensions shall be no greater than the dimension shown and no smaller than 1-1/2 inch less than the dimension shown.

Size 1: 48 inches wide, 18 inches deep, and 18 inches high
Size 2: 24 inches wide, 18 inches deep, and 18 inches high
Variant (a): Open storage.
Variant (b): Closed storage.

1.2.2.2 Class B, below work surface storage. Shall be of two sizes with four variants. Dimensions of these storage components are exterior dimensions Width dimensions shall be no greater than the dimension shown and no smaller than 1-1/2 inch less than the dimension shown

Size 1: 24 inches wide, 24 inches deep, and 24 inches high.
Size 2: 24 inches wide, 24 inches deep, and 30 inches high

Variant (a): Two shelves, open
Variant (b): Two shelves, one door.
Variant (c). Four drawers, each 6 inches high.
Variant (d): Five drawers, each 6 inches high.

1 2.3 Type III, partitions Shall be of six sizes with three variants

Size 1: 48 inches wide by 78 inches high.
Size 2: 48 inches wide by 48 inches high
Size 3· 48 inches wide by 30 inches high.
Size 4: 24 inches wide by 78 inches high
Size 5 24 inches wide by 48 inches high.
Size 6: 24 inches wide by 30 inches high.

Variant (a)· With electrical subsystem.
Variant (b) With electrical subsystem and conduit for computer cabling
Variant (c). No electrical service or computer cabling.

1.3 Configurations of components Type I, II, and III components shall be capable of being assembled into configurations for work stations for laboratories and pharmacies The configurations are shown below

1 3.1 Configuration A Shall consist of the following components and variants·

Type I, Work Surface·

4 Size 2, Variant (a)
2 Size 4, Variant (a)

Type II, Storage:

4 Class A, Size 1, Variant (a) or (b)
4 Class B, Size 2, Variant (b)
4 Class B, Size 2, Variant (d)

Downloaded from http://www.everyspec.com

Type III, Partitions:

2 Size 1, Variant (b)
2 Size 4, Variant (b)

1.3.2 Configuration B. Shall consist of the following components and variants:

Type I, Work Surfaces·

4 Size 2, Variant (a)
1 Size 4, Variant (a)
1 Size 4, Variant (b)

Type II, Storage Same as Configuration A.

Type III, Partitions Same as Configuration A.

1.3.3 Configuration C. Shall consist of the following components and variants

Type I, Work Surfaces·

4 Size 2, Variant (a)
2 Size 4, Variant (a)

Type II, Storage

4 Class B, Size 2, Variant (b)
4 Class B, Size 2, Variant (d)

Type III, Partitions:

2 Size 2, Variant (b)
2 Size 5, Variant (b)

1.3.4 Configuration D Shall consist of the following components and variants

Type I, Work Surfaces.

4 Size 2, Variant (a)
1 Size 4, Variant (a)
1 Size 4, Variant (b)

Type II, Storage· Same as Configuration C.

Type III, Partitions: Same as Configuration C.

Downloaded from http://www.everyspec.com

1.3.5 Configuration E. Shall consist of the following components and variants:

Type I, Work Surfaces

2 Size 1, Variant (a)
2 Size 3, Variant (a)

Type II, Storage

2 Class A, Size 1, Variant (a) or (b)
4 Class B, Size 1, Variant (b)
4 Class B, Size 1, Variant (c)

Type III, Partitions:

2 Size 1, Variant (b)
2 Size 4, Variant (b)

1.3.6 Configuration F. Shall consist of the following components and variants

Type I, Work Surfaces

2 Size 1, Variant (a)
1 Size 3, Variant (a)
1 Size 3, Variant (b)

Type II, Storage Same as Configuration E.

Type III, Partitions Same as Configuration E.

1.3.7 Configuration G Shall consist of the following components and variants

Type I, Work Surfaces

8 Size 4, Variant (a)

Type II, Storage

6 Class A, Size 2, Variant (a) or (b)
8 Class B, Size 2, Variant (a)

Type III, Partitions:

4 Size 2, Variant (b)

1.3.8 Configuration H. Shall consist of the following components and variants:

Type I, Work Surfaces:

3 Size 1, Variant (a)

Downloaded from http://www.everyspec.com

Type II, Storage:

6 Class B, Size 2, Variant (a)

Type III, Partitions:

3 Size 1, Variant (c)

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications and standards. Unless otherwise specified, the following specifications and standards of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation, form a part of this specification to the extent specified herein.

STANDARDS

MILITARY

MIL-STD-129 - Marking for Shipment and Storage

(Copies of specifications, standards, handbooks, drawings, and publications required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

2 2 Other publications. The following documents form a part of this specification to the extent specified herein The issues of the documents which are indicated as DOD adopted shall be the issue listed in the current DODISS and the supplement thereto, if applicable.

AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI)

A112.9.3 - Stainless Steel Plumbing Fixtures
A156.11 - Auxiliary Locks.

(Application for copies should be addressed to the American National Standards Institute, Inc., 1430 Broadway, New York, NY 10008.)

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)

LD3-1980 - High Pressure Decorative Laminates.

(Application for copies should be addressed to National Electrical Manufacturers Association, 2102 L Street, NW, Washington, D.C. 20037.)

NATIONAL SANITATION FOUNDATION (NSF)

No. 30 - Cabinetry and Laboratory Furniture for Hospitals.

(Application for copies should be addressed to National Sanitation Foundation, 3475 Plymouth Road, P. O. Box 1468, Ann Arbor, MI 48106.)

Downloaded from http://www.everyspec.com

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and Federal agencies.)

2.3 Order of precedence. If there is a conflict between the text of this specification and the references cited, the text of this specification shall take precedence.

3. REQUIREMENTS.

3.1 Description Casework components shall be designed and constructed to meet all requirements of this specification. Casework components are Type I, Work Surface; Type II, Storage Units; and Type III, Partitions, and variants of these. These components and variants shall be such that they can be fitted together to form configurations A through H.

3.2 Manufacturers' performance requirements The casework components, variants, and configurations shall be standard commercial products conforming to design and installation requirements.

3.2.1 Standard commercial product The casework shall, as a minimum, be in accordance with the requirements of this specification and shall be the manufacturer's standard commercial product. Additional or better features that are not prohibited by this specification but are a part of the manufacturer's standard commercial product shall be included in the casework A standard commercial product is a product that has been sold or is being currently offered for sale on the commercial market through advertisements, manufacturer's catalogs, or brochures and is the latest production model

3.2.2 Design. Minor deviations from the specified dimensions, other than limiting dimensions, will not be considered cause for rejection provided the item is suitable for the purpose intended and is the manufacturers' cataloged stock product substantially equivalent to the item described in this specification The manufacturer shall have no design deviations from the requirements and options specified, unless such deviations are numbered, notated, and described by the manufacturer and are approved by the contracting officer.

3.2.3 Installation The manufacturer shall provide and assemble configurations of casework at the site and in the specific locations indicated by the contracting officer or his representative. Plumbing and electrical variants shall be attached to the existing building systems by the manufacturer (see 6.2 1).

3.3 Modular requirements. Components and component variants of the casework configurations shall be modular in that they shall be interchangeable with other components of the same type, class, and size in their specified configuration or other configurations of paragraph 1.3 of this specification. They also shall be modular in that the relative positions of components may be interchanged within a work station configuration. Subcomponents such as drawers, trays, and other shelf components for similar storage units shall be interchangeable without tools.

Downloaded from http://www.everyspec.com

3.4 Movability. Components with any component variants shall be such that they can be repositioned within a configuration or moved to a different area. It shall be possible to reposition or move an unloaded component of any Type, Class, or Size using no more than simple hand tools, such as screwdrivers, pliers, and wrenches, and using no more than two unskilled workers.

3.5 Clearance and adjustability The components and variants shall have the clearances specified and shall be incrementally adjustable vertically.

3.5.1 Type I, work surface. Components shall be adjustable from 26 inches to 42 inches above the floor in increments no greater than 1 inch.

3.5.2 Type II, Class A, above work surface. Storage components shall be mountable 48 inches or more above the floor, but the tops of these components shall not be more than 78 inches above the floor. Components shall be adjustable in height in increments no greater than 2-1/4 inches.

3.5.3 Type II, Class B, below work surface. Storage components shall be mounted a minimum of 6 inches above the floor and shall have height adjustments in increments no greater than 2-1/4 inches.

3.5 4 Type III, partitions. Partitions shall permit the components suspended on them to be adjusted vertically in increments of no less than 1 inch for work surfaces and 2-1/4 inches for storage components.

3.5.5 Component variants. Electrical systems, sinks, and computer conduits shall be adjustable to the same degree as the components on which they are mounted.

3.6 Cleanability. Casework surfaces shall have a cleanability equal to a No. 4 finish (150 grit) on 300 series stainless steel, which once clean can demonstrate a residual soil of no more than 70 micrograms per square inch (NSF No 30, paragraphs 3.1.1 and 3.2.1). Surfaces shall be cleanable with bacteriocidal agents such as phenolic compounds or quaternary ammonium components (quats) without alteration of the finish (NSF No. 30, paragraph 3.2.1).

3.7 Materials The materials used in the components and component variants of the casework shall be resistant to chemicals, heat, and fire as set forth below. Surfaces shall be free of crevices, cracks, pits, or inclusions and shall have rounded or beveled edges and corners. There shall be no protrusions that could cause bodily harm on impact.

3.7.1 Chemical resistance When exposed to chemicals listed in Appendix A of this specification, the surface of components and variants shall show no deteriation other than a slight change of gloss, slight discoloration, or a temporary softening of the finish with no loss of adhesion or film protection (NSF No. 30, paragraphs 3.2.2).

3.7.2 Heat resistance. The surface of components and variants, when exposed to temperatures up to 356 degrees Fahrenheit (°F) for 20 minutes, shall show no blisters, cracks, or breakdown of the surface and no perceivable change in color or surface texture. (NEMA LD3-1980, Section LD3-3.06).

Downloaded from http://www.everyspec.com

3.7.3 Fire resistance. The components and variants shall be non-combustible at temperatures of 356°F or less.

3 8 Color. Color shall be as selected by the contracting officer or his representative from the complete range of the manufacturer's standard colors.

3.9 Load capacity Type I, work surfaces and the shelves of Type II, Class A, above work surface storage components shall have a load capacity of no less than 30 pound-force per square foot and a maximum deflection of no more than 1/200th of the space when so loaded.

3.9.1 Type II, Class B, below work surface storage component shelves shall have a load capacity of no less than 64 pounds per square foot with a maximum deflection when so loaded of no more than 1/200th of the span.

3.9.2 Type III, partitions, shall provide stable support for the weight of the attached components and variants and the total weight carried in or on the components Partitions shall be capable of supporting the following loads in addition to the weight of the casework components

Size 1	3,000 pounds loaded both sides
Size 2	2,520 pounds loaded both sides
Size 3	2,520 pounds loaded both sides
Size 4	1,500 pounds loaded both sides.
Size 5	1,260 pounds loaded both sides
Size 6	1,260 pounds loaded both sides
Size 1	1,500 pounds loaded on one side only
Size 2	1,260 pounds loaded on one side only
Size 3	1,260 pounds loaded on one side only.
Size 4.	750 pounds loaded on one side only
Size 5:	630 pounds loaded on one side only.
Size 6:	630 pounds loaded on one side only.

3.10 Closure Type II, Class A, variant (b) above work surface storage components and Class B, variant (b) shall have doors or closures that have no opening of more than 1/32 inch in width when closed (NSF No. 30, Sect 1, paragraph 2 3)

3.11 Security Type II storage, Class A and B components fitted with doors or drawers shall be designed so that locks complying with ANSI A156 11 may be fitted to the doors and to drawers. Locks and keying instructions shall be specified (see 6.2.1).

3.12 Electrical subsystems. Type III, variant (a) partitions shall be equipped with an electrical subsystem incorporated in the partition. This subsystem shall provide 120 volt, 15 and 20 ampere electrical service. There shall be a ground fault interrupter circuit breaker, and there shall be no less than one 120 volt outlet with hospital grade receptacles for each 24 inches of partition width. Conduit shall be provided to permit plug-in to a power source The subsystem components must have the approval of Underwriters Laboratories, Inc. Type III, variant (b), in addition to the electrical subsystem shall have 1-1/4 inch conduit and one outlet for computer cabling.

Downloaded from http://www.everyspec.com

3.13 Plumbing subsystem. Type I variant (b) work surfaces shall have a stainless steel sink, 14 inches wide, 14 inches long, and 7 inches deep mounted in the work surface. This shall have a cold water gooseneck faucet and wrist blade controls There shall be a quick disconnect at the water inlet to the faucet assembly and there shall be a minimum length of 8 feet of flexible water tubing with quick disconnects at both ends (see 6.2.1). Sink shall be provided with a flexible drain line resistant to chemicals used in hospital laboratories and a minimum of 9 feet in length (see 6.2.1).

4. QUALITY ASSURANCE PROVISIONS

4 1 Responsibility for testing and inspection. Unless otherwise specified the contractor is responsible for the performance of all testing and inspection requirements as specified herein. Except as otherwise specified, the contractor may use his own or any other facilities suitable for the performance of the testing and inspection requirements specified herein, unless disapproved by the Government The Government reserves the right to perform any of the tests and inspections set forth in this specification where such inspections are deemed necessary to assure that supplies and services conform to requirements.

4.1 1 Component and material inspection Components and variants will be inspected and shall be tested in accordance with all the requirements specified herein and in applicable referenced documents.

4.2 First article inspection. First article inspection and testing will be performed by the Government on one of each type of component and variant to be acquired The items to be inspected and tested shall be an installed standard production item from the contractors current inventory (see 6 2.1).

4.3 Inspection Upon delivery, each component and variant and each configuration will be examined by the Government to verify compliance with the requirements of this specification. The inspection will encompass all visual and tactile examinations and dimension measurements that apply to the fabrication of the components and final assembly of the configurations Failure of a component or configuration to meet any requirement shall constitute cause for nullification of all acquisition documents or purchase orders for that item.

4 4 Tests The following tests shall apply to all components and variants in the acquisition documents (see 6.2).

4.4.1 Materials. There shall be a certificate of compliance for each component and variant from the manufacturer stating that the materials fulfill the chemical and heat resistance tests of Appendix B of NSF No 30 and further meet all requirements of paragraphs 3.6, 3.7, 3.7.1, 3.7.2, and 3.7.3 of this specification.

4.4.2 Electrical subsystems. There shall be a certification from Underwriters Laboratories, Inc. provided by the Manufacturer, that electrical subsystem components are fully approved for use in Type III, Partitions, Variants (a) and (b), in hospital laboratories and pharmacies (see 6.2.1).

Downloaded from http://www.everyspec.com

4.4.3 Plumbing. Sinks and plumbing shall comply with ANSI A112.19.3 and paragraph 3.13 of this specification (see 6.2.1).

4.5 Security test. Storage facilities provided with locks shall be able, upon delivery, to show compliance with specifications and tests of ANSI A156.11 and with paragraphs 3.11 (see 6.2.1).

4.6 Packaging inspection The preservation, packaging, and marking of casework shall be inspected by the contractor to verify conformance with the requirements of Section 5 of this specification.

5. PACKAGING

5.1 Preservation and packaging Unless otherwise specified, components shall be preserved and packaged in an assembled condition in a manner that will insure protection against deterioration and damage during shipment from the supply source to the first receiving activity. Drawers and doors shall be closed and secured with tape or by other means. Surfaces of the components shall be protected to prevent damage to surfaces Loose components and small attachments, such as screws, nuts and bolts, and brackets, shall be packaged in commerical cartons or bags and secured to the components in a protected location Containers and packaging shall comply with applicable carrier rules and regulations (see 6 2.1)

5.2 Marking. Unless otherwise specified, marking shall be in accordance with MIL-STD-129 (see 6.2.1).

6. NOTES

6 1 Intended use The movable modular casework and variants are for use in laboratories and pharmacies of medical facilities.

6.2 Ordering data.

6.2 1 Acquisition requirements. Acquisition documents should specify:

a. Title, number, and date of this specification.
b. Number of each configuration (see Appendix B).
c. Location of configurations and variants (see 3.2.3)
d Locks required and keying instructions (see 3.11)
e. Length of flexible water tubing if it varies from 8 feet (see 3.13)
f. Length of chemical resistant drain line if it varies from 9 feet (see 3.13).
g First articles required for inspection and approval (see 4.2).
h. When a certificate of compliance shall be furnished in lieu of testing (see 4.4.2, 4.4.3, 4.5).
i. Level of preservation and level of packing required (see 5.1).
j. Marking other than as specified (see 5.2).

6.2.2 Specifying casework. It shall be the responsibility of the specifier to determine the configuration requirements for casework. This determination shall be based on the following definitions and the component types of Appendix B.

Downloaded from http://www.everyspec.com

6.2.2.1 Laboratory work stations. A laboratory work station consists of the space, storage, and equipment required for two technicians, based on the use of modular components in a configuration that provides work surface and storage. Laboratory work stations are provided in six configurations, A, B, C, D, E, and F Work stations with sinks, Type I, variant (b), should be provided on a ratio of 1 for every 5 work stations without sinks.

6.2.2.2 Pharmacy work station A pharmacy work station consists of the space, storage, and equipment required to support pharmacy activities based on the use of modular components in a configuration that provides work surface and storage Pharmacy work stations are provided in four configurations, D, F, G, and H.

Custodians:

Army - MD
Navy - YD
Air Force - 03

Preparing Activity:

Navy - YD

(Project 6530-1697)

Downloaded from http://www.everyspec.com

APPENDIX A

CHEMICALS FOR SPOT TEST ON WORK SURFACES FOR HOSPITAL CABINETRY

ACIDS

Nitric, 30 percent
Acetic, Glacial

BASES AND SALTS

Potassium Permanganate, 2 percent
Silver Nitrate, 10 percent
Sodium Hydroxide, 10 percent
Sodium Hydroxide, 5 percent
Ammonium Hydroxide, 5 percent

SOLVENTS

Carbon Tetrachloride*
Acetone*
Formaldehyde, 37 percent
Methanol*
Ethyl Acetate*
Toluene*
Ethyl Ether*
Ethyl Alcohol*
Chloroform*
Phenol, 85 percent

STAINS

Aqueous Eosin Bluish, 5 percent
Aqueous Gentian Violet, 1 percent
Wright's Blood Stain

---

* Considered Volatile Solvents.

Downloaded from http://www.everyspec.com

APPENDIX A

CHEMICALS FOR SPOT TESTS ON WORK SURFACES FOR LABORATORY FURNITURE

ACIDS

Sulfuric, 33 percent
Sulfuric, 77 percent
Sulfuric, 96 percent
Hydrochloric, 20 percent
Hydrochloric, 37 percent
Nitric, 30 percent
Nitric, 70 percent
Acetic, Glacial
Phosphoric, 90 percent
Formic, 90 percent

BASES AND SALTS

Potassium Permanganate, 2 percent
Silver Nitrate, 10 percent
Sodium Hydroxide, 10 percent
Sodium Hydroxide, 40 percent
Sodium Hydroxide, Flake
Sodium Hypochlorite, 5 percent
Ammonium Hydroxide, 28 percent

SOLVENTS

Carbon Tetrachloride*
Acetone*
Formaldehyde, 37 percent
Benzene*
Methanol*
Ethyl Acetate*
Toluene*
Ethyl Ether*
Ethyl Alcohol*
Chloroform*
Phenol, 85 percent

STAINS

Aqueous Eosin Bluish, 5 percent
Aqueous Gentian Violet, 1 percent
Wright's Bood Stain

---

* Considered Volatile Solvents.

Downloaded from http://www.everyspec.com

APPENDIX A

CHEMICALS FOR SPOT TEST FOR CABINET SURFACES

HOSPITAL CABINETRY

ACIDS

Nitric, 25 percent
Acetic, Glacial

BASES AND SALTS

Sodium Hydroxide, 10 percent
Ammonium Hydroxide, 5 percent
Hydrogen Peroxide, 5 percent
Trisodium Polyphosphate, 30 percent

SOLVENTS

Ethyl Alcohol
Ethyl Acetate
Ethyl Ether
Xylene
Acetone
Phenol, 40 percent
Formaldehyde, 37 percent
Carbon Tetrachloride

STAINS

Aqueous Eosin Bluish, 5 percent
Aqueous Gentain Violet, 1 percent
Wright's Blood Stain

LABORATORY FURNITURE

ACIDS

Sulfuric, 60 percent
Sulfuric, 25 percent
Hydrochloric, 30 percent
Nitric, 25 percent
Phosphoric, 75 percent
Formic, 50 percent
Acetic, Glacial

Downloaded from http://www.everyspec.com

APPENDIX A

BASES AND SALTS

Sodium Hydroxide, 25 percent
Sodium Hydroxide, 10 percent
Ammonium Hydroxide, 28 percent
Hydrogen Peroxide, 5 percent
Trisodium Polyphosphate, 30 percent

SOLVENTS

Ethyl Alcohol
Ethyl Acetate
Ethyl Ether
Xylene
Acetone
Phenol, 40 percent
Formaldehyde, 37 percent
Carbon Tetrachloride

STAINS

Aqueous Eosin Bluish, 5 percent
Aqueous Gentian Violet, 1 percent
Wright's Blood Stain

Downloaded from http://www.everyspec.com

APPENDIX B

CONFIGURATION ACQUISITION SUMMARY

Work Station	Quantity	Notes
Configuration A Laboratory		
Specimen receiving Specimen processing Development lab Radioimmunoassay Electron microscopy Photographic lab		Indicate on acquisition documents number of Type II, Class A components that are to be Variant (a), open storage, and Variant (b), closed storage.
Total of Configuration A		
Configuration B Laboratory		
Specimen receiving Specimen processing Development lab Radioimmunoassay Electron microscopy Photographic lab		Indicate on acquisition documents number of Type II, Class A components that are to be Variant (a), open storage, and Variant (b), closed storage
Total of Configuration B		
Configuration C· Laboratory		
Chemistry lab Urinalysis Blood histology Stat lab Training lab		
Total of Configuration C		
Configuration D· Laboratory and Pharmacy		
Chemistry lab Urinalysis Blood histology Stat lab Training lab Pharmacy manufacturing Pharmacy prepackaging		
Total of Configuration D		

Downloaded from http://www.everyspec.com

APPENDIX B

Work Station	Quantity	Notes
Configuration E: Laboratory		
Media preparation Hematology Serology/immunology Cytology Bacteriology Parasitology Mycology Virology		Indicate on acquisition documents number of Type II, Class A components that are to be Variant (a), open storage, and Variant (b), closed storage.
Total of Configuration E		
Configuration F: Laboratory and Pharmacy		
Media preparation Hematology Serology/immunology Cytology Bacteriology Mycology Virology Pharmacy IV additive		Indicate on acquisition documents number of Type II, Class A components that are to be Variant (a), open storage, and Variant (b), closed storage
Total of Configuration F		
Configuration G. Pharmacy		Indicate on acquisition documents number of Type II, Class A components that are to be Variant (a), open storage, and Variant (b), closed storage.
Pharmacy Outpatient Work Area		
Total of Configuration G		
Configuration H Pharmacy		
Unit dose assembly area		Show specific dimensions on acquisition documents.
Total of Configuration H		

Downloaded from http://www.everyspec.com

INSTRUCTIONS In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge *(DO NOT STAPLE)*, and mailed In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems Enter in block 6 any remarks not related to a specific paragraph of the document If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered

NOTE This form may not be used to request copies of documents nor to request waivers, deviations, or clarification of specification 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

(Fold along this line)

(Fold along this line)

DEPARTMENT OF THE NAVY
Commanding Officer (04M2)
Naval Facilities Engineering Command
200 Stovall Street
Alexandria, VA 22332-2300

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO 12503 WASHINGTON D C

POSTAGE WILL BE PAID BY THE DEPARTMENT OF THE NAVY

Commanding Officer (Code 156)
Naval Construction Battalion Center
Port Hueneme, CA 93043

Downloaded from http://www.everyspec.com

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions – Reverse Side)

1. DOCUMENT NUMBER
MIL-C-29240

2. DOCUMENT TITLE CASEWORK, MOVEABLE AND MODULAR, FOR HOSPITAL LABORATORIES AND PHARMACIES, PERFORMANCE SPECIFICATIONS FOR,

3a. NAME OF SUBMITTING ORGANIZATION

4. TYPE OF ORGANIZATION *(Mark one)*

- ☐ VENDOR
- ☐ USER
- ☐ MANUFACTURER
- ☐ OTHER *(Specify)* _____

b. ADDRESS *(Street, City, State, ZIP Code)*

5. PROBLEM AREAS

a. Paragraph Number and Wording

b. Recommended Wording

c. Reason/Rationale for Recommendation

6. REMARKS

7a. NAME OF SUBMITTER *(Last First MI)* – Optional

b. WORK TELEPHONE NUMBER *(Include Area Code)* – Optional

c. MAILING ADDRESS *(Street, City, State, ZIP Code)* – Optional

8. DATE OF SUBMISSION *(YYMMDD)*

DD FORM 82 MAR 1426

PREVIOUS EDITION IS OBSOLETE