

FEDERAL SPECIFICATION

FILING CABINET, LEGAL AND LETTER SIZE, UNINSULATED, SECURITY

The General Services Administration has authorized the use of this amendment, which forms a part of AA-F-358J, dated November 2, 2010, by all federal agencies.

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Paragraph 1.2.2 Designs. Add the following:

SL – Single lock. A single combination lock in the control drawer which controls access to each of the drawers in the cabinet (see 3.3.1.1 and Figure IV).

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Paragraph 2.2 Other publications. Add the following sentence under:

American Society for Testing and Materials (ASTM)

A 6/A 6M Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet Piling

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Paragraph 3.2 Material. Delete entirely and substitute the following:

3.2 Material. Materials used in the cabinet's construction shall be as specified herein. Materials not specified shall be of good commercial quality, suitable in all respects for the purpose intended. Materials used in the cabinet shall be of the type, thickness and strength to meet all applicable requirements of this specification. Materials shall be free from rust, scale, pits, buckles and other imperfections which might adversely affect the appearance or the serviceability of the finished product.

3.2.1 Class 5 Steel Requirements. The steel used to construct the body and drawer heads of class 5 cabinets shall be a minimum of 5/16 inch thick AR500 (per ASTM A 6/A 6M) or equivalent.

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3.2.2 Face hardware. The face hardware, excluding combination locks and carrying handles and lock dial protector on Size VIII cabinets, shall be satin finished anodized aluminum or stainless steel, or satin finished chromium on steel or on die cast zinc, brass or bronze. The exposed surfaces of all hardware used on a single unit shall be finished to match each other within the limits of the base material and protective coating used. The exposed surfaces of all face hardware shall be free of sharp edges, burrs, pits, nicks or scratches that penetrate the protective plating or anodizing.

3.2.3 Finishing materials.

3.2.3.1 Enamel and Lacquer. The final coat for the cabinet shall be powder coat, epoxy, acrylic, lacquer or urethane and applied to a thickness of 3.0 mil. The color shall be as specified in 3.2.4.

3.2.3.2 Chromium plating. Chromium plating shall be in accordance with class I, type II of QQ-C-320.

3.2.3.3 Cadmium plating. Cadmium plating shall be in accordance with class I of QQ-P-416.

3.2.3.4 Zinc coating. Zinc coating shall be in accordance with ASTM B633, Type I, with a thickness coating classification of Fe/Zn 8.

3.2.4 Color of finish. The color of finish shall be as specified (see 6.2) from the following colors as provided by FED-STD-595.

Gray – Color No. 26134
Black – Color No. 27040
Parchment – Color No. 27769

(Sample panels of the standard colors are obtainable, without charge, from the Business Service Center, Federal Supply Service, General Services Administration, Washington DC 20407, or from the Business Service Center of the nearest Regional Office.)

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Paragraph 3.3.1.1 Design DL, DM and ML. Delete and substitute the following:

3.3.1.1 Design DL, DM, ML and SL. The general exterior appearance of the DL, MD, ML and SL cabinets shall be as shown in Figures I, II, III, and IV, respectively. The illustrations identify the basic styling required. They do not represent specific location or design of face hardware (locks, drawer handles and label holders) on drawer fronts, unless otherwise specified herein. Design ML and DM cabinets shall have interior, drawer compartment partitions installed between each drawer to provide security to the individual drawer user. The partitions shall be welded in position and shall completely isolate each drawer from any other drawer.

Paragraph 3.3.2 Dimensions and weights. Delete and substitute the following:

3.3.2 Dimensions and weights. The cabinets, exclusive of face hardware and caster base platform, shall be of the maximum dimensions and weights specified in Table I. The minimum weight of all cabinets except special size (Class 5 Size IV, Class 6 Sizes VI, VII and VIII) shall be 250 lbs. The weight shall be permanently marked on the cabinet base or on the left or right front upright near the cabinet base. The characters shall be no less than 1/2 inch in height and shall be visible from the front of the cabinet.

Add the following new paragraph:

3.3.2.1 Cabinet mounting. Special size cabinets weighing less than 250 lbs. (Class 5 Size IV, Class 6 Sizes VI and VII), shall have provisions for securely mounting the container that will be subject to covert entry testing (paragraph 4.6.11) when the container is unmounted. Special size (except Class 6 Type VIII) and Class 6-S security containers shall be mounted in accordance with manufacturer's provided instructions in order to maintain GSA approval.

Paragraph 3.3.3 Assembly. Add the following paragraph:

3.3.3.2 Unspecified design features. The Government reserves the right to eliminate any manufacturers design feature that is not required by the specification which could cause unanticipated operational, procedural or life safety problems with the intended use (per paragraph 1.2) of the product.

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Paragraph 3.3.4.8 Lock box. Delete entirely and substitute the following:

3.3.4.8 Lock box. The control drawer in Design SL and DL, or each drawer of a Design ML container, shall have a six sided lock box welded to the front plate of the drawer face constructed in such a way that it provides for the protection of the combination lock and its interface with the drawer bolt work as specified in paragraph 3.7. The drawer head and lock box shall be designed such that the lock mounting plate is a minimum of 1" from the lock dial ring mounting surface.

3.3.4.8.1 Internal dimensions. The lock box shall have internal dimensions of 2-1/2" x 5" x 1-1/2" to accommodate the combination lock; lock bolt and security container drawer bolt work.

3.3.4.8.2 Material. The lock box shall be constructed of a minimum of 3/8" hardened steel on all sides. The front, sides, top and bottom of the lockbox shall be constructed with a material that will pass the covert entry tests of 3.7.

3.3.4.8.3 Lock mounting plate. A ¼” thick combination lock mounting plate drilled and tapped for four (4) ¼-20 mounting holes (through the plate as in figure V) and with a 3/8” spindle hole for the combination lock shall be welded to the inside of the lock box. The lock mounting surface of the lock mounting plate shall have a flatness tolerance of 0.003 inch per inch.

3.3.4.8.4 Lock box removable plates. To allow access to the combination lock for installation and maintenance purposes, a removable ¼” hardened steel plate configured to slide into a captured slot of the lock box shall be provided, such that a punching force through the spindle hole cannot drive the plate from the lock box. In addition, a second steel filler plate shall be provided if required to fill any void space between the back of the combination lock and the ¼” steel plate.

3.3.4.8.5 Combination lock bolt engagement. The lock box shall be configured such that when the security container is secure, the control drawer bolts shall fully engage the combination lock bolt by a minimum of 3/16” creating an engagement area of 0.058 square inch minimum.

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Add the following paragraph:

3.4.1.4 Locking mechanism for Design SL cabinets. The Design SL cabinets shall be equipped with a single built-in, changeable, combination lock. The lock shall be mounted in the control drawer of the cabinet. The lock shall control the locking of the entire container. It shall not be possible to unlock the drawers without dialing the correct combination setting. The lock shall meet the requirements of paragraph 3.4.2.

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Paragraph 3.5.2 Finish. Delete entirely and substitute the following:

3.5.2 Finish. The finish coating specified in 3.2 shall be applied to all exterior and interior metal surfaces except plated metal. The exterior coating shall be textured. The texture shall be designed to make it difficult to disguise covert entry attempts. The minimum total finished film thickness of the final coat shall not be less than 3.0 mil. The finish shall level out to produce uniform exposed surfaces without runs, wrinkles, grit, areas of thin or no film or separation of color. Special attention shall be given to the base and interior to ensure that all surfaces are adequately protected against rust. The final finish shall withstand the test in 4.6.13 without evidence of cracking, flaking or loss of adhesion of the finish. Two test panels of 20 gage (0.0359 inch) steel shall be furnished with the cabinet for the purpose of the test in 4.6.13. One panel shall be prepared to reflect the inner coating and one to reflect the outer coating used.

Paragraph 3.8 Labels. Delete entirely and substitute the following:

3.8 Labels. Each cabinet furnished under a contract or order under this specification shall bear metallic labels showing the information specified hereunder. Labels shall be attached with a durable adhesive sufficient to preclude removing the label without destroying the label. Regardless of the method used, the attachment shall not degrade the cabinet security.

3.8.1 General Services Administration label. This label shall be affixed to the outside face of the control drawer. The label shall have a silver background and red letters not less than 1/8 Inch in height.

3.8.1.1 – Class 5 and 6 label. The label shall be as follows:

GENERAL SERVICES ADMINISTRATION
APPROVED SECURITY CONTAINER
MANUFACTURER'S NAME

3.8.1.2 – Class 6-S label. The label shall be as follows:

GENERAL SERVICES ADMINISTRATION
APPROVED SECURITY CONTAINER
SHIPBOARD
MANUFACTURER'S NAME

3.8.1.3 – Class 5-W label. The label shall be as follows:

GENERAL SERVICES ADMINISTRATION
APPROVED
WEAPONS CONTAINER
(Weapons Storage Only)
MANUFACTURER'S NAME

3.8.2 Identification label. This label or labels shall be affixed to the external side of the control drawer. On ML and DM cabinets, the label shall be on the top or second drawer. The label shall show, in easily read letters, the manufacturer's name and address, the cabinet's model and serial numbers, date of manufacture, and the Government contract number.

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3.8.3 Certification label. This label shall be affixed to the external side of the control drawer. The label shall show the following in easily read letters not less than 1/8 inch in height:

For the class 5 cabinet –

“This is a U.S. Government Class 5 cabinet which has been approved by GSA under Fed. Spec. AA-F-358J. It affords the following protection:

30 man-minutes against covert entry.
10 man-minutes against forced entry.
20 man-hours against surreptitious entry.”

For the class 6 cabinet -

“This is a U.S. Government Class 6 cabinet which has been approved by GSA under Fed. Spec. AA-F-358J. It affords the following protection:

30 man-minutes against covert entry.
20 man-hours against surreptitious entry.
No forced entry requirement.”

For the class 6-S cabinet -

“This is a U.S. Government Class 6-S cabinet which has been approved by GSA under Fed. Spec. AA-F-358J. It affords the following protection:

Resistance to high impact shipboard shock test (MIL-S-901)
30 man-minutes against covert entry.
20 man-hours against surreptitious entry.
No forced entry requirement.”

For the class 5-W cabinet -

“This is a U.S. Government Class 5-W cabinet which has been approved by GSA under Fed. Spec. AA-F-358J. It affords the following protection:

10 man-minutes against forced entry.

This cabinet is intended for use in storing weapons. This cabinet is not intended for the storage of national security information.”

3.8.4 Number label. This label shall be securely affixed to the front face of the product, mounted on the cabinet frame above or to the left side of the top drawer. The label shall be nominal 0.020 inch thick, satin finished aluminum and shall be 2 1/2 by 11/16 inches. The label numbering system shall be established by the manufacturer to provide non-repetitive numbers. The label characters (numbers or letters) shall be minimum 3/16 inches in height and shall be embossed.

3.8.5 Warning label. This label shall be affixed to the top inside of the control drawer head. The label shall show, in red lettering not less than 1/8 inch in height, the following:

Notice: Any modification of this container not in accordance with FED-STD-809 will invalidate the GSA approval and the GSA approval label shall be removed.

3.8.6 Weight Label. For special size containers (Class 5 Size IV, Class 6 Sizes VI & VII) that weigh less than 250 lbs., a separate label shall be required stating that the container must be securely mounted by the provided attachment method in order to maintain GSA approval.

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Paragraph 4.6.11.1 delete in its entirety and substitute the following:

4.6.11.1 Tool size and weight limits. The tools and devices shall be capable of being carried in two cases or bags, each case or bag not exceeding 1.5 cubic feet in volume. The total weight of the tools used in a single test shall not exceed 150 pounds, exclusive of the weight of the case. The test tools and devices selected for a particular attempt shall be weighed prior to commencement of the test.

Add the following new paragraph:

4.6.11.1.1 Surreptitious entry tools and devices. Tools and devices used in the surreptitious entry tests are unlimited.

Add the following new paragraph:

4.6.11.1.2 Covert entry tools and devices. Tools and devices used in the covert entry tests shall be limited as specified below. Power tools, electrically or battery powered shall be commercially available equipment, and shall be limited to drills not exceeding 5000 rpm. Pressure rigs may be used, with a lever arm not exceeding 30 inches. Tools may be reasonably modified, (e.g. special chucks on drills, ground or shaped chisels or pry bars, etc.). Electrical tools shall be able to operate on electricity available in normal office space. Devices for the application of heat shall be limited to single tank propane, butane, or equivalent devices which fall within the weight and dimension limits specified above. Acetylene, MAPP or equivalent shall not be used. Electronic arc or any form of burn bars, oxidizer assisted products or explosives shall not be used.

Add the following new paragraph:

4.6.11.1.3 Forced entry tools and devices. The tools and devices used for forced entry tests shall be limited to non-powered tools only.

Paragraph 4.7 Inspection. Delete entirely and substitute the following:

4.7 Inspection. A visual inspection shall be made of the product to determine compliance with the requirements specified in the following paragraphs:

3.2 Material

3.3.2 Dimensions and weight

3.3.3 Assembly

3.3.4 Drawers, including design, construction, face hardware, stops and latching mechanism

3.3.5 Follower block

3.3.6 Drawer suspensions

3.3.7 Drawer dimensions

3.3.8 Carrying handles and dial knob protector

3.4 Locking mechanism and lock

3.5 Pretreatment and finish 3.8 Cabinet labels

3.9 Workmanship

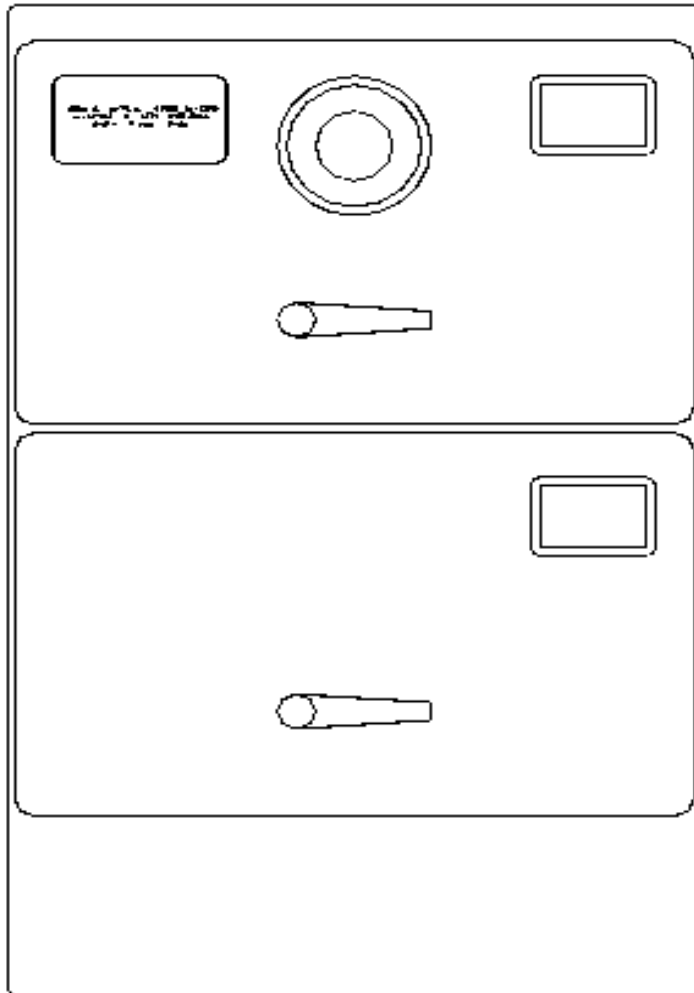
The Testing agency may elect to perform the product Inspection at the manufacturer's facility to enhance the cost effectiveness and timely testing of the submission.

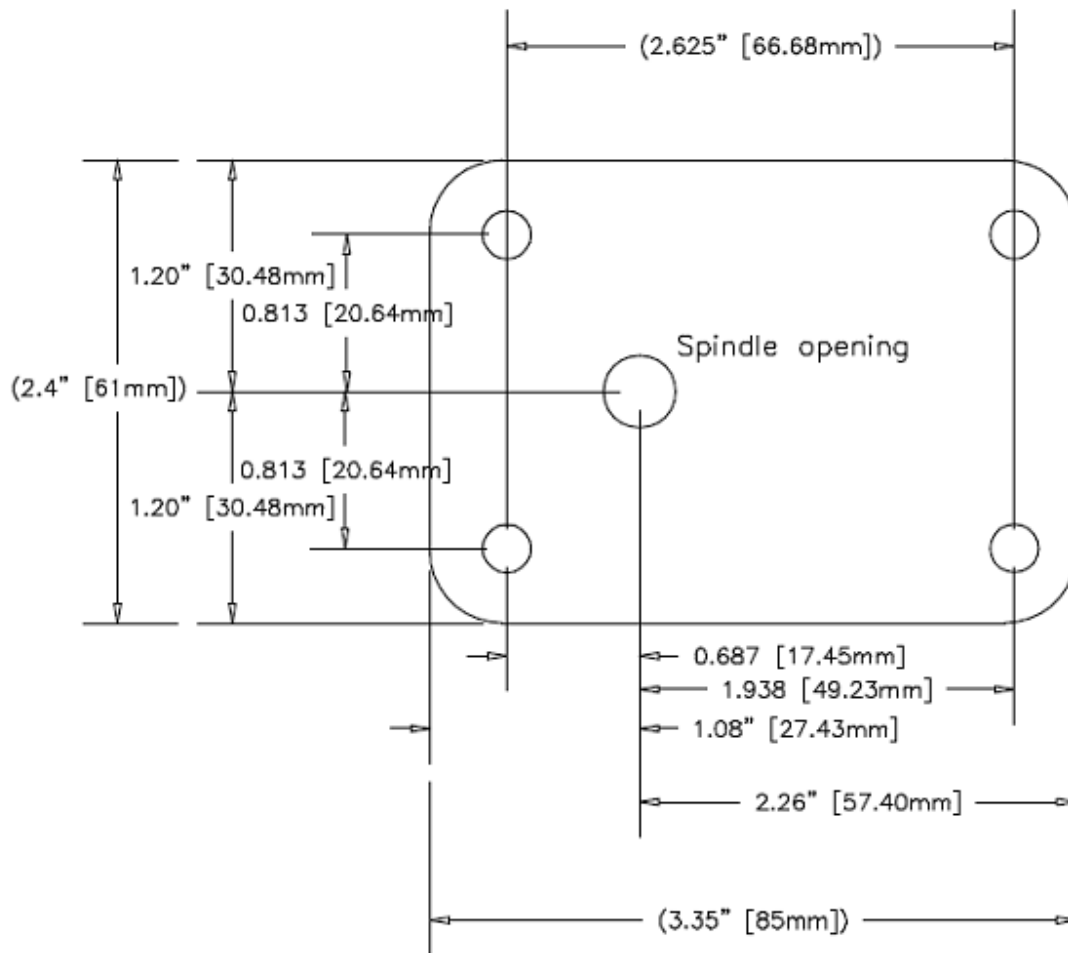
Paragraph 6.1 delete in its entirety and substitute the following:

6.1 Intended use. Cabinets furnished under this specification are intended for the filing and storing of classified material as prescribed by the using activity. Weapons containers are intended for weapons storage and are not authorized for storage of classified material. Cabinets designated as special size (except Class 6 Type VIII) are for use in mobile or transportable tactical communication assemblages where, through installation, they will become an integral part of the assemblage. Cabinets designated as class 6-S containers are for use on DoD ships where, through installation, they will become an integral part of the assemblage

Add the following figures:

Figure IV
Design SL





Tolerances:
XX.XX ±0.01 [±0.25 mm]
XX.XXX ±0.005 [±0.13 mm]

Figure V
Schematic arrangement of lock case holes.

Preparing Activity:
GSA-FAS
FSC 7110