

INCH- POUND

MIL-STD-2046 (SH)  
22 May 1992

MILITARY STANDARD  
MARKING SYSTEM, PHOTOLUMINESCENT



AMSC N/A

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FSC 4240

MIL-STD-2046(SH)

FOREWORD

1. This military standard is approved for use by the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

2. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Naval Sea Systems Command, SEA 55Z3, Department of the Navy, Washington, DC 20362-5101, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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1. SCOPE

1.1 Scope. This standard establishes requirements for the configuration and location of the photoluminescent marking system.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards and handbooks. The following specifications, standards and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation (see 6.2).

SPECIFICATIONS

FEDERAL

A-A-50598

Kit, Photoluminescent Marking.

TT-E-489

Enamel, Alkyd, Gloss, Low VOC Content.

STANDARDS

FEDERAL

FED-STD-595

Colors .

(Unless otherwise indicated, copies of federal and military specifications and standards are available from the Standardization Documents Order Desk, Bldg. 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094. )

2.1.2 Other Government publications. The following other Government publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

NAVSEA S9086-VD-STM-000, Chapter 631 - Preservation of Ships in Service (Surface Preparation and Painting).

(Application for copies should be addressed to the Standardization Documents Order Desk, Bldg. 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

2.2 Order of Precedence. In the event of a conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. DEFINITIONS

3.1 Photoluminescent. Photoluminescent describes the capability of a material to emit light only as a result of excitation by exposure to an external source of incandescent, fluorescent, or ultraviolet light.

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3.2 Marking. Marking is the application of primer; photoluminescent paint; stenciled letters, numbers, and figures; and sealer in the configuration of the photoluminescent system.

3.3 Base coat Primer. Base coat primer is the initial coating applied over the entire dimensional area of the marking.

3.4 Striping. Striping is the paint used in the stenciling of letters, numbers, and figures.

3.5 Sealer. Sealer is the clear, nonyellowing, protective topcoat applied over the entire dimensional area of the marking.

3.6 Excitation Lighting. Excitation lighting is any ambient light source to which the photoluminescent markings are exposed.

## 4. GENERAL REQUIREMENTS

4.1 Photoluminescent marking system locations. Unless otherwise specified, markings shall be located such that they receive maximum exposure to excitation lighting. Markings shall not be located on weather decks or areas where they may be visible from weather decks.

4.2 Markings.

4.2.1 Dimensions. The overall dimensions of the markings shall be as specified herein. All measurements are in inches unless otherwise specified. Dimensions marked with an asterisk (\*) indicate that the spaces between letters and numbers shall be of uniform width. Typical spacing is 3/8 inch between letters.

4.2.2 Centering. Unless otherwise specified, markings required on doors, panels, cabinets, and containers shall, so far as practicable, be centered top to bottom and left to right on the structure.

4.2.3 Photoluminescent paint. Photoluminescent paint shall conform to A-A-50598.

4.2.4 Striping. Paint for striping shall conform to TT-E-489. Colors shall be in accordance with FED-STD-595. Colors specified shall conform to the following color numbers:

<u>Color</u>	<u>Number</u>
Red	11105
Green	14062
Black	17038

4.2.5 Base coat primer. Base coat primer shall conform to A-A-50598.

4.2.6 Sealer. Top coat sealer shall conform to A-A-50598.

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4.2.7 Compatibility. Paint components shall be compatible with all other components .

4.3 Stencil material. Stencil material shall conform to A-A-50598.

4.4 Marking application.

4.4.1 Base coat primer. The base coat shall be bright white in color and shall be applied over the entire dimensional area of the marking in accordance with the manufacturer's detailed application instructions. Surface preparation of previously painted surfaces shall be in accordance with NAVSEA S9086-VD-STM-000/CH-631.

4.4.2 Photoluminescent paint. A minimum of two coats of photoluminescent paint shall be applied over the entire dimensional area of the base coat in accordance with the manufacturer's detailed application instructions. Visible brush marks shall be minimized.

4.4.3 Top coat sealer. The entire dimensional area of the marking shall be covered with clear, nonyellowing sealer in accordance with the manufacturer's detailed application instructions.

4.4.4 Stenciled letters, numbers, and figures. Stenciled letters, numbers, and figures shall be applied over the clear sealer paint as specified herein in accordance with figures 1 through 58.

4.5 Exit, decontamination (decon) station, and first aid/battle dressing station directional markings. Exit, decon station, and first aid/battle dressing station directional markings shall be located on a vertical surface within five feet of each compartment access, except where the compartment opens directly to weather. In compartments having dual egress routes through the space, both routes shall be marked. Routes shall be marked at intervals not to exceed 15 feet. Markings shall be on the same side of compartments or passageways insofar as practicable, and shall be located such that they are easily visible from the surrounding area, and exposed to direct lighting for excitation. Unless otherwise specified, the bottom edges of directional markings shall be located not less than 6 inches or greater than 23 inches above the deck. Where directional markings are collocated, markings shall be applied in a vertical arrangement such that the bottom edge of the lowest marking shall be located not less than 6 inches from the deck, and the top edge of the uppermost marking shall be located not greater than 30 inches from the deck. Where collocation is required, exit markings shall be the lowest marking, and first aid/battle dressing station shall be the uppermost marking.

4.6 Prohibited photoluminescent marking system locations. Photoluminescent markings are prohibited in the following locations:

- (1) Doors, hatches, and scuttles opening to weather.
- (2) Submarine reactor compartments.
- (3) Portable fire extinguisher cylinders.
- (4) Nuclear powered surface ship reactor compartments.

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## 5. DETAILED REQUIREMENTS

5.1 Marking requirements for submarines.

5.1.1 EAB manifolds. EM manifolds shall be marked with a 6 inch wide strip of photoluminescent paint in the center of the manifold. If EAB manifold is recessed in the overhead, place an EAB stencil (Figure 4) directly adjacent to the opening. Photoluminescent paint is not required on EAB manifolds located behind doors marked in accordance with 5.1.15, and those at individual berths.

5.1.2 Escape hatches. Escape hatches shall be marked with a 2-inch wide band of photoluminescent paint around the outside circumference applied to the under side of the deck. Escape hatch operating handles shall be painted with photoluminescent paint. Where interferences prevent a continuous band around the hatch a non-continuous band that clearly outlines the hatch is acceptable.

5.1.3 Inclined ladders. Each dust shield below inclined ladders shall be marked with a horizontal stripe of photoluminescent paint applied above the lowest and uppermost steps.

5.1.4 Vertical ladder rails. Rails of vertical ladders leading to escape hatches shall be marked with photoluminescent paint along their entire length, Rails of vertical ladders leading to scuttles that open directly to weather shall be marked with photoluminescent paint applied from the bottom of the ladder rail up to the midpoint of the vertical length of the rail.

5.1.5 Transverse bulkhead hatches. Transverse bulkhead hatches shall be marked with a 2-inch wide band of photoluminescent paint applied around the perimeter of the hatch on both sides of the transverse bulkhead. Where interferences prevent a continuous band around the hatch a non-continuous band that clearly outlines the hatch is acceptable.

5.1.6 Lower access hatches. Lower access hatches shall be marked with a 2-inch wide band of photoluminescent paint applied around the perimeter of the hatch. Where a lower access hatch is visible from the control room this requirement shall not apply. Where interferences prevent a continuous band around the hatch a non-continuous band that clearly outlines the hatch is acceptable.

5.1.7 Flashlights. Flashlights stowed in passageways shall be marked with a 2-inch wide band of photoluminescent paint applied either around the flashlight holder, or to the exposed upper portion of the bracket, as applicable to the flashlight installation.

5.1.8 Telephone intercom (4MC) systems. Handset holders for 4MC telephone intercom systems shall be marked with photoluminescent paint,

5.1.9 Firehose racks. Half-circle flange faces on firehose racks shall be painted with photoluminescent paint,

5.1.10 Fireplug caps. Fireplug caps shall be painted with photoluminescent paint. Bleeder holes shall not be painted over.

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5.1.11 Markings shall be applied to the door of each OBA canister cabinet and to each side of the cabinet that is normally visible as shown in figure 1. Stenciled letters shall be painted red in accordance with section 4.2.4.

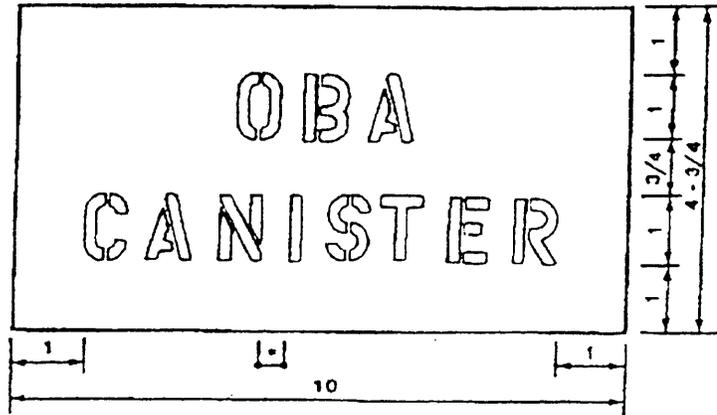


FIGURE 1. OBA canister cabinet marking.

5.1.12 Markings shall be applied to the door of each OBA storage cabinet as shown in figure 2. Stenciled letters shall be painted red in accordance with section 4.2.4.

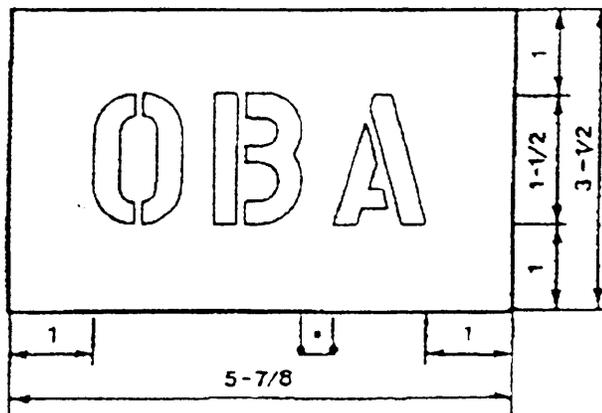


FIGURE 2. OBA storage cabinet marking (horizontal) .

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5.1.13 Markings shall be applied to each side of the OBA storage cabinet that is normally visible as shown in figure 3. Stenciled letters shall be painted red in accordance with section 4.2.4.

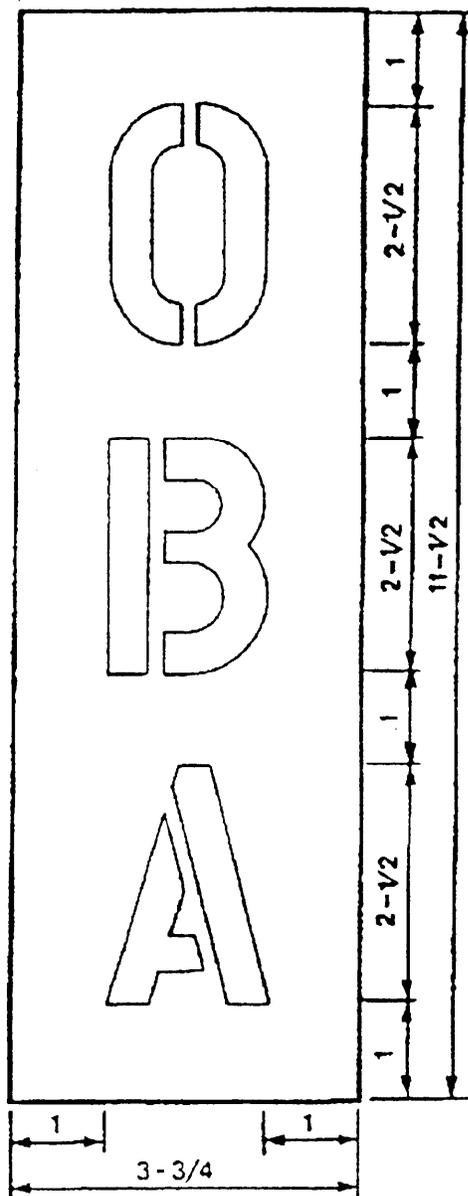


FIGURE 3, OBA storage cabinet marking (vertical) .

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5.1.14 Markings shall be applied to EAB mask stowage cabinets and doors covering EAB manifolds as shown in figure 4. Stenciled letters shall be painted red in accordance with section 4.2.4.

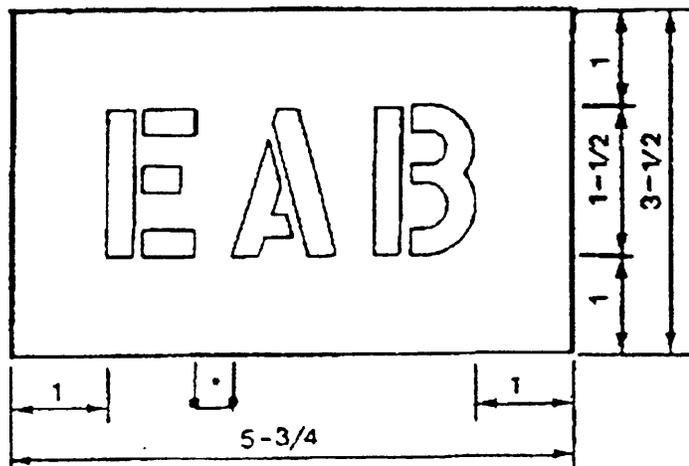


FIGURE 4. EAB stowage marking.

5.1.15 Bulkhead and cabinet top mounted containers housing portable atmospheric analyzing equipment and first aid kits shall be marked with a cross as shown in figure 5. Stenciled letters shall be painted red in accordance with section 4.2.4.

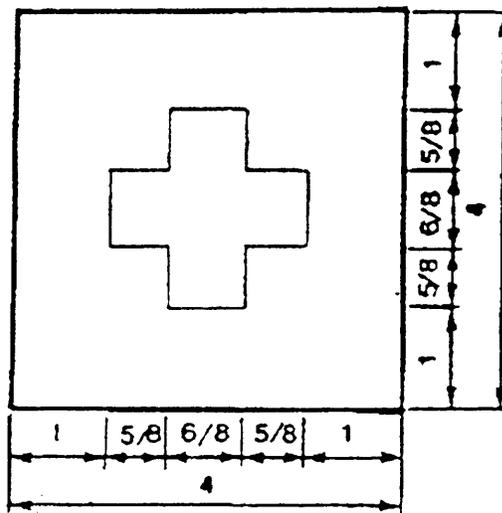


FIGURE 5. Portable atmospheric analyzing equipment and first aid kit marking.

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5.1.16 Entrance doors to damage control lockers shall be marked with figures 6, 7, and 8. Functional damage control locker numbers shall be 2 inches in height and located at uppermost part of the exterior face of the door. Stenciled letters shall be painted red in accordance with section 4.2.4.

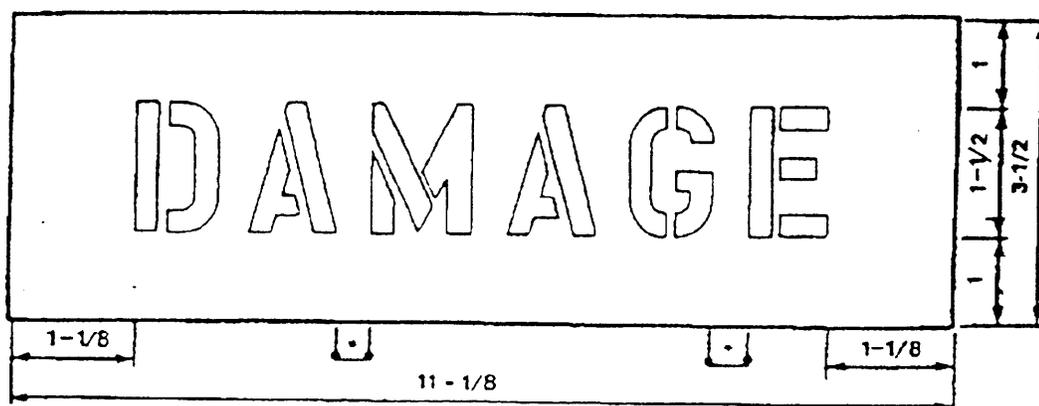


FIGURE 6. Damage control locker marking.

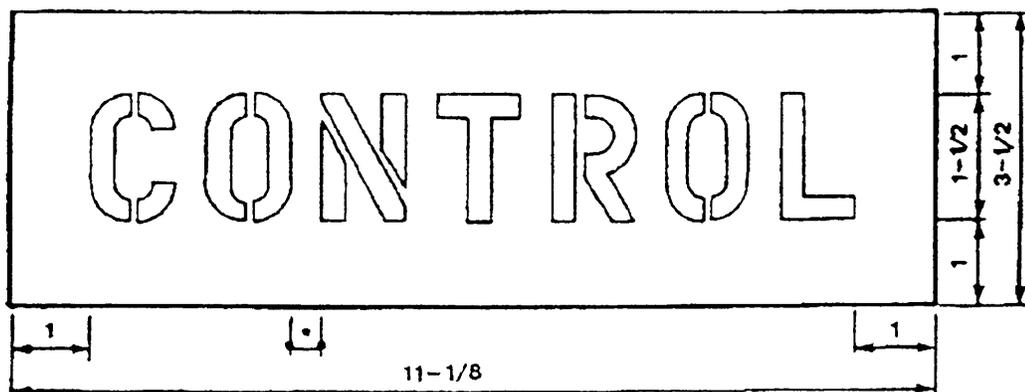


FIGURE 7. Damage control locker marking.

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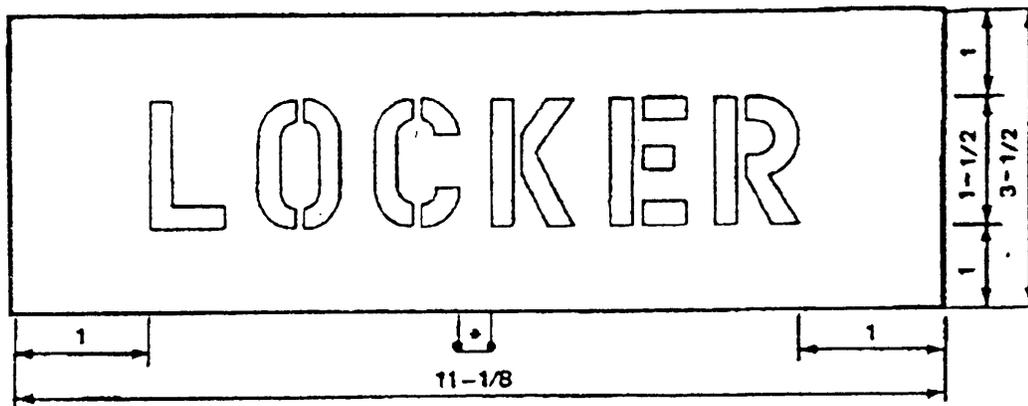


FIGURE 8. Damage control locker marking.

5.1.17 First aid directional markings shall be applied in accordance with section 4.5 and as shown in figure 9. Stenciled letters shall be painted red in accordance with section 4.2.4.

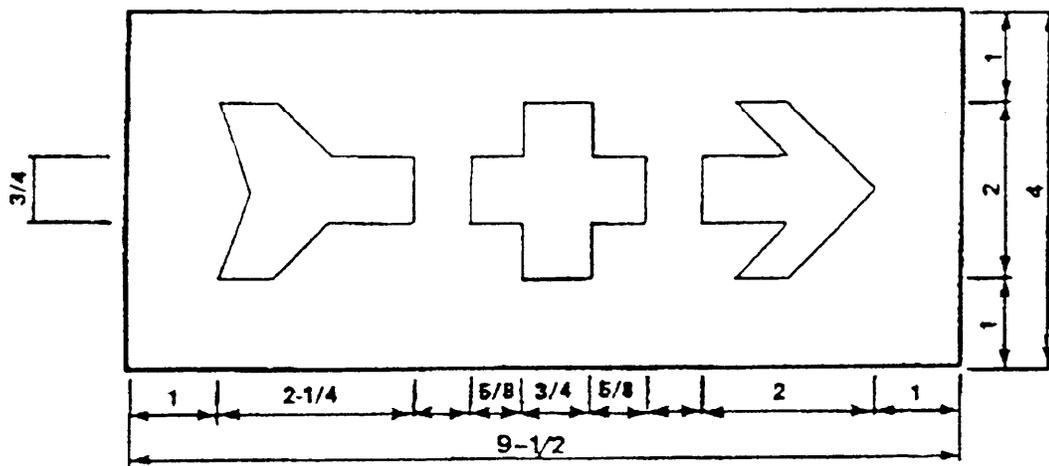


FIGURE 9. First aid directional marking.

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5.1.18 Markings for aqueous potassium carbonate (APC) extinguishing system actuators shall be applied, as shown in figure 10, on the adjacent bulkhead as near as practicable immediately above the actuators. Stenciled letters shall be painted red in accordance with section 4.2.4.

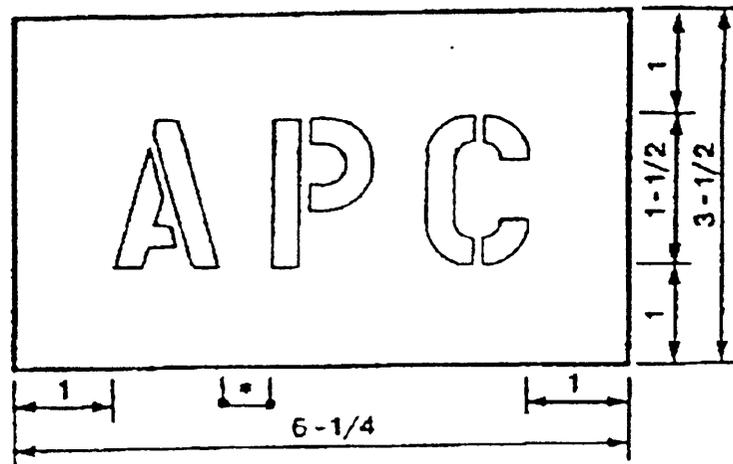


FIGURE 10. APC actuator marking.

5.1.19 Markings for portable AFFF fire extinguishers shall be applied, as shown in figure 11, on the adjacent bulkhead as near as practicable immediately above the fire extinguishers. Stenciled letters shall be painted red in accordance with section 4.2.4.

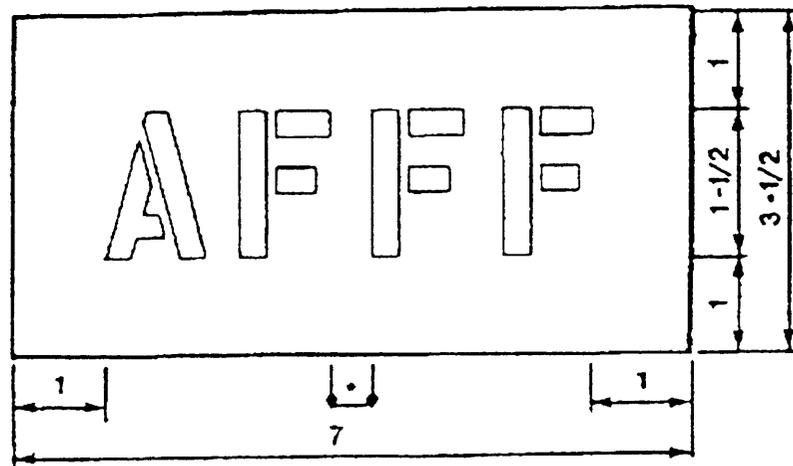


FIGURE 11. Portable AFFF fire extinguisher marking.

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5.1.20 Markings for portable carbon dioxide fire extinguishers shall be applied, as shown in figure 12, on the adjacent bulkhead as near as practicable immediately above the fire extinguishers. Stenciled letters shall be painted red in accordance with section 4.2.4.

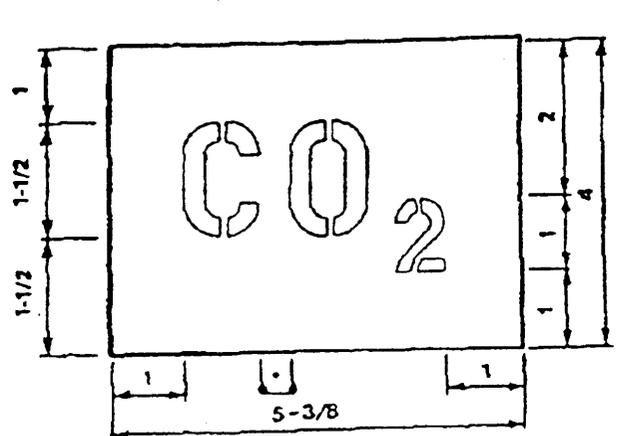


FIGURE 12. Portable CO<sub>2</sub> fire extinguisher marking.

5.1.21 Markings for portable PKP fire extinguishers shall be applied, as shown in figure 13, on the adjacent bulkhead as near as practicable immediately above the fire extinguishers. Stenciled letters shall be painted red in accordance with section 4.2.4.

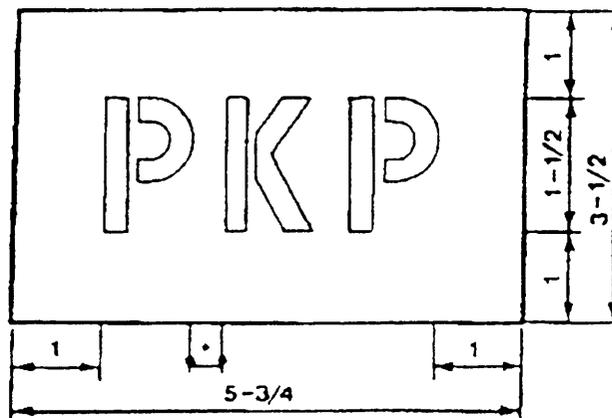


FIGURE 13. Portable PKP fire extinguisher marking.

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5.1.22 Exit directional markings shall be applied in accordance with section 4.5 and as shown in figure 14, 15 or 16. Stenciled letters shall be painted green in accordance with section 4.2.4.

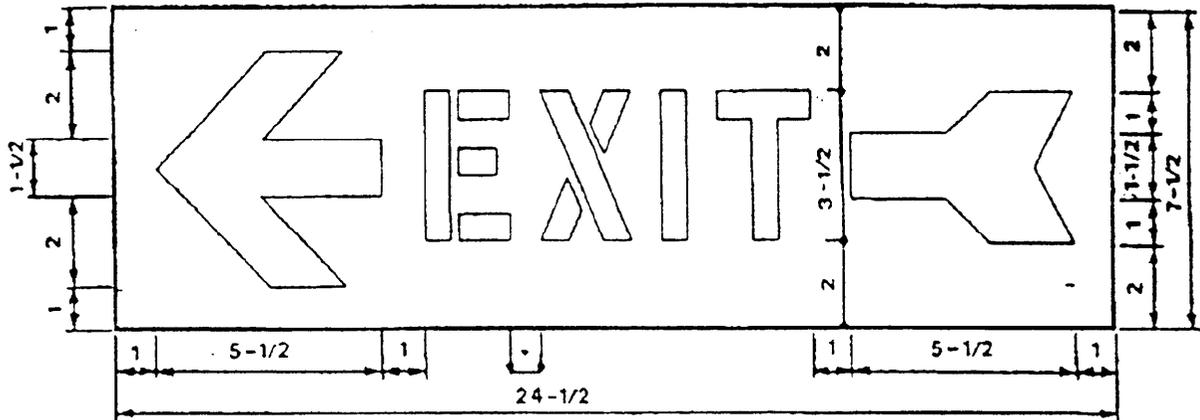


FIGURE 14. Exit directional marking (left).

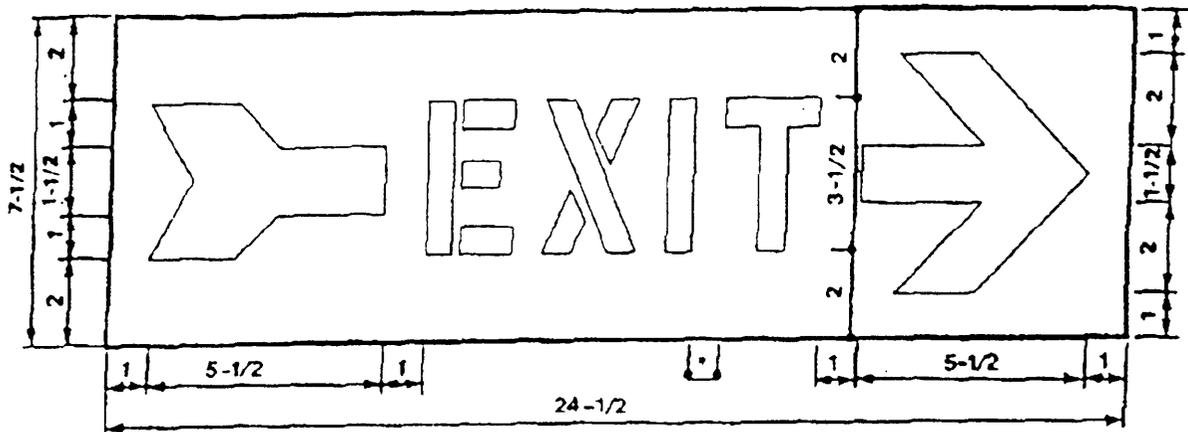


FIGURE 15. Exit directional marking (right).

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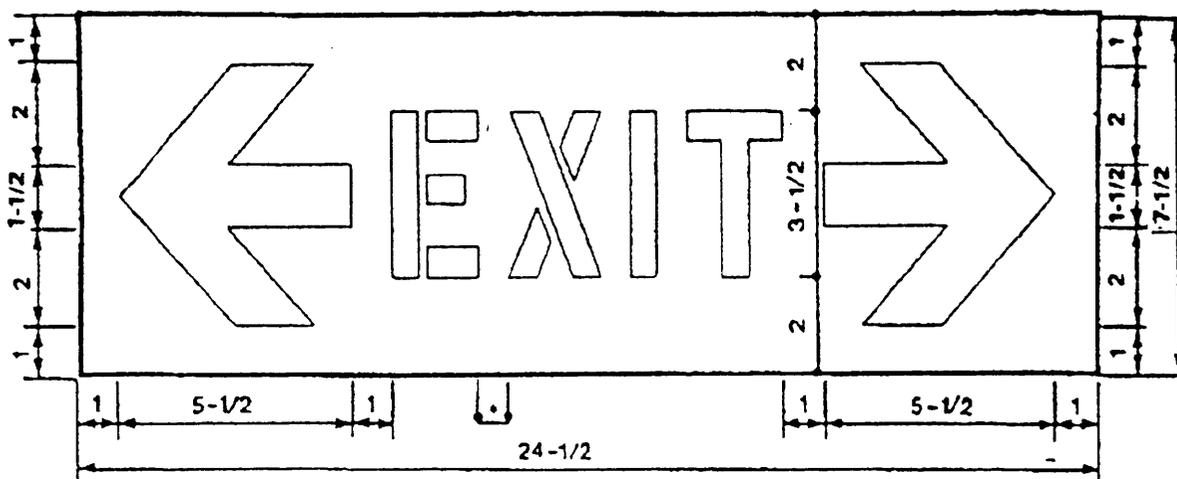


FIGURE 16. Exit directional marking (dual) .

5.1.23 Markings shall be applied to horizontal fire hose lockers shown in figure 17. Stenciled letters shall be painted red in accordance with section 4.2.4.

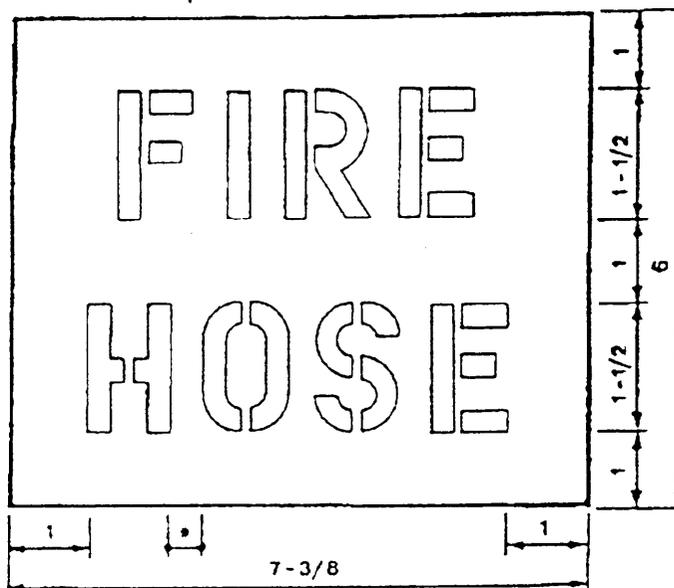


FIGURE 17. Fire hose locker marking (horizontal) .

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5.1.24 Markings shall be applied to vertical fire hose lockers as shown in figure 18. Stenciled figures shall be painted red in accordance with section 4.2.4.

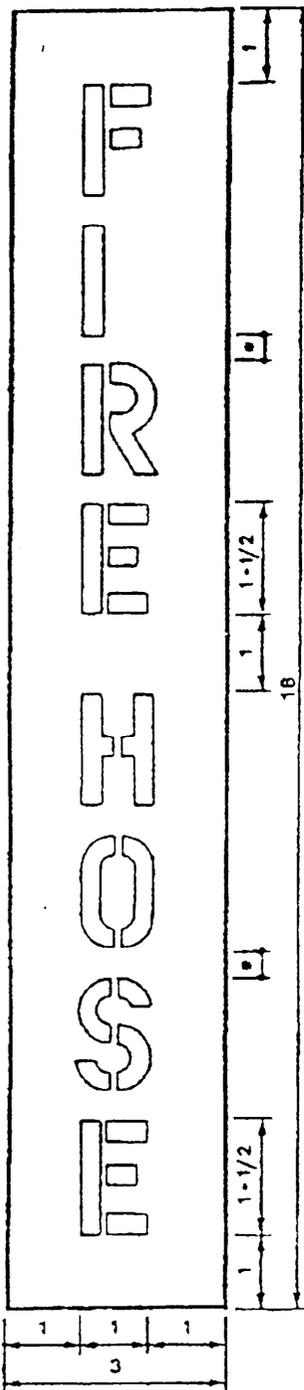


FIGURE 18. Fire hose locker marking (vertical) .

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5.1.25 Frame location markings shall be applied at least once in each compartment less than 24 feet in fore and aft length as near the mid-distance as practicable. For compartments greater than 24 feet in fore-and-aft length, one frame marking shall be applied every 24 feet. Markings shall be applied as shown in figure 19. Stenciled letters shall be painted black in accordance with section 4.2.4.

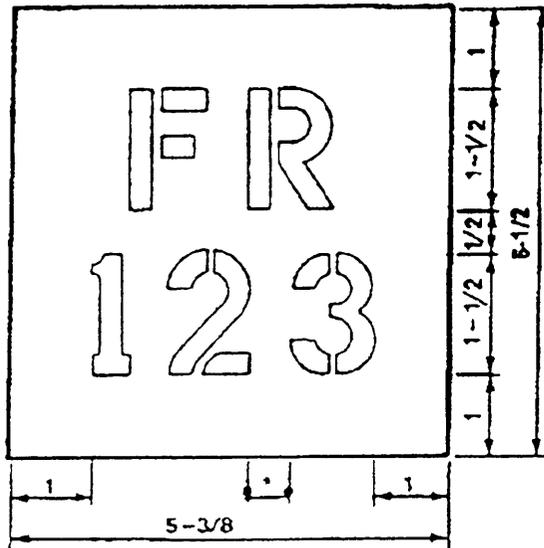


FIGURE 19. Typical frame number marking.

## 5.2 Marking requirements for surface ships.

5.2.1 Markings for doors along egress routes. Exit doors along egress routes shall be marked with a 2-inch wide band of photoluminescent paint applied to the entire perimeter of the door. Where interferences prevent a continuous band around the door a non-continuous band that clearly outlines the door is acceptable.

5.2.2 Hatch coamings. Hatch coamings along egress routes shall be marked with a 2-inch wide band of photoluminescent paint applied around the inside perimeter of the coaming. Where hatches open directly to weather, a 2-inch wide band of photoluminescent paint shall be applied to the underside of the deck around the entire perimeter of the hatch. Where interferences prevent a continuous band around the hatch coaming a non-continuous band that clearly outlines the hatch coaming is acceptable .

5.2.3 Kickout panels. Kickout panels shall be marked with a 2-inch wide band of photoluminescent paint applied to each side of the door or bulkhead around the entire perimeter of the panel.

5.2.4 Inclined ladders. Inclined ladders shall be marked with photoluminescent paint applied to the entire length and width of the visible flange of the ladder frame . Inclined ladders with folding leaf ladder chutes shall be marked with exit

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directional markings as shown in figures 47 or 48, as appropriate. The marking shall be applied at the top and bottom of the chute when in the stowed position. Stenciled figures shall be painted green in accordance with section 4.2.4. Inclined ladders leading to hatches opening to weather shall have photoluminescent paint applied to the visible flange of the ladder frame from the bottom of the ladder frame up to the midpoint of the length of the frame.

5.2.5 Vertical ladder rails . Rails of vertical ladders leading to escape hatches and scuttles shall be marked with photoluminescent paint along their entire length. Rails of vertical ladders leading to hatches and scuttles that open directly to weather shall be marked with photoluminescent paint applied from the bottom of the ladder rail up to the midpoint of the vertical length of the rail.

5.2.6 EAB manifolds, EAB manifolds shall be marked with a 6 inch wide strip of photoluminescent paint in the center of the manifold. If EAB manifolds are recessed in the overhead, place an EAB stencil (Figure 57) directly adjacent to the opening.

5.2.7 Markings shall be applied to the door of each OBA canister cabinet and to each side of the OBA canister cabinet that is normally visible as shown in figure 20. Stenciled letters shall be painted red in accordance with section 4.2.4,

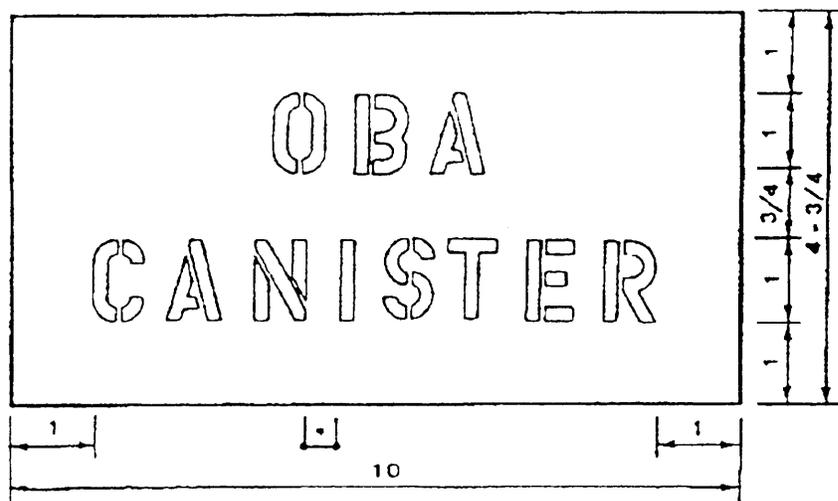


FIGURE 20. OBA canister cabinet marking.

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5.2.8 Markings shall be applied to the door of each OBA storage cabinet as shown in figure 21. Stenciled letters shall be painted red in accordance with section 4.2.4.

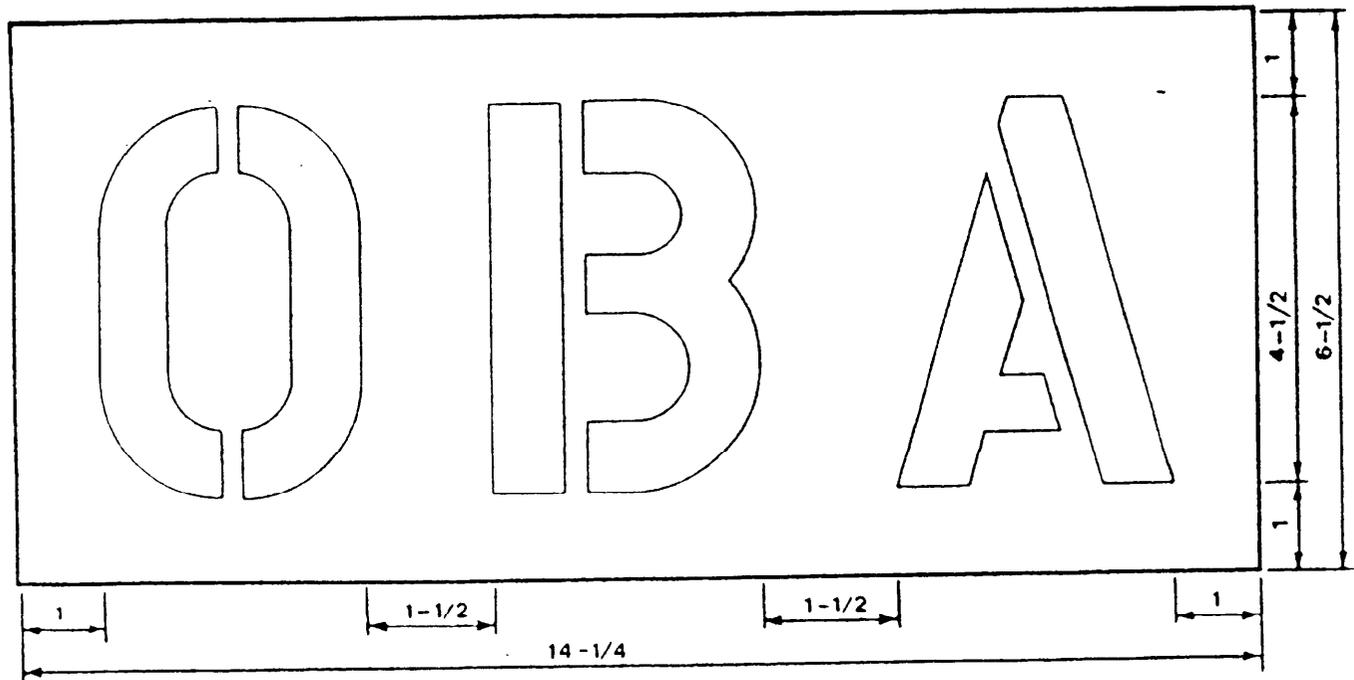


FIGURE 21. OBA storage cabinet marking (horizontal) .

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5.2.9 Markings shall be applied to each side of the OBA storage cabinet that is normally visible, as shown in figure 22. Stenciled letters shall be painted red in accordance with section 4.2.4.

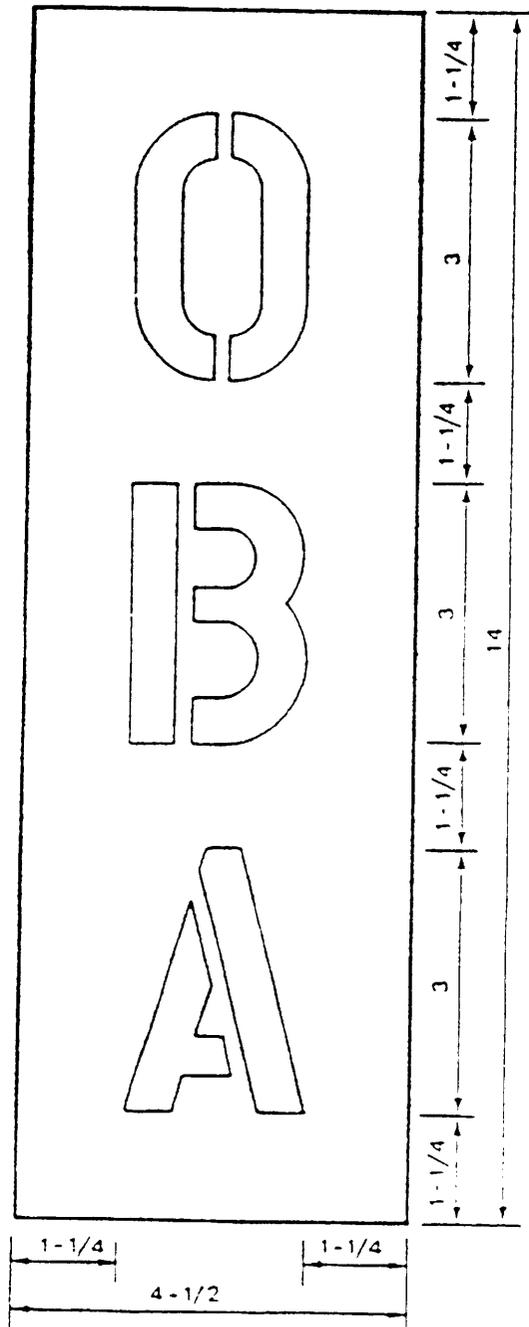


FIGURE 22. OBA storage cabinet marking (vertical) .

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5.2.10 Markings shall be applied to each side of the EEBD storage cabinet that is normally visible, as shown in figure 23. Stenciled letters shall be painted red in accordance with section 4.2,4.

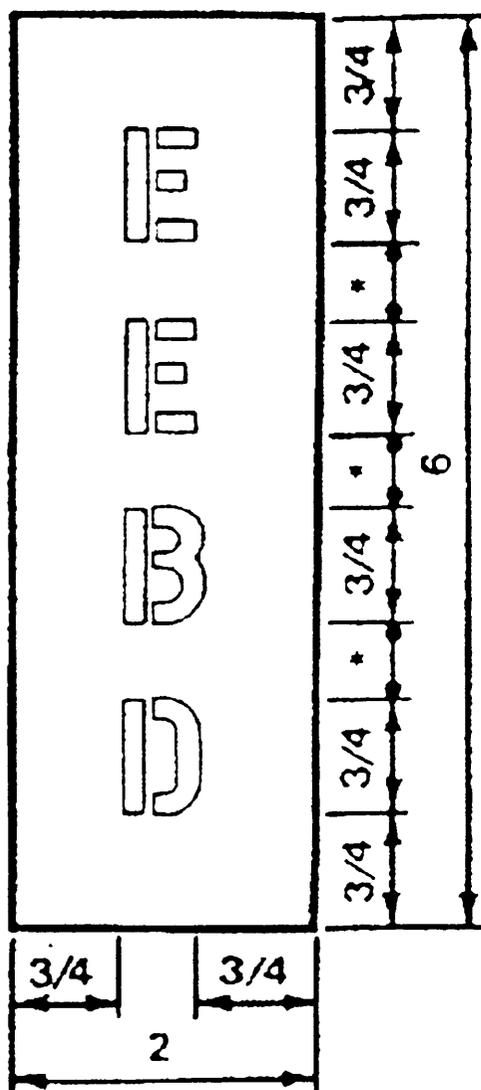


FIGURE 23. EEBD storage cabinet marking (vertical) .

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5.1.11 Markings shall be applied to the door of each Emergency Escape Breathing Device (EEBD) storage cabinet as shown in figure 24, Stenciled letters shall be painted red in accordance with section 4.2.4.

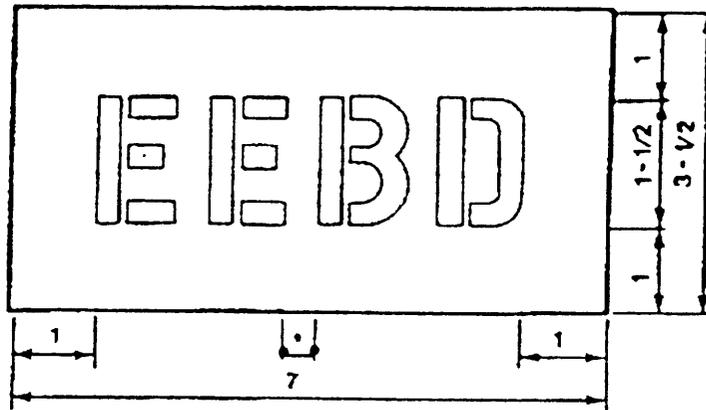


FIGURE 24. EEBD storage cabinet marking (horizontal) .

5.2.12 Bulkhead and cabinet top mounted containers housing first aid kits shall be marked with a cross as shown in figure 25. Stenciled letters shall be painted red in accordance with section 4.2.4.

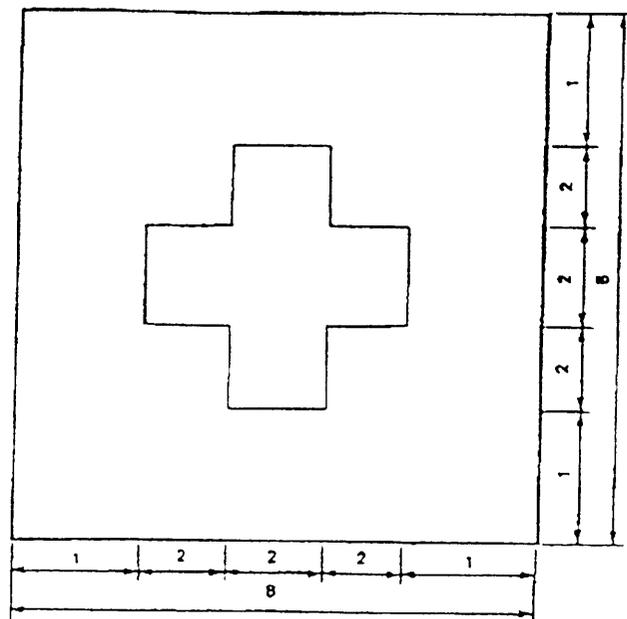


FIGURE 25. First aid kit marking.

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5.2.13 Entrance doors to damage control repair stations shall be marked with figures 26, 27, 28 and 29. Functional damage control repair station numbers, where applicable, shall be 2 inches in height and located at uppermost part of the exterior face of the door. Stenciled letters shall be painted red in accordance with section 4.2.4.

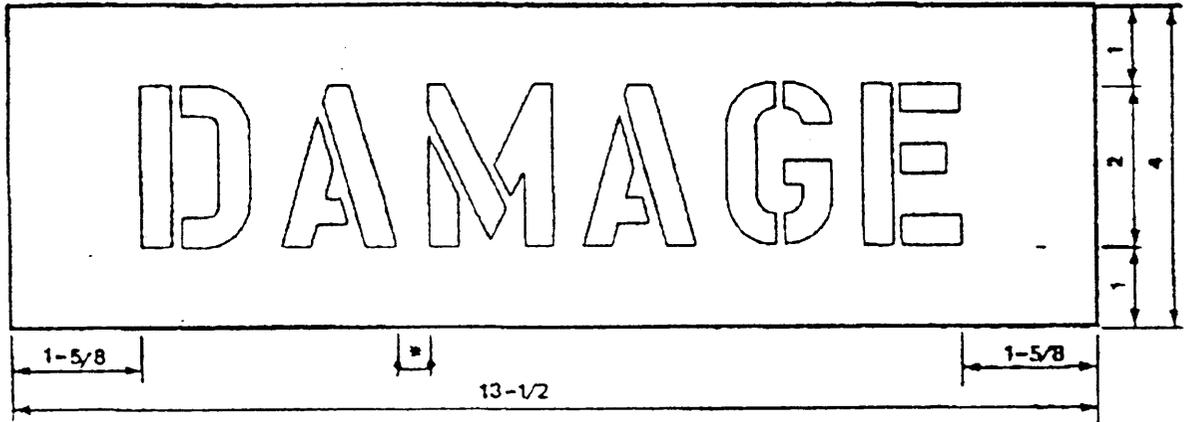


FIGURE 26. Damage control locker entrance door marking.

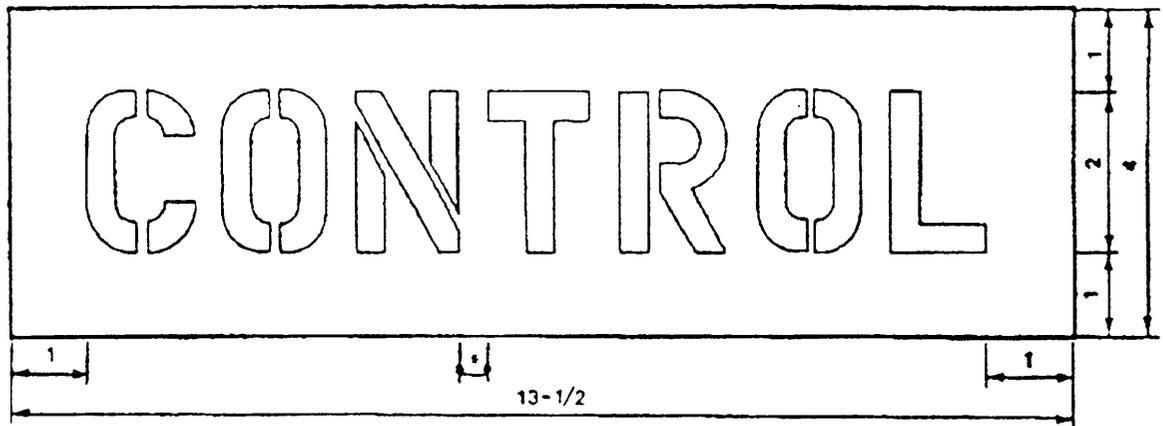


FIGURE 27. Damage control locker entrance door marking.

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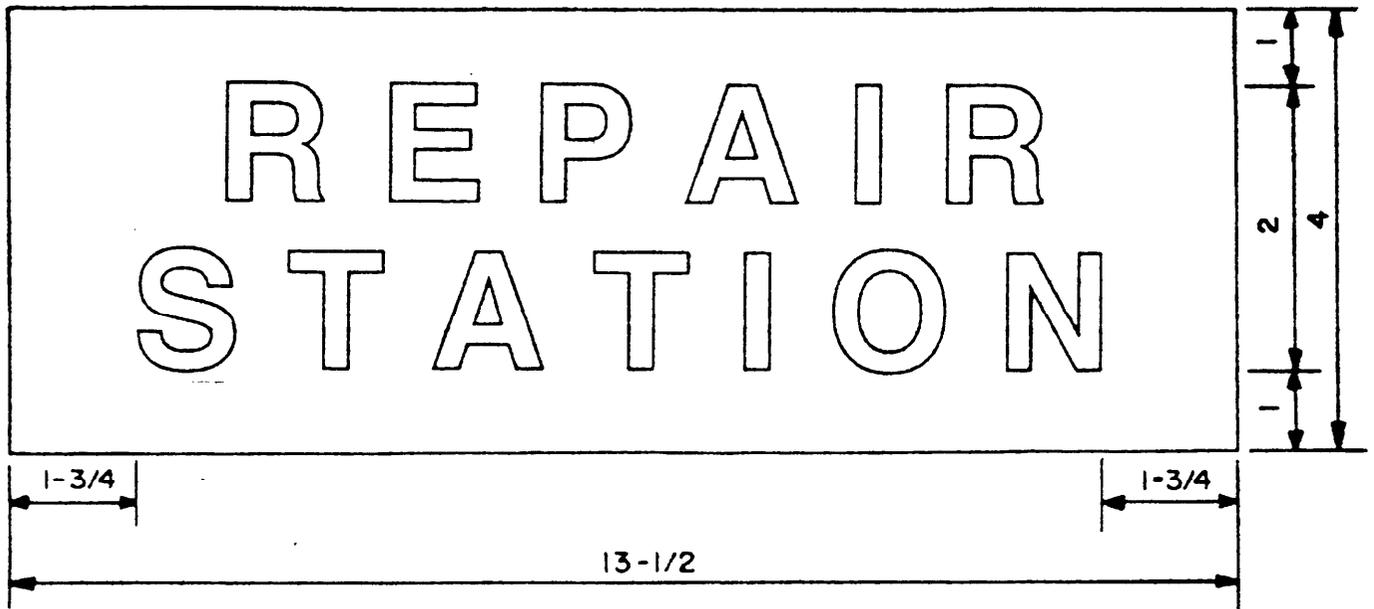


FIGURE 28. Damage control repair station entrance door marking.

5.2.14 First aid/battle dressing station directional markings shall be applied in accordance with section 4.5 and as shown in figure 29. Stenciled letters shall be painted red in accordance with section 4.2.4.

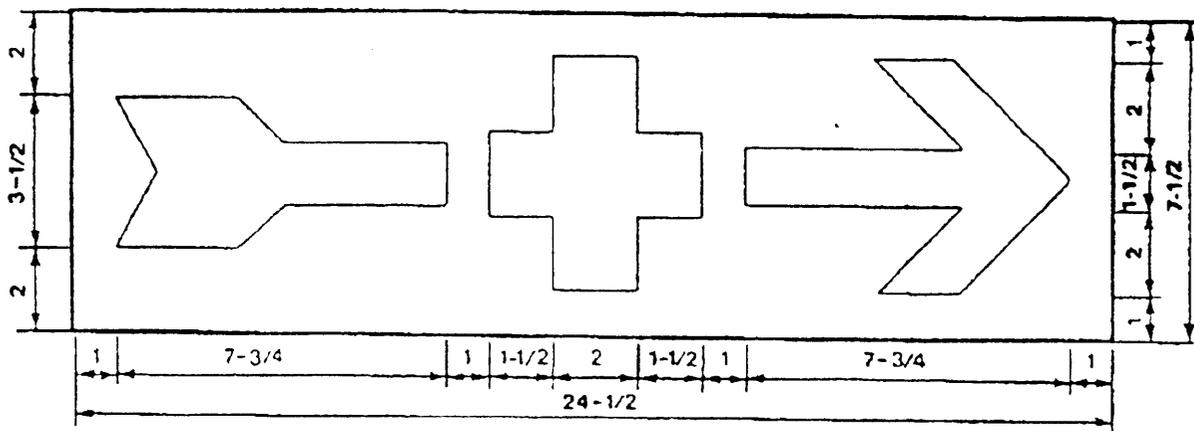


FIGURE 29. First aid/battle dressing station directional marking.

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5.2.15 Entrance doors to battle dressing stations shall be marked with figures 30, 31, and 32. Stenciled letters shall be painted red in accordance with section 4.2.4.

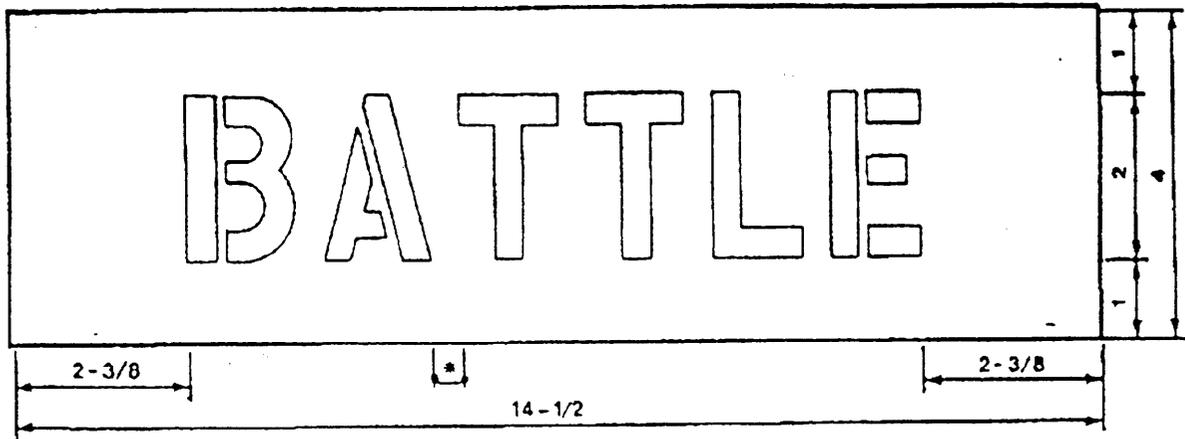


FIGURE 30. Battle dressing station door marking.

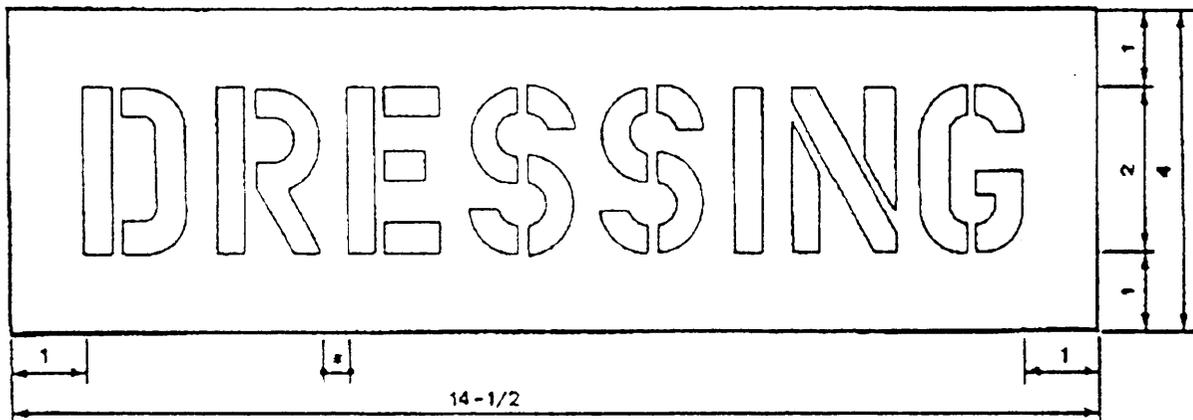


FIGURE 31. Battle dressing station door marking.

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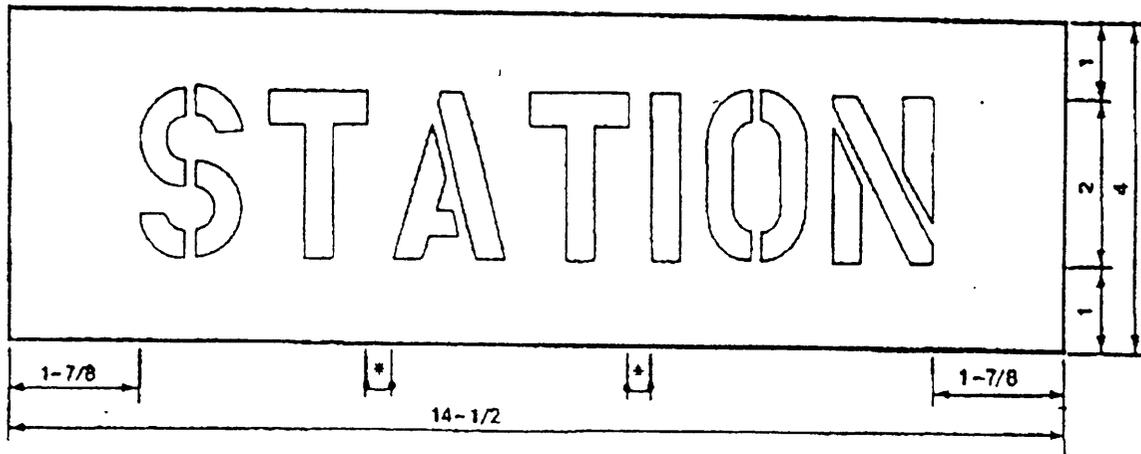


FIGURE 32. Battle dressing station door marking.

5.2.16 Decontamination station directional markings shall be applied as shown in figures 33 and 34 in accordance with section 4.5 as appropriate. Stenciled letters shall be painted green in accordance with section 4.2.4.

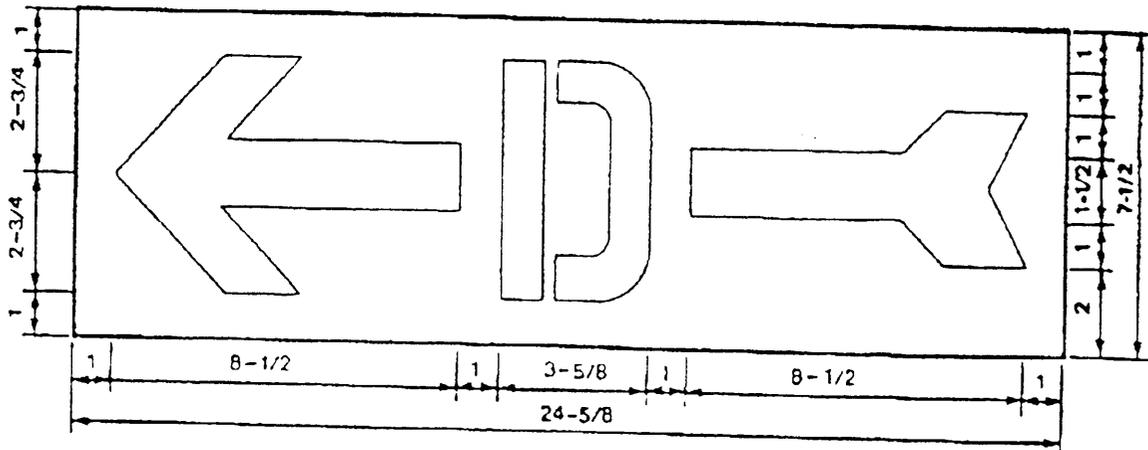


FIGURE 33. Decon station directional marking (left) ,

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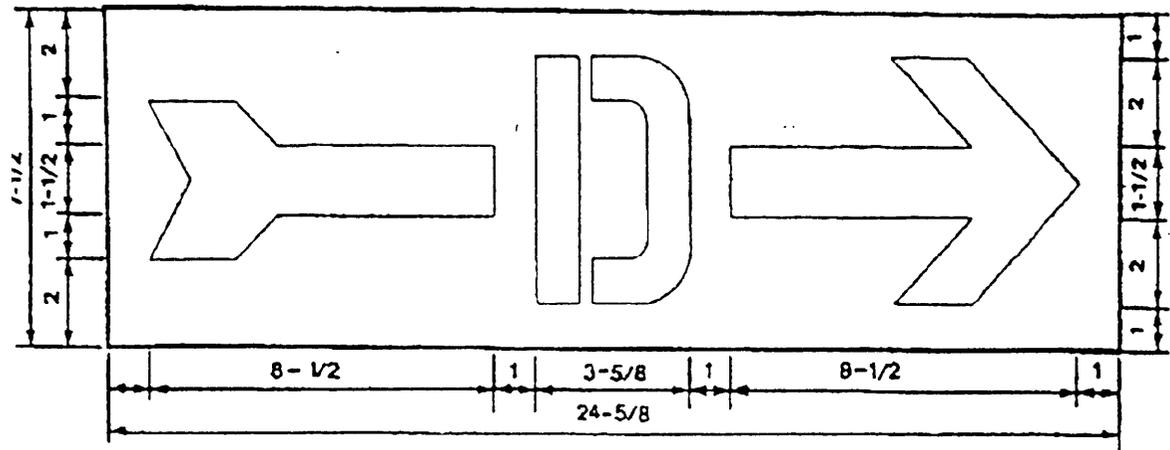


FIGURE 34. Decon station directional marking (right) .

5.2.17 Entrance doors to decontamination (DECON) stations shall be marked as shown in figures 35 and 36, Stenciled letters shall be painted red in accordance with section 4.2.4.

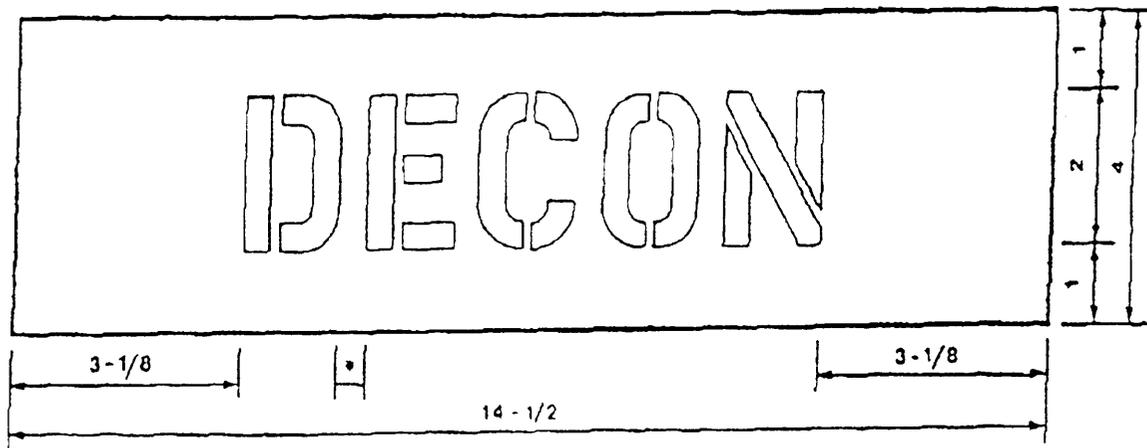


FIGURE 35. Decon station door marking.

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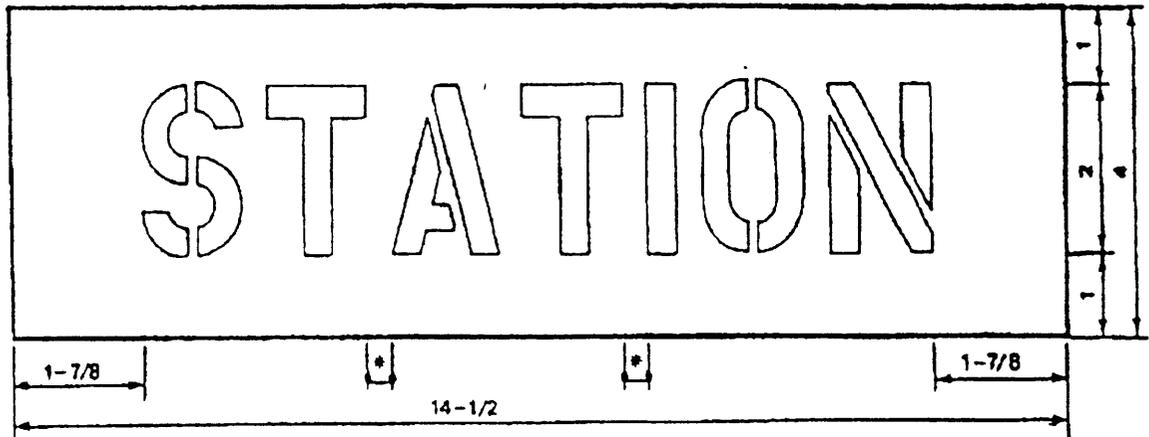


FIGURE 36. Decon station door marking.

5.2.18 Markings for portable halon fire extinguishers shall be applied, as shown in figure 37, on the adjacent bulkhead as near as practicable to immediately above the fire extinguisher. Stenciled letters shall be painted red in accordance with section 4.2.4.

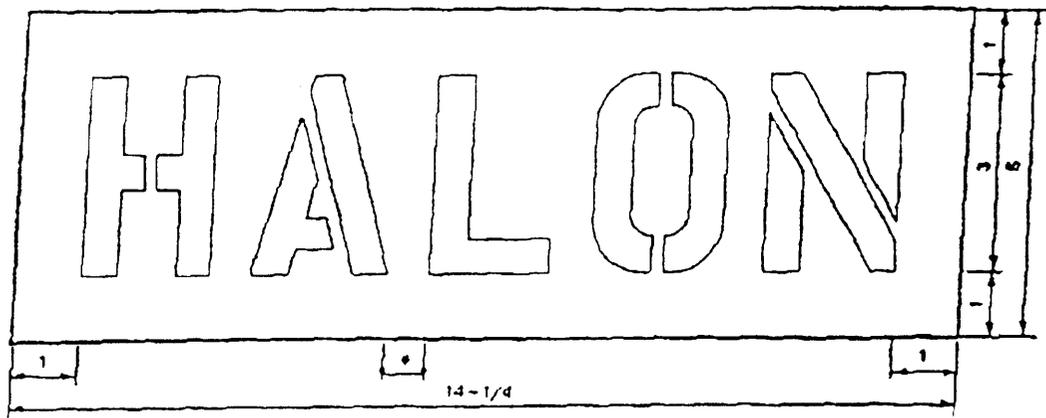


FIGURE 37. Portable HALON fire extinguisher marking.

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5.2.19 Markings for portable potassium bicarbonate (PKP) fire extinguishers shall be applied, as shown in figure 38, on the adjacent bulkhead as near as practicable to immediately above the fire extinguisher. Stenciled letters shall be painted red in accordance with section 4.2.4.

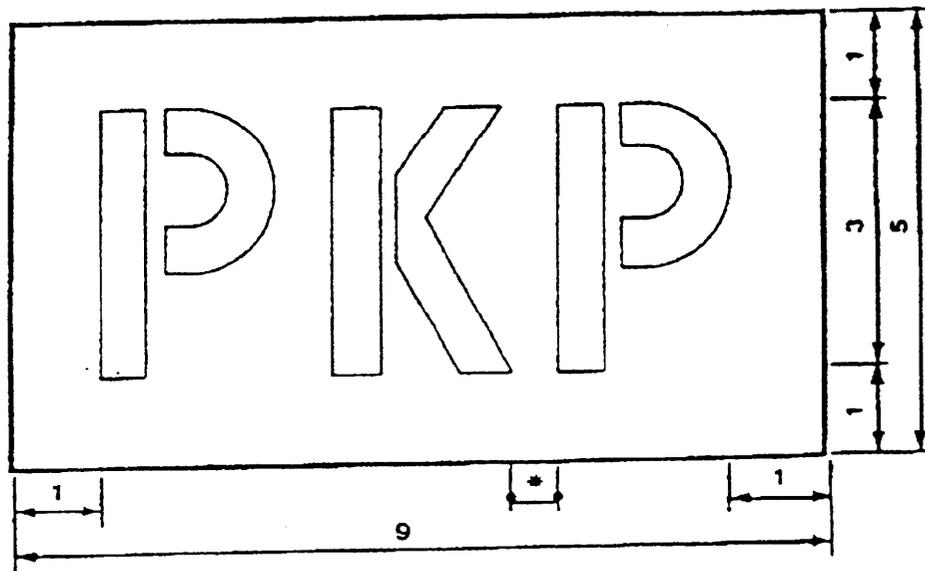


FIGURE 38. Portable PKP fire extinguisher marking.

5.2.20 Markings for portable aqueous film forming foam (AFFF) fire extinguishers and AFFF hose reels shall be applied, as shown in figure 39, on the adjacent bulkhead as near as practicable to immediately above the fire extinguisher/hose reel. Stenciled letters shall be painted red in accordance with section 4.2.4.

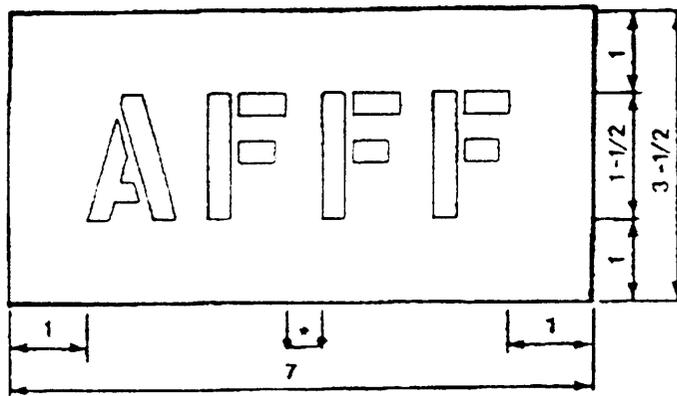


FIGURE 39. Portable AFFF fire extinguisher/hose reel marking.

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5.2.21 Markings for portable carbon dioxide fire extinguishers and hose reels shall be applied, as shown in figure 40, on the adjacent bulkhead immediately above the fire extinguisher/hose reel. Stenciled letters shall be painted red in accordance with section 4,2.4.

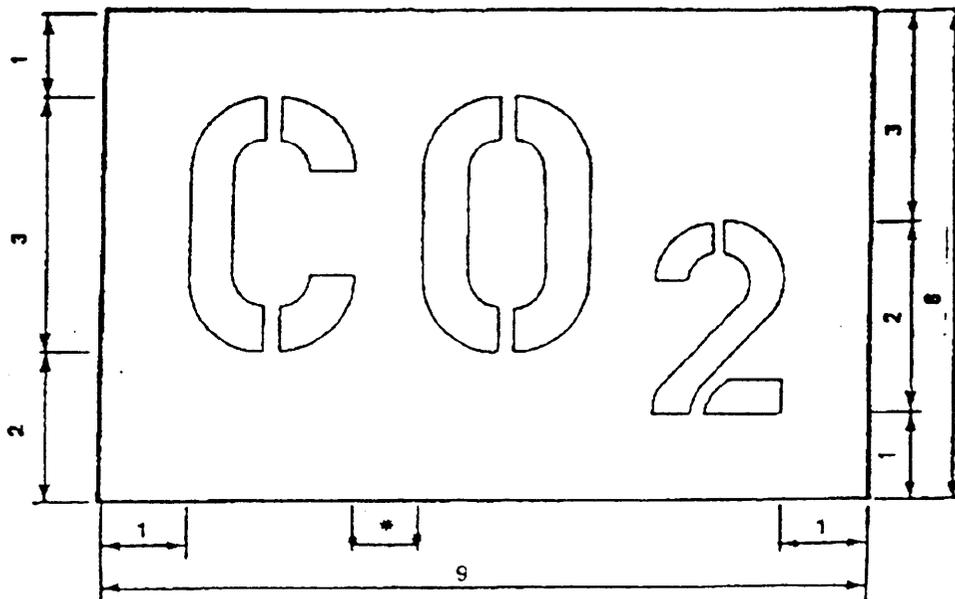


FIGURE 40. Portable CO<sub>2</sub> fire extinguisher/hose reel marking.

5.2.22 Markings for aqueous potassium carbonate (APC) extinguishing system actuators shall be applied, as shown in figure 41, on the adjacent bulkhead as near as practicable to immediately above the actuators. Stenciled letters shall be painted red in accordance with section 4.2,4.

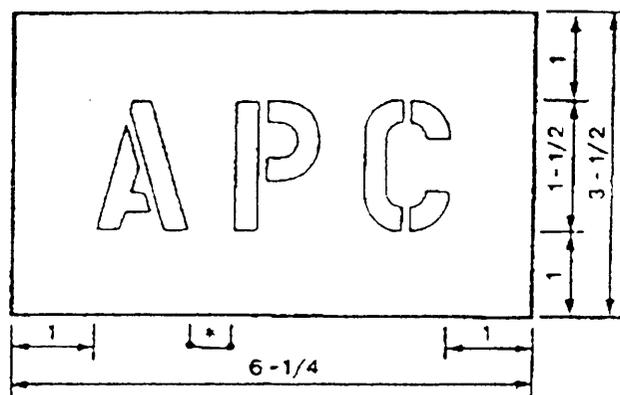


FIGURE 41. APC actuator marking.

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5.2.23 Markings for halon flooding system actuators shall be applied, as shown in figure 42, on the adjacent bulkhead as near as practicable to immediately above the actuators. Stenciled letters shall be painted red in accordance with section 4.2.4.

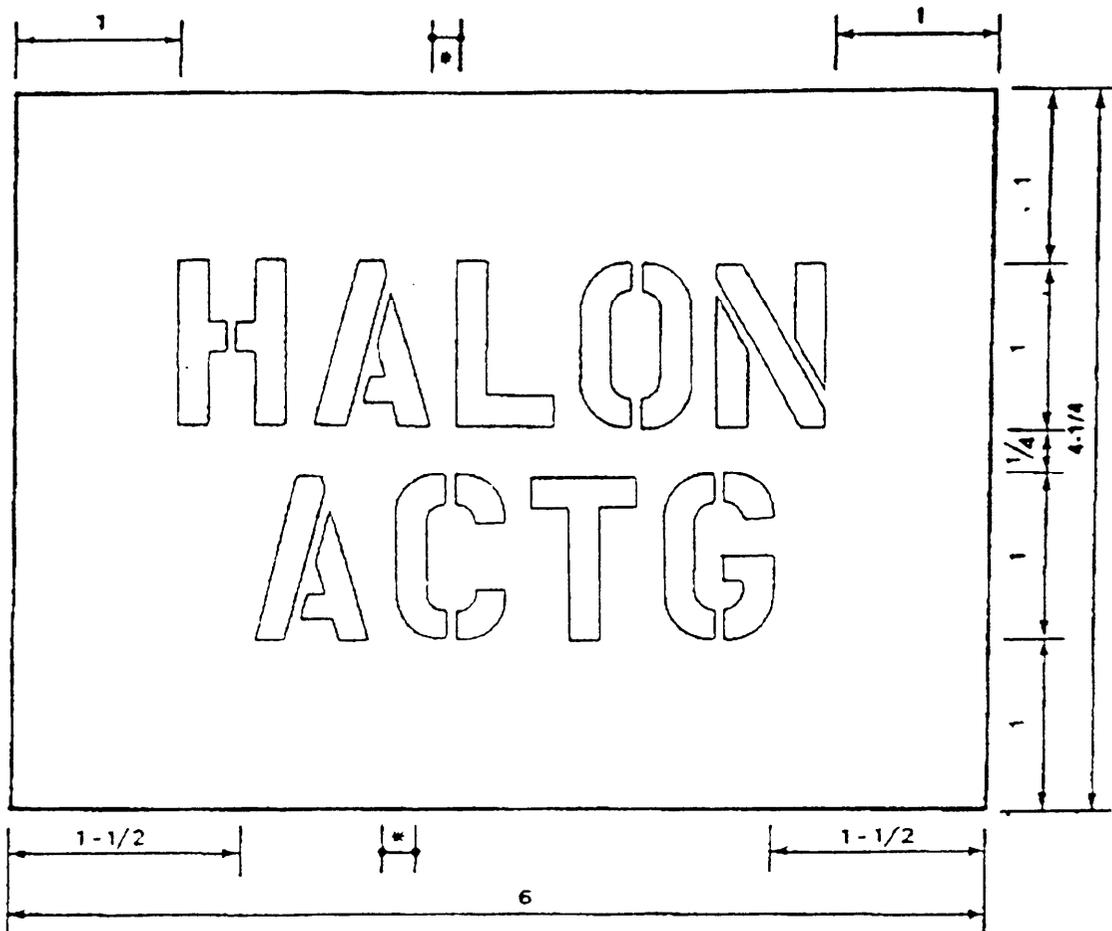


FIGURE 42. HALON actuator marking.

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5.2.24 Firemain segregation valves classified ZEBRA shall be marked. Markings shall be applied to the firemain piping insulation at a distance not greater than 12 inches from the segregation valve where they receive the most direct illumination. In those cases where it is impracticable to apply markings directly to the firemain piping insulation, the marking shall be applied to a metal plate which shall be attached to the segregation valve or to the adjacent bulkhead. Stenciled letters shall be painted red in accordance with section 4.2.4,

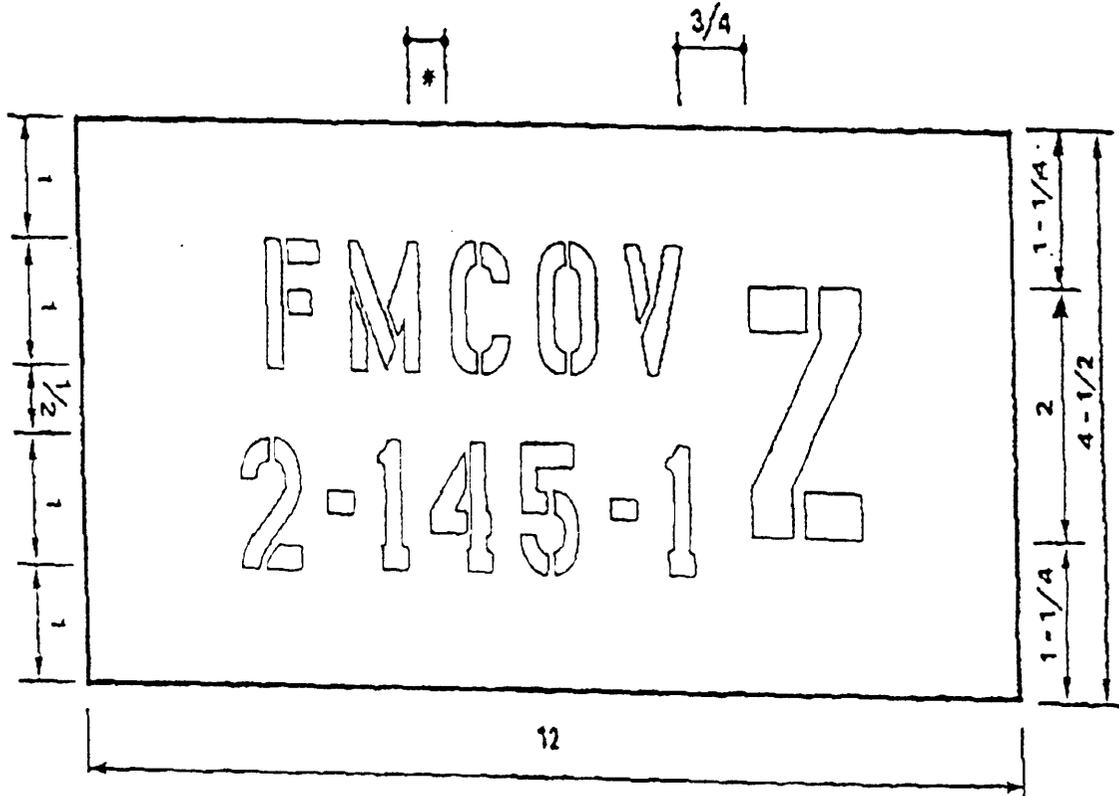


FIGURE 43. Typical firemain segregation valves classified ZEBRA marking.

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5.2.25 Markings for interior fire station identification ("Bull's Eyes") shall be applied as appropriate. The markings shall be applied to the adjacent bulkhead as near as practicable to immediately above the fireplug valve. Stenciled letters shall be painted red in accordance with section 4.2.4.

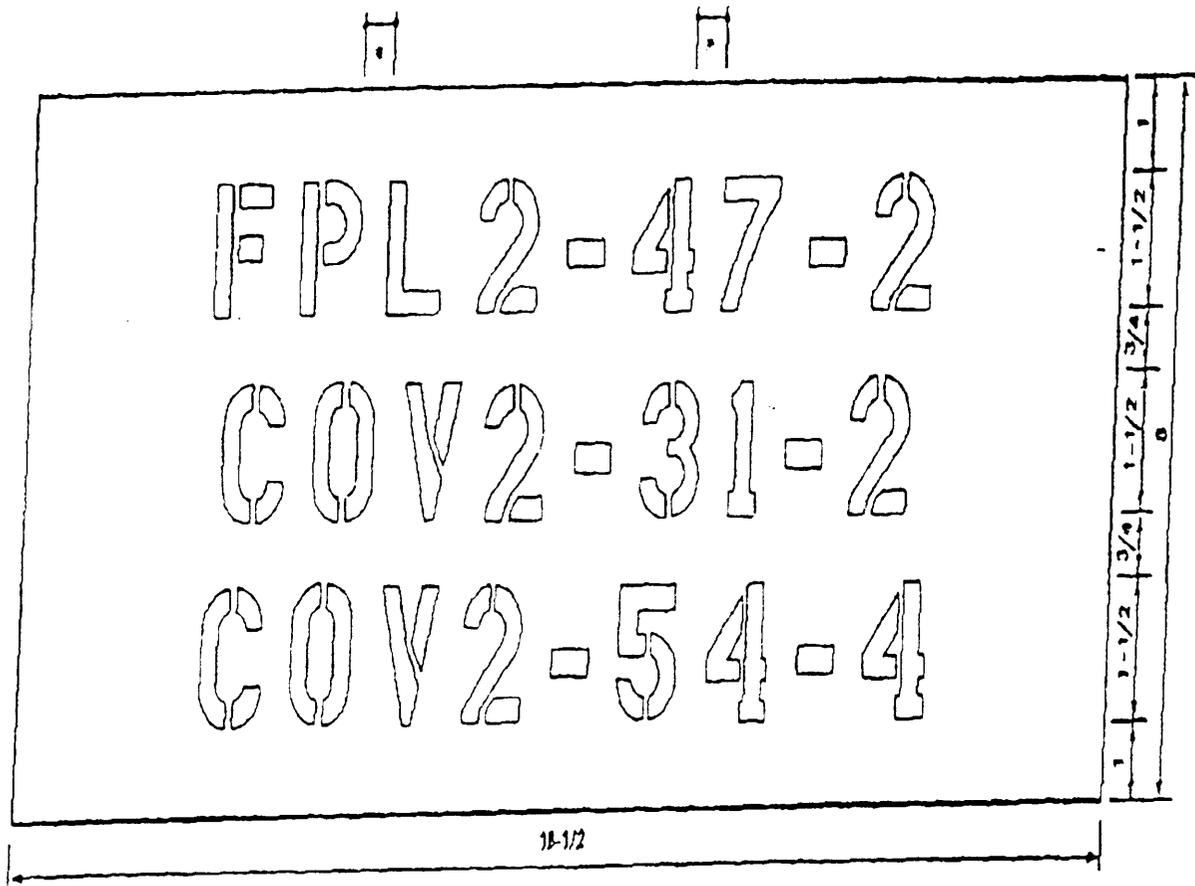


FIGURE 44. Typical interior fire station identification ("Bull's Eyes") marking.



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5.2.27 Markings for compartment identification ("Bull's Eyes") shall be applied in each compartment as shown in figure 46, as appropriate, and shall be visible from each access to the compartment. Stenciled letters shall be painted black.

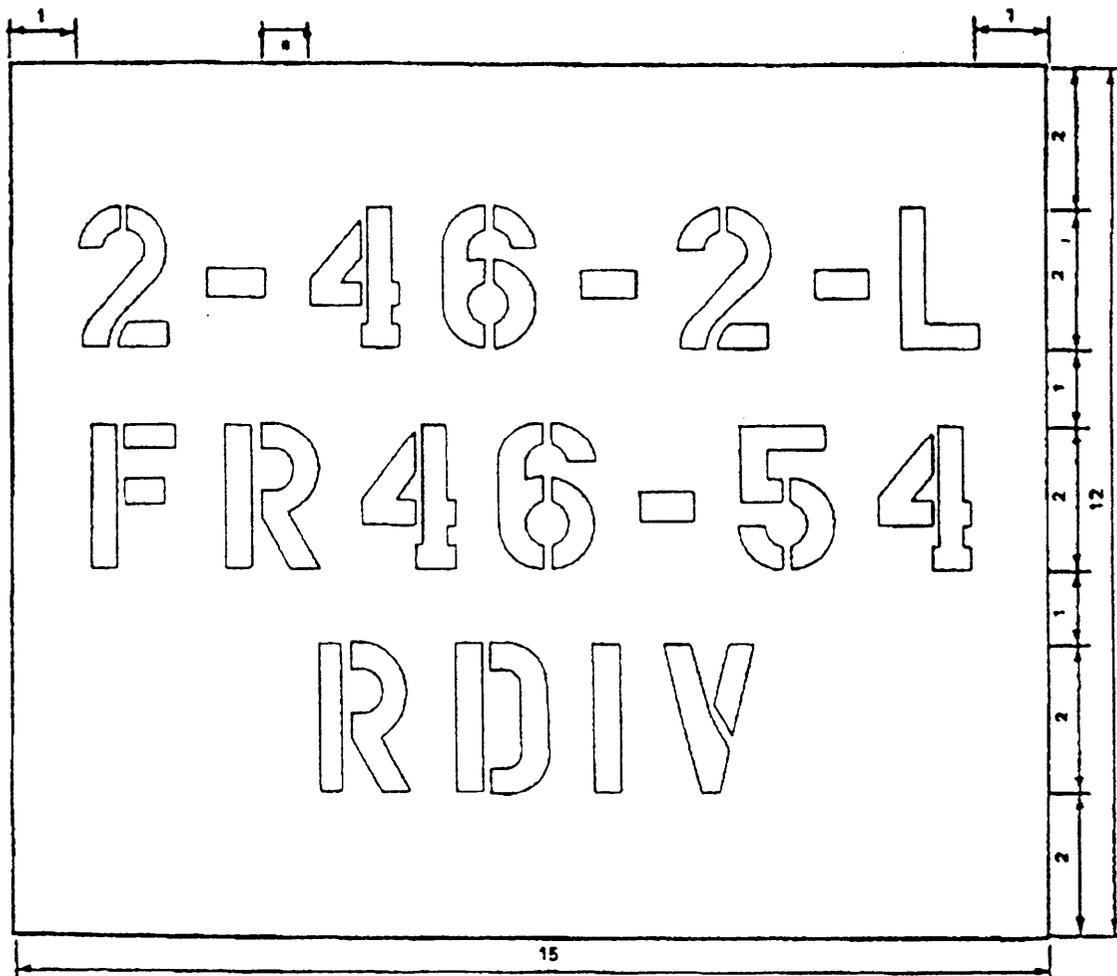


FIGURE 46. Typical compartment identification ("Bull's Eyes") marking.

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5.2.28 Exit directional markings shall be applied in accordance with section 4.5 and as shown in figure 47, 48 or 49. Stenciled letters shall be painted green in accordance with section 4.2.4.

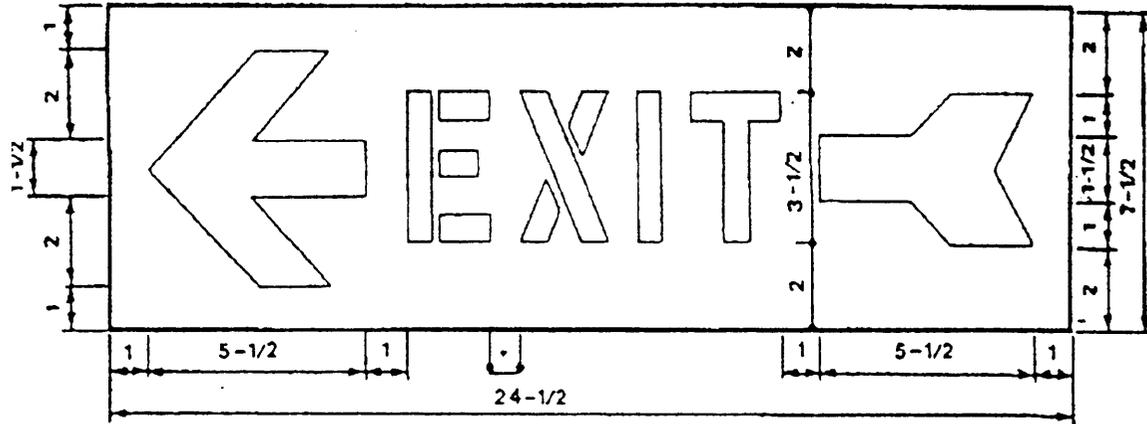


FIGURE 47. Exit directional marking (left).

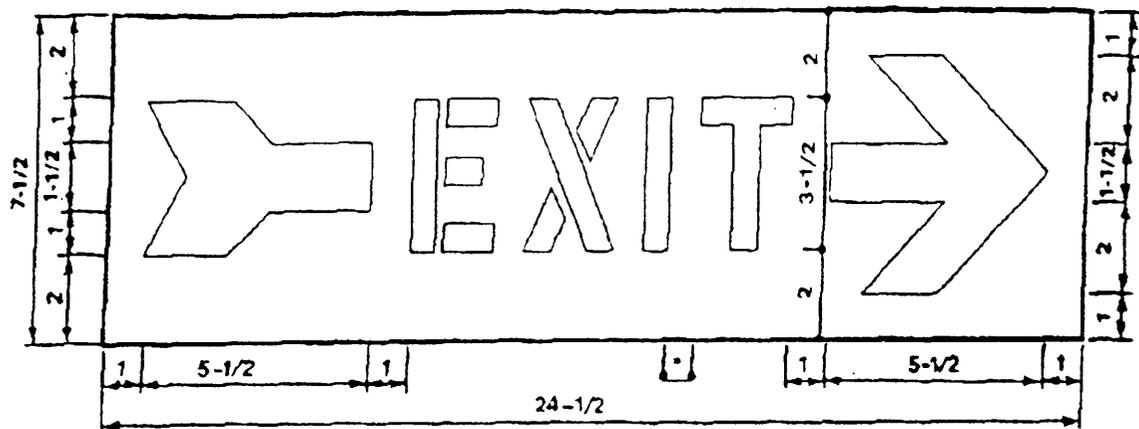


FIGURE 48. Exit directional marking (right).

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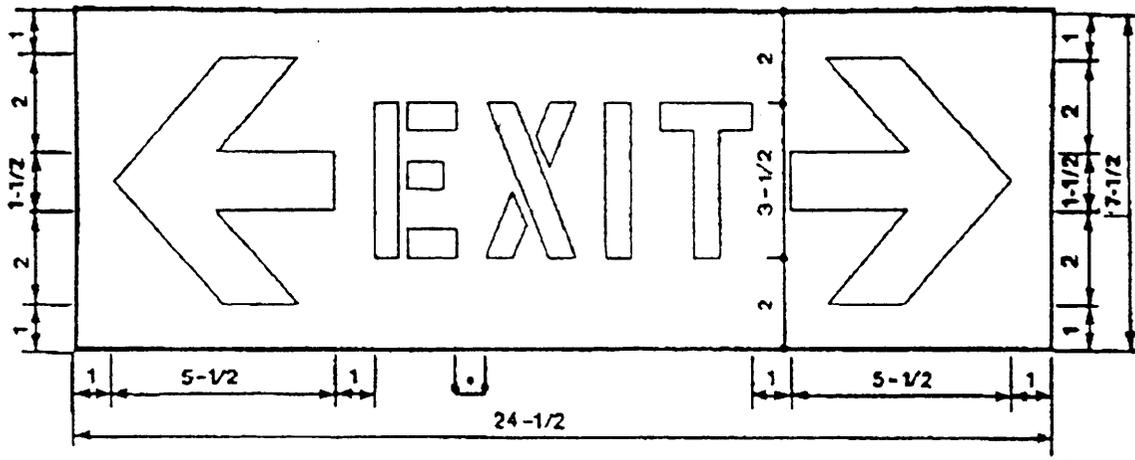


FIGURE 49. Exit directional marking (dual) ,

5,2.29 Egress routes leading only to either hanger deck or flight deck, but not both, shall be marked in accordance with section 4.5 with figures 50, 51, 52, or 53 as appropriate. Stenciled letters shall be painted green in accordance with section 4.2.4.

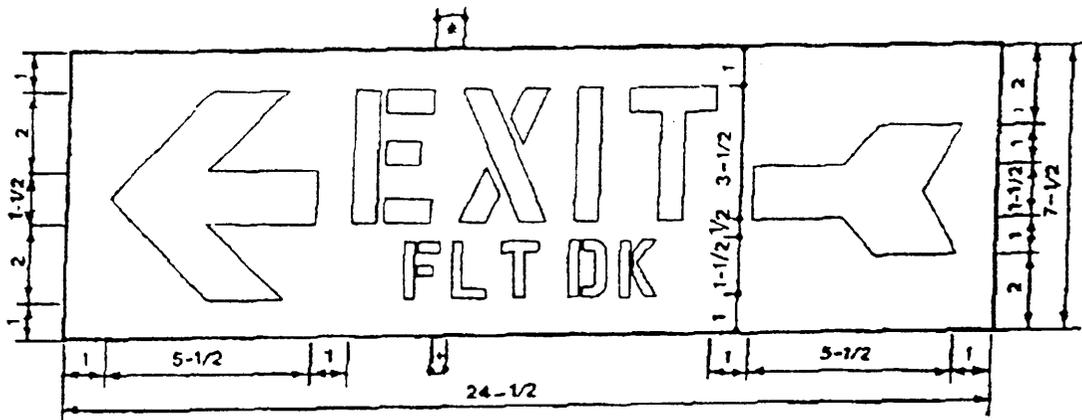


FIGURE 50. Exit to flight deck directional marking (left) .

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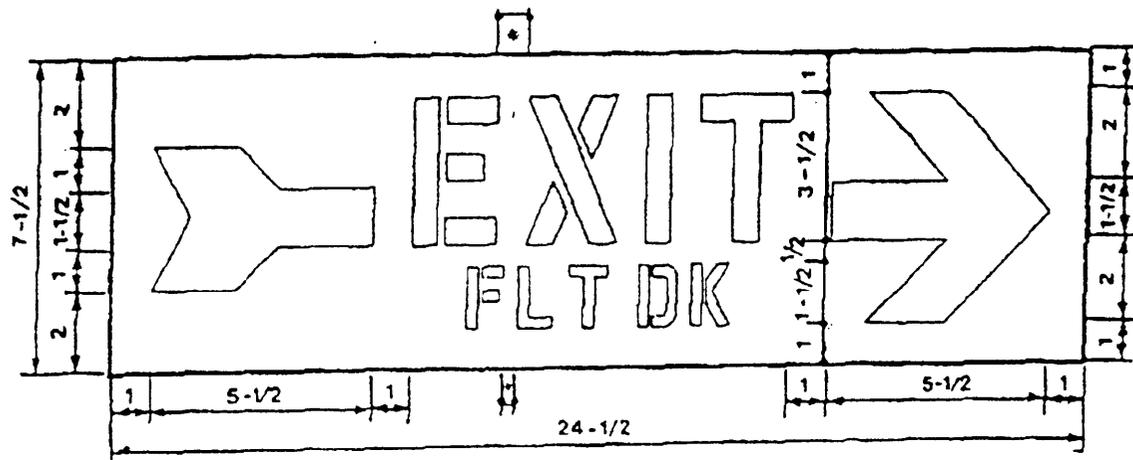


FIGURE 51. Exit to flight deck directional marking (right).

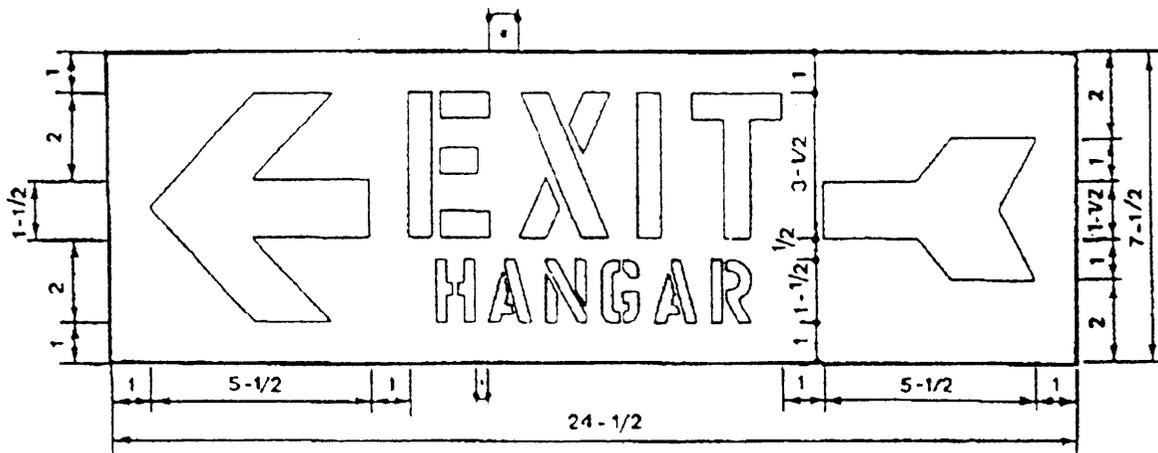


FIGURE 52. Exit to hangar directional marking (left).

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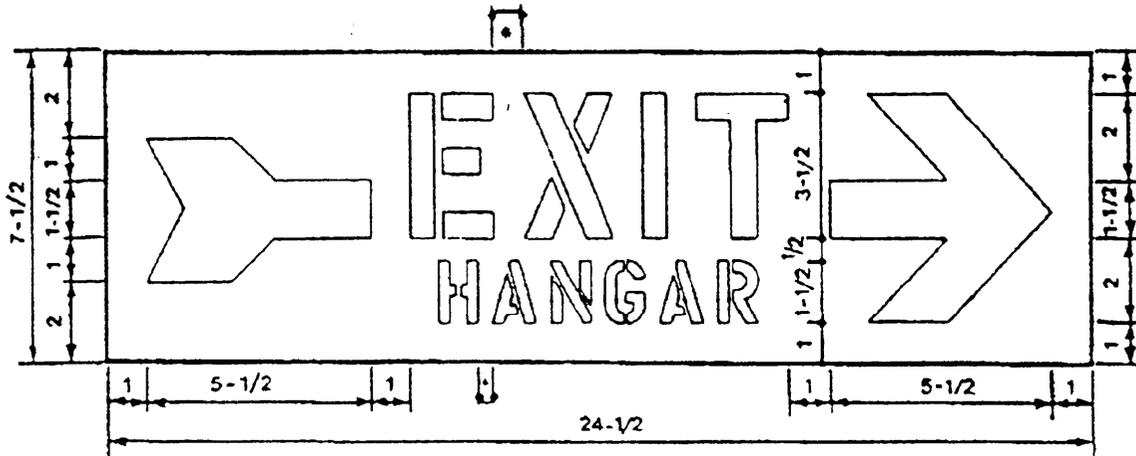


FIGURE 53. Exit to hangar directional marking (right).

5.2.30 Frame location markings shall be applied at least once in each compartment less than 24 feet in fore and aft length as near the mid-distance as practicable. For compartments greater than 24 feet in fore-and-aft length, one frame location marking shall be applied every 24 feet. Markings shall be applied as shown in figure 54, as appropriate. Stenciled letters shall be painted black in accordance with section 4.2.4.

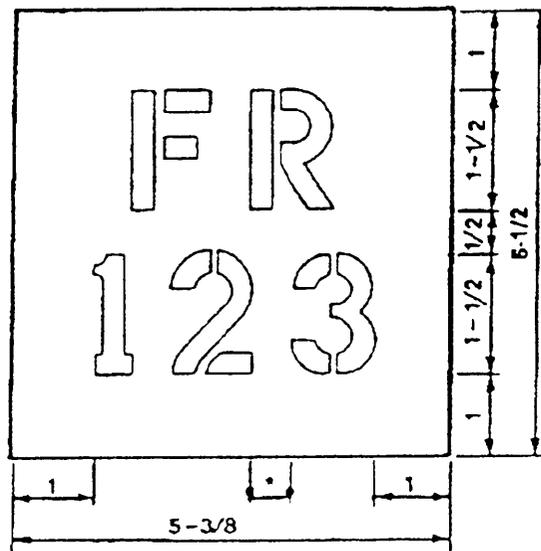


FIGURE 54. Typical frame number marking.

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5.2,31 Exit markings, as shown in figure 55, shall be applied to doors and kickout panels along egress routes. For doors the lower edge of the marking shall be located not greater than 6 inches above the bottom of the door. For kickout panels the marking shall be centered on the panel. Stenciled letters shall be painted green in accordance with section 4.2.4.

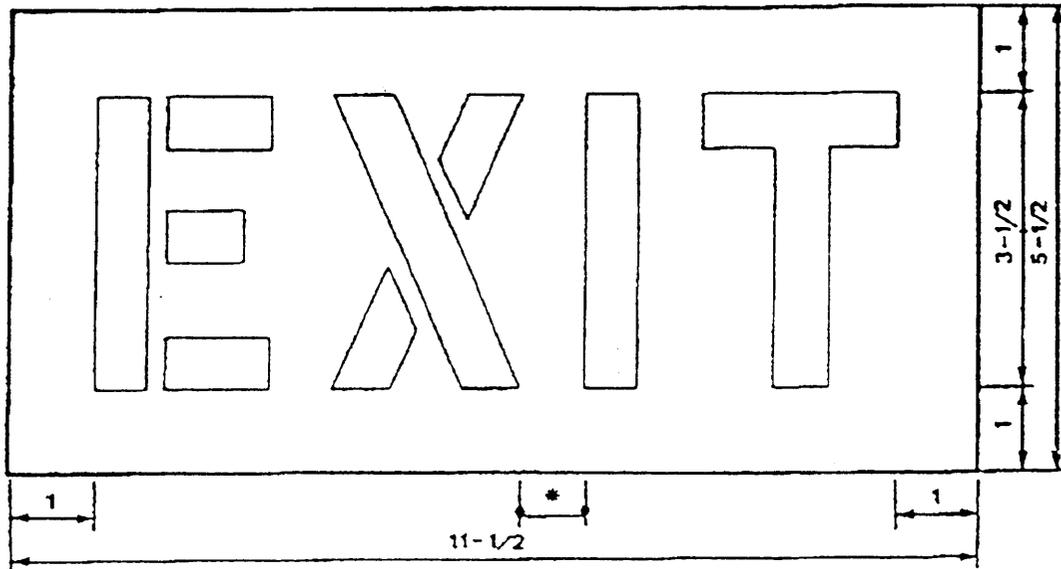


FIGURE 55. Exit markings for doors and kickout panels along egress routes .

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5.2.32 Markings indicating no exit, as shown in figure 56, shall be applied in blind or dead-end passageways. Stenciled letters shall be painted green in accordance with section 4.2.4.

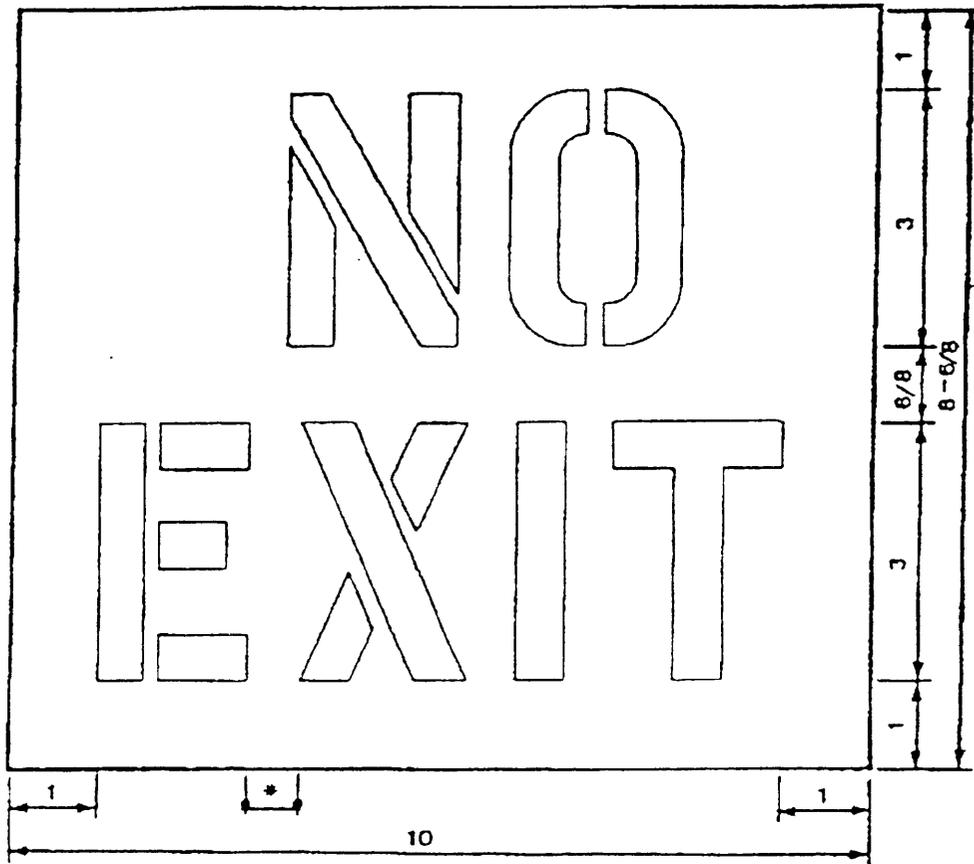


FIGURE 56. No exit marking.

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5.2.33 Markings shall be applied to EAB mask stowage cabinets as shown in figure 57. Stenciled letters shall be painted red in accordance with section 4.2.4.

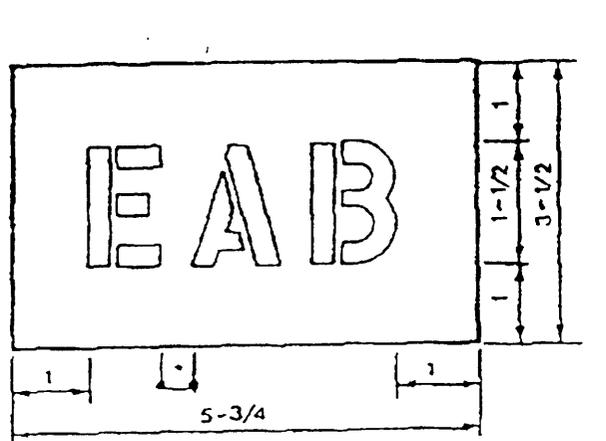


FIGURE 57. EAB mask stowage cabinet marking.

5.2.34 Markings for AFFF actuators shall be applied at bilge sprinkling actuator stations, solenoid operated pilot valves (SOPV) not within AFFF proportioning pump stations, and at each remote actuation point. Markings shall be applied on the adjacent bulkhead as near as practicable to immediately above the actuators as shown in figure 58. Stenciled letters shall be painted red in accordance with section 4.2.4.

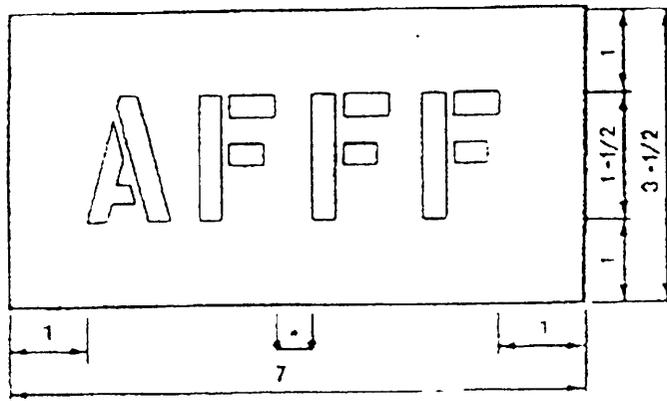


FIGURE 58. AFFF actuator marking.

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6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. The photoluminescent marking system is used to provide rapid emergency egress information, and to identify the locations of selected damage control systems and equipment in situations involving loss of lighting. Such markings are intended for applications that will be observed for as long as three hours, but remain visible up to eight hours for dark-adapted observation.

6.2 Issue of DODISS. When this standard is used in acquisition, the issue of the DODISS to be applicable to this solicitation must be cited in this solicitation (see 2.1.1).

6.3 Subject term (key word) listing.

Emergency Egress  
Emergency Exit

Preparing activity:  
Navy - SH  
(Project 4240-N002)



# 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.

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	MIL-STD-2046(SH)	22 MAY 1992
3. DOCUMENT TITLE		
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 TECHNICAL POINT OF CONTACT (TPOC): A. ULIANA, SEA 55X2 NAVAL SEA SYSTEMS COMMAND	b. TELEPHONE (Include Area Code) (1) Commercial TPOC: 703-602-0323	(2) AUTOVON 8-332-0323
c. ADDRESS (Include Zip Code) 2531 NATIONAL CENTER BLDG. 3 WASHINGTON, DC 20362-5160	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	