



# FIRE PROTECTION TRAINING

Procedures Handbook 4300

## PERSONAL PROTECTIVE EQUIPMENT

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**TOPIC:** High Visibility Safety Apparel (Vests)

**TIME FRAME:** :30

**LEVEL OF INSTRUCTION:** Level I

**BEHAVIORAL OBJECTIVE:**

**Condition:** A written quiz

**Behavior:** The student will be able to identify the proper use of the CAL FIRE/ANSI approved high visibility safety vest

**Standard:** With a minimum of 80% accuracy

**MATERIALS NEEDED:**

- White board
- Pens
- Computer
- Video projector
- Power Point presentation
- CAL FIRE 1728.6/ANSI-107 Class II compliant safety vest

**REFERENCES:**

- CAL FIRE Policy 1728.6
- Federal Highway Administration 23 CFR, Part 634
- 2004 & 2006, ANSI-107 & 207 safety vest Standards

**PREPARATION:** Every year thousands of first responders are exposed to the vehicular traffic hazards when operating within the right-of way of Federal-aid highways. Studies have shown that workers wearing high visibility safety apparel (vests) greatly reduces worker injury and/or death during highway operations



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## STAGES OF FIRE DEVELOPMENT

PRESENTATION	APPLICATION
<p><b>I. CALIFORNIA CASE STUDY</b></p> <ul style="list-style-type: none"><li>A. CHP Officer killed 12-15-2008 directing traffic</li><li>B. Poor worker visibility was a contributing factor.</li></ul> <p><b>II. WHY WEAR HIGH-VISIBILITY VESTS?</b></p> <ul style="list-style-type: none"><li>A. Federal Highway Administration 23 CFR, Part 634<ul style="list-style-type: none"><li>1. It is federal law as of 11-24-2008</li></ul></li><li>B. CAL FIRE Policy 1728.6 requirements<ul style="list-style-type: none"><li>1. It is the law</li></ul></li><li>C. 2004 American National Standards Institute (ANSI)-107 Highway Safety Apparel Standards<ul style="list-style-type: none"><li>1. Class I apparel</li><li>2. Class 2 apparel<ul style="list-style-type: none"><li>a) 2006, ANSI/ISEA-207 public safety vest</li></ul></li><li>3. Class 3 apparel<ul style="list-style-type: none"><li>a) Garment has sleeves</li><li>b) Jacket and pants ensemble</li></ul></li><li>4. Optional pre-donned vests over turn-out coats</li></ul></li></ul> <p><b>III. WHEN NOT TO WEAR HIGH VISIBILITY VESTS</b></p> <ul style="list-style-type: none"><li>A. When exposed to flame, fire, heat, and/or hazardous materials<ul style="list-style-type: none"><li>1. When extinguishing vehicle fires</li></ul></li></ul>	<p>Utilize Power Point presentation with embedded video clips.</p>



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<ul style="list-style-type: none"><li>2. When performing vehicle extrication</li><li>3. When extinguishing wildland fires</li><li>4. Specific CAL FIRE Peace Officer operations</li><li>5. Other hazardous conditions<ul style="list-style-type: none"><li>a) Swift Water Rescues</li><li>b) Confined Space Rescues</li><li>c) Over-the-Side Rescues</li><li>d) Others</li></ul></li></ul> <p><b>IV. HIGH-VISIBILITY SAFETY VEST SPECIFICATIONS</b></p> <ul style="list-style-type: none"><li>A. ANSI-107 Class 2, Level 2</li><li>B. CAL FIRE Policy 1728.6</li></ul> <p><b>V. REVIEW</b></p>	



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## ***SUMMARY:***

The intent of FHWR 23CFR Part 634 and CAL FIRE Policy 1728.6 is to decrease the likelihood of employee injury and maintain free flow of vehicular traffic by requiring CAL FIRE employees whose duties place them on or in close proximity to a roadway to wear high-visibility apparel (vests).

## ***EVALUATION:***

A written quiz.

## ***ASSIGNMENT:***

To be determined by instructor(s).