

Heat Illness Prevention Training

607.1 PURPOSE AND SCOPE

The purpose of this policy is to establish and maintain a training program that complies with state mandates for the prevention of heat illness in members who are exposed to high-heat conditions. This policy identifies which members must receive training, the required curriculum, supervisory training and responsibilities and training record documentation (8 CCR 3395).

607.1.1 DEFINITIONS

Definitions related to this policy include (8 CCR 3395(b)):

Acclimatization - The temporary adaptation of the body to work in the heat. Acclimatization peaks in most people within four to 14 days of working at least two hours per day in the heat.

Heat illness - A serious medical condition resulting from the body's inability to cope with a particular heat load and includes heat cramps, heat exhaustion, heat syncope (temporary loss of consciousness usually related to insufficient blood flow to the brain) and heat stroke.

607.2 POLICY

It is the policy of the Fresno County Fire Protection District to promote member health and safety by establishing a heat illness prevention training program and requiring member participation. In addition to the safety precautions described in the Heat Illness Prevention Program Policy, the District shall ensure that effective training is provided to members before the member begins work that should reasonably be anticipated to result in heat illness (8 CCR 3395(h)).

607.3 TRAINING REQUIREMENTS

Training shall be provided to all members whose duties may include exposure to high-heat conditions and shall include (8 CCR 3395(f); 8 CCR 3395(h)):

- (a) The environmental and personal risk factors for heat illness.
- (b) The district's procedures for complying with the state requirements for the prevention of heat illness.
- (c) The importance of frequent consumption of small quantities of water and electrolyte replacement fluid, up to 4 cups per hour, when the work environment is hot and members are likely to be sweating more than usual in the performance of their duties.
- (d) The concept and importance of acclimatization.
- (e) The different types of heat illness, the common signs and symptoms of heat illness and the possibility that heat illness may progress quickly from mild to serious or life-threatening.
- (f) The importance of members immediately reporting to a supervisor, directly or through others, symptoms or signs of heat illness in themselves or in coworkers.

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- (g) The district's procedures for responding to symptoms of possible heat illness, including how first aid or Emergency Medical Services (EMS) will be provided if necessary.
- (h) The district's procedures for contacting EMS and, if necessary, for transporting members to a place where they can be reached by an EMS provider.
- (i) The district's procedures for ensuring that, in the event of an emergency, clear and precise directions to the work site can and will be provided to other emergency responders.
- (j) The member's right to follow the district's procedures without retaliation.

607.4 SUPERVISOR TRAINING REQUIREMENTS AND RESPONSIBILITIES

Supervisors shall be provided additional training on the following topics prior to supervising members who will be working in the heat (8 CCR 3395(h)(2)):

- (a) The procedures to follow to implement the applicable provisions in this policy
- (b) The procedures to follow when a member exhibits symptoms consistent with possible heat illness, including emergency response procedures
- (c) How to monitor weather reports and respond to hot weather advisories

Supervisors shall be responsible for observing members for alertness and signs or symptoms of heat illness and reminding members throughout the work shift to drink plenty of water. New members should be closely supervised by a supervisor or the authorized designee for the first 14 days of work (8 CCR 3395(g)).

607.5 TRAINING RECORDS

The Training Chief shall be responsible for maintaining records of all heat illness prevention training provided to members. Records should include, but are not limited to:

- (a) The dates of the training sessions.
- (b) A list of the topics or a summary of the content of the training sessions.
- (c) The names or other identifiers and job titles of all members who received the training.
- (d) The names, certificate numbers and qualifications of persons conducting the training.

The Training Chief should maintain the training records in accordance with established records retention schedules.