1. The Department shall provide all firefighting members with the following items of personal protective clothing (PPE) and equipment, which shall be worn as directed for the emergency:

   a. Structural firefighting helmet complete with approved eye protection, chin strap, outer reflective material, liner, and shroud (ear protection).

   b. Wildland firefighting helmet complete with eye protection shroud and chin strap.

   **Note:** Non NFPA compliant eye protection shall not be affixed to structural or wildland firefighting helmets.

c. Turnout coat
d. Turnout pants
e. Structural and wildland firefighting gloves
f. Suspenders
g. Self-contained breathing apparatus (SCBA) face piece
h. Hearing protectors
i. Black hose strap
j. Brush suit
k. Protective hood
l. ARFF proximity turnouts (ARFF members)

In accordance with the Memorandum of Understanding between the City and Non-Management Fire – Unit 5, members shall be responsible for purchase of safety shoes and turnout boots in accordance with the Department’s policies.
Members have an option to purchase a single layer, NFPA 1977 compliant wild land firefighting pant approved for wear while assigned to California Master Mutual Aid incidents outside of the city of Fresno. See Standard Operating Procedures Manual, Section 205-002, Uniform Specifications and Vendor Information for approved pant description.

2. All protective clothing shall meet or exceed the current minimum specifications for firefighter protective clothing and equipment as prescribed by the NFPA and all applicable federal, state, and local regulations. Special firefighter protective clothing, as listed in Section F of this policy, is available for activities, which require special protection.

3. Personal protective clothing or equipment, which has become damaged or otherwise defective to the point of voiding their intended purpose, shall be removed from service. Replacements for unserviceable items shall be obtained through normal Department Supply channels upon submission of the appropriate requisition forms. Supply maintains a small cache of rubber turnout boots to be used as loaners until the member can replace his/her turnout boots.

4. It is the responsibility of each member to care for and maintain issued protective clothing in a serviceable condition.

   Turnout clothing, which becomes soiled during routine firefighting or EMS activities, shall be cleaned following the instructions in SOP 311.5: Firefighter Protective Clothing Cleaning Procedures.

   Turnout clothing shall not be dry cleaned as that process will void the flame proofing characteristics of the material.

5. The use of brush suits is restricted to combating fires in grass and brush only. The brush suit will be worn over the modified Day Uniform (pants, T-shirt or uniform shirt, and safety shoes or turnout boots). The practice of wearing just underwear or athletic wear under the brush suit is prohibited. Brush suits may be machine washed in warm water with detergent and machine dried on warm setting. Do not use products with bleach.

6. All protective clothing shall be marked as directed below.

   a. Turnout coat.

      (1) The member’s name and the Department’s name shall be affixed to the back of the coat as per the current turnout bid specifications, or as approved by the Fire Chief (Figure 1).
b. Turnout pants.

(1) FFD and the member's employee identification number shall be drawn freehand on the inside of the left fly with a black marker provided for that purpose (see Figure 2).

![Figure 2](image)

Figure 2

c. Gloves.

(1) FFD and the member's employee identification number shall be marked in black, permanent ink on the back of each glove.

d. Turnout boots.

(1) The member's employee identification number shall be written with permanent marker on the inside of each boot.

e. Helmets.

(1) Using 3/4-inch Dymo label tape (the same color as the helmet), the member's employee identification number shall be indicated on the back of the helmet, underneath the brim (see Figure 3).
(2) Using 1/2-inch letters (from Supply), the member’s last name shall be placed on the back of the helmet, above the brim (see Figure 4). After the helmet is issued, it is the member’s responsibility to ensure the proper identification is affixed and readable (see Figure 4).

(3) Magnetic bases for magnetic company identifiers shall be placed on each side of the member’s helmet, centered, approximately 1/2-inch above the brim (see Figure 5).

The leather helmet shield, indicating rank and Department name, shall be affixed to the front of the member’s helmet, centered, and 1/8-inch above the brim (see Figure 6).
(4) No other names, decals, or decorations are permitted on helmets, except an American flag located on the back of the helmet (see Figure 7).

![Figure 7](image)

(5) The Department has approved the wearing of the Cairns Model 1010-FS, 1044, 880, 360, and the Bullard LT. The Cairns model 660, while still acceptable, is being phased out.

f. Brush suit.

(1) FFD and the member’s employee identification number shall be drawn free hand in 1-inch letters on the brush suit pant and jacket with a black permanent felt tip marker.

(a) Jacket: Inside button snap seam below last snap (left side) (see Figure 8).

![Figure 8](image)

(b) Pant: Inside waist band near zipper (left side) (see Figure 9).

![Figure 9](image)
g. ARFF proximity turnouts.

(1) FFD and the member’s five digit employee ID number shall be drawn free hand in one-inch letters on the pant and jacket with a black permanent felt tip marker (see Figures 10 and 11). Gloves shall be marked with a silver marker (see Figure 12).

(a) Jacket: Inside below label.

![Figure 10](image10.png)

(b) Pant: Inside of the left fly.

![Figure 11](image11.png)
(c) Gloves: Inside wrist.

![Gloves Image](image_url)

Figure 12

(d) Helmet: Using 3/4-inch Dymo label tape, the members five digit employee ID number shall be indicated on the back of the helmet, underneath the brim.

(2) Cleaning: Hand wash, warm water, with all closures fastened. Use detergent such as liquid Tide or Cheer. Dry by hanging in shaded area. Do not machine dry. Do not dry clean. Do not store in direct sunlight. Do not use chlorine bleach. Do not alter or mark on reflective outer shell.

(3) While off duty, ARRF proximity turnouts shall be stored according to the manufacturer’s instructions as follows:

(a) Coat: The turnout coat will be hung on a coat hanger and placed in a locker.

(b) Pants: The turnout pant shall be hung so that the outer shell does not crease.

(c) PPE: While on duty, the PPE is to be configured for normal use.

FOOTWEAR MATRIX

Policy Statement

This document establishes standard specifications, which serve as a guideline for all Department-approved footwear and the hazard environments where the footwear may
be applied. This guideline provides members with the criteria to select the approved footwear most appropriate for his/her individual needs.

Description/Procedures

Only Department-issued or approved footwear will be permitted while engaged in Department activities. Athletic shoes are permitted while engaged in physical fitness activities or after business hours (2000 hours). Members are responsible to ensure the footwear being utilized is appropriate for the hazard application based upon the Footwear Application Matrix.

<table>
<thead>
<tr>
<th>Footwear Application Matrix</th>
<th>Station Boot</th>
<th>Station Shoe</th>
<th>Leather Structure Boot</th>
<th>Rubber Structure Boot</th>
<th>Wildland Boot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure Fire</td>
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<td>Yes</td>
<td>Limited²</td>
<td>Limited³</td>
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<td>No</td>
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<tr>
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<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Station Boot

1. The boot must be a minimum of eight inches from the inside to the top of the boot.
2. Upper must be constructed of black, smooth, cut resistant leather and capable of a high shine.
3. Lining must be provided, but may be leather, woven, or bonded material, which allows perspiration to dissipate and provides a comfort layer.
4. Boot may incorporate a heavy duty, corrosion resistant, lace-in, front mounted zipper.
5. No metal parts will penetrate the boot from outside to inside without a protective cover.
6. All threads used to manufacture the boot shall be heat resistant.
7. The boot must have a non-marking, slip-resistant sole capable of providing traction in mud and on steep terrain. The sole must be heat, oil, electrical, and corrosion resistant with a puncture-resistance compliant to ANSI Z41-1991, or ASTM F2412-05 and ASTM F2413-05.

¹ No puncture-resistant sole, should not be used where puncture hazard exists.

² Greater moisture resistance, but less traction and support than station or leather structure boots.

³ No steel toe or puncture-resistant sole, should not be used where drop or puncture hazard exists.
8. A safety toe meeting the requirements of ANSI Z41-1991, or ASTM F2412-05 and ASTM F2413-05, must be incorporated.

9. The design of the boot must provide firm ankle support in horizontal and vertical working loads.

10. All outer shell materials shall be durable and withstand the effects of flame, heat, sharp objects, and other hazards encountered in firefighting activities.

11. Boots must be maintained in a clean, polished, and professional state.

12. No excessively pointed toe, tapered heel, buckles, monograms, or designs will be allowed (except for manufacturer’s logo).

13. All certifications and compliance must be clearly labeled.

**Note:** The station boot is authorized for wear in the capacity defined in the Footwear Application Matrix.

Any boot placed in service must meet or exceed the above Department standard for a station boot.

**Station Shoe**

1. A safety toe meeting the requirements of ANSI Z41-1991, or ASTM F2412-05 and ASTM F2413-05 must be incorporated.

2. The shoe must be at least three inches high from the top of the sole at the heel.

3. Sole shall be non-marking, oil, and chemical resistant.

4. Shoe must have sole capable of providing traction on slippery surfaces.

5. Shoe must be of polished leather, or equal construction, and black in color.

6. Shoes must be kept in a clean, polished, and professional state.

7. No excessively pointed toe, buckles, monograms, or designs will be allowed (except for the manufacturer’s monogram or logo).

8. No open heel or toe is permitted.

The station shoe is authorized for wear during routine activities in and around the station, while engaged in fire prevention, public education, or public relations activities, and routine medical-aid calls. The station shoe shall not be worn in lieu of proper safety boots while engaged in emergency operations as defined in the Footwear Application Matrix.

Any station shoe placed in service must meet or exceed the above-listed standard for a station shoe.

**Leather Structure Turnout Boot**

1. The boot must be a minimum of ten inches from the insole to the lowest point of the top of the boot.
2. Boot must consist of a sole with a heel, an upper with lining, a puncture-resistant device, an insole, a ladder shank or whole sole equivalent, and an impact/compression resistant toecap as described below.
3. Boot must be constructed of black, smooth, cut resistant leather, Kevlar, or equivalent, and professional in appearance.
4. Lining must provide a comfort layer and wick away moisture.
5. Boot may incorporate a heavy duty, corrosion resistant, lace-in, front mounted zipper.
6. No metal parts will penetrate the boot from outside to inside without a protective cover.
7. All threads used to manufacture the boot shall be heat resistant.
8. Boot must have a non-marking, slip resistant sole capable of providing traction in mud and on steep terrain. The sole must be heat, oil, electrical, and corrosion resistant with a puncture resistance compliant to ANSI Z41-1991, or ASTM F2412-05 and ASTM F2413-05.
9. Superior arch support shall be provided by three-ribbed ladder shank compliant to NFPA 1971-2000 corrosion, hardness, and bend resistance, or equivalent.
10. Safety toe must meet or exceed the requirements of ANSI Z41-1991, or ASTM F2412-05 and ASTM F2413-05.
11. The design of the boot must provide firm ankle support in horizontal and vertical working loads.
12. All outer shell materials shall be durable and withstand the effects of flame, heat, sharp objects, and other hazards encountered in structure firefighting activities.
13. Boots must be maintained in a clean and professional state.
14. No excessively pointed toe, tapered heel, buckles, monograms or designs will be allowed (except for manufacturer’s logo).
15. All certifications and compliance must be clearly labeled.

**Note:** The leather structure boot is authorized for wear in the capacity defined in the Footwear Application Matrix.

Any leather structure boot placed in service must meet the above standard for a leather structure boot.

**Rubber Structure Boot**

1. The boot must be a minimum of ten inches from the insole to the lowest point of the top of the boot.
2. Boot must consist of a sole with a heel, an upper with lining, a puncture resistant device, an insole, a ladder shank or whole sole equivalent, and an impact/compression resistant toecap as described below.
3. Lining must provide a comfort layer and wick away moisture.
4. No metal parts will penetrate the boot from outside to inside without a protective cover.
5. The boot must have a non-marking, slip-resistant sole capable of providing traction in mud and on steep terrain. The sole must be heat, oil, electrical, and corrosion resistant with a puncture resistance compliant to ANSI Z41-1991, or ASTM F2412-05 and ASTM F2413-05.

6. Superior arch support shall be provided by three-ribbed ladder shank compliant to NFPA 1971-2000 corrosion, hardness, and bend resistance, or equivalent.

7. Safety toe must meet or exceed the requirements of ANSI Z41-1991, or ASTM F2412-05 and ASTM F2413-05.

8. The design of the boot must provide for firm ankle support in horizontal and vertical working loads.

9. All outer shell materials shall be durable and withstand the effects of flame, heat, sharp objects, and other hazards encountered in structure firefighting activities.

10. Boots must be maintained in a clean and professional state.

11. No excessively pointed toe, tapered heel, buckles, monograms or designs will be allowed (except for manufacturer’s logo).

12. All certifications and compliance must be clearly labeled.

_{Note:_} The rubber structure boot is authorized for wear in the capacity defined in the Footwear Application Matrix.

Any rubber structure boot placed in service must meet the above standard for a rubber structure boot.

**Wildland Boot**

1. The boot must be eight inches high from inside to top of the boot.

2. Boot must consist of a sole with heel, upper insole, and shank. The quarter section of the boot shall be designed to provide an adjustable, snug fit for support around the ankle and lower leg.

3. Heel breasting angle shall not be less than 90° and no more than 135° relative to the sole.

4. Unless covered, metal parts shall not penetrate from outside to inside at any point.

5. All threads used to manufacture footwear shall be made of inherently flame-resistant fiber.

6. All outer shell materials shall be durable and withstand the effects of flame, heat, sharp objects, and other hazards encountered in wildland fire fighting activities.

7. Boot must have sole capable of providing traction in mud and on steep terrain.

8. Flat bottom soles are not authorized for wildland boot.

9. Boot must be leather and black in color. Boot oil is accepted in lieu of polish due to water resistance ability and enhanced boot life.

10. Boots must be kept in a clean and professional state.
Note: The approved wildland boots may not provide a puncture-resistant sole or steel toe protection, and shall not be used where sole penetration or drop hazards occur as defined in the ANSI and OSHA standards unless these standards are met. The wildland boot is authorized for wear in the capacity defined in the Footwear Application Matrix.

Any wildland boot placed in service must meet or exceed the above standard for a wildland boot and must be submitted to the Uniform Committee for approval prior to purchase and use.