



**ARCADIA FIRE DEPARTMENT
STANDARD OPERATING GUIDELINE**

WILDLAND GEAR

Number: 101.1
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Date: 11/14/2017
Approved: _____
Michael E. Lang, Fire Chief

PURPOSE

The purpose of this procedure is to establish a balanced approach to wildland protective gear to reduce the exposure to heat injury and maintain NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Firefighting.

POLICY

This procedure shall apply to all personnel operating at the scene of any emergency incident or training exercise.

All equipment shall be issued or approved by the Arcadia Fire Department and meet all requirements set forth by governing bodies.

PROCEDURE

I. Wildland Firefighting Personal Protective Equipment-which meets NFPA 1977:

1. Helmet

- Worn properly with an accessible shroud for face and neck protection when working in close proximity to active fire and or radiant heat.
- Do not store bandanas or Nomex hoods in the suspension of the helmet (interferes with the circulation of air around the head).

2. Goggles

- Easily accessible, in order to prevent injury or irritation to the eyes.

3. Nomex Brush Jacket

- Yellow with department members last name and “Arcadia Fire” stenciled on back.

4. Workrite single layer (469 or 470) brush pant

- Nomex Pant shall conform to NFPA 1975, 1977 and be either blue or black (Chief Officers).

- Pant will be worn with Department issued leather belt with AFD belt buckle, if worn as Station pant, during May – December. Brush belt acceptable during strike team deployment
 - Personnel will also be issued Nomex yellow overpant. These pants will be used if a Company Officer feels an increase in burn injuries is greater than the risk of heat related injuries. Overpants are simple placed over any Nomex station pant issued.
5. Whiffs respiratory protection
- Can be used to minimize smoke inhalation during wildland fire assignments.
6. Wildland gloves
- Approved and issued wildland glove.
7. Leather safety boot
- Cal-OSHA approved
 - Manufactured by either White’s Boots or Hawthorn Boots (8” minimum boot height, no synthetic collars or panels, lace up, defined heel, oil resistant soles, good sole heat resistance, non-slip sole and no steel toe)
8. Long sleeve department issued T-shirt
- Blue or black (chief Officer), no stenciling
 - Worn under Nomex Brush Jacket
 - Wearing multiple T-shirts increases potential for heat stress and should be avoided.
9. Fire shelter
- Must be attached to web belt and easily accessible to wearer,
10. Water Hydration pack
- Wolf packs water bladder: Provides a large personnel water supply, carried within pack.

II. LAYERING

1. Levels of protection.
- The wearing of a single layer of department issue blue/black Nomex “Workrite” pants and Nomex brush jacket over long-sleeve, cotton, department T-shirt will be worn for responses involving wildland fire.
 - The Company Officer, or individual on a single resource assignment, may choose to increase the level of protection in situations when the risk of burn injuries is determined to

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be greater than the risk of heat related injuries. These situations may include structure protection assignments and initial attack.