

CHAPTER 12B

CABINETS AND CASEWORK

12B-01. GENERAL

a. Shop drawings are required. Check for approval and necessary information which should include the following:

Plan and elevation details
Lay out
Gage of metal, thickness of wood
Mounting and anchorage
Hardware type and finish
Reinforcing for hardware

b. Check American National Standards Institute (ANSI) Standard A161.1 for kitchen cabinets and A156.9 for cabinet hardware.

c. Check Military Specification NIL-C 20709 for medical and dental casework.

d. Check for receipt of required samples and the approval action. This should be in writing, informing the contractor of the action, i.e. , approval with or without comments.

e. A certificate indicating casework material compliance with specific requirements in the specification will be required.

12B-02 MATERIALS

a. Metal.

(1) As stated, metal casework shall conform in all respects to provisions in MIL-C-20709. Person responsible for approval action will need to review this military specification.

(2) Casework is usually made of carbon steel with a baked enamel finish. Check your specifications as stainless steel may be required.

(3) Cabinets are made of carbon steel with baked enamel finish.

(4) Check for good workmanship in fit-up and fastenings. Exposed welds are to be ground smooth.

(5) Should a workmanship question occur, check the quality of the approved sample.

b. Wood.

(1) Casework shall be finished with plastic laminate over plywood or particleboard. Check for delamination at edges and joints.

(2) Cabinets shall be natural or paint finish or hardwood plywood.

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(3) Check cabinet construction, reinforcing and finish by comparison with the approved sample cabinet.

(4) Check for drawer stops.

c. Hardware.

(1) Cabinet hardware shall be stainless steel or chromium-plated brass, as specified.

(2) Check for thru-bolted hardware attached to units with particleboard core.

(3) Drawer guides shall be firmly and adequately fastened to framework.

d. Countertop and Backsplash.

(1) Check items with approved sample.

(2) Laminate material shall comply with the LD3 Standard of the National Electrical Manufacturers Association (NEMA)

e. Delivery and Storage

(1) Check for damage at delivery and reject unrepairable units or items.

(2) Store units in a protected location to prevent damage.

12B-03. INSTALLATION

a. Precautions shall be taken to prevention of damage to room finishes during installation of casework and cabinets.

b. Check alignment for level and plumb installation.

c. Anchors and fasteners shall be at the required interval and locations specified. Spot check fastening and anchor effectiveness.

d. Check for door and drawer alignment and acceptable operation.