

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

TITLE 8, DIVISION 1, CHAPTER 4

Article 10.1. Personal Protective Clothing and Equipment for Fire Fighters

Amend Section 3401 to read:

§3401. Application.

(a) These Orders establish minimum requirements for personal protective clothing and equipment for fire fighters when exposed to the hazards of fire fighting activity, and take precedence over any other Safety Order with which they are inconsistent.

Sections 3402.1 and 3402.3 through 3409, inclusive, apply to structural and proximity fire fighting as defined in Section 3402. Sections 3402.2, 3410, and 3410.1 apply to wildland fire fighting.

EXCEPTION to section 3401(a): The requirements of these orders are not applicable to fire fighters from other states of the United States or another country rendering temporary fire suppression assistance during a wildfire event.

(b) General Requirements.

(1) Personal protective clothing and equipment specified in these Orders shall be provided and used whenever such employees are required to work in a hazardous environment that may be encountered during fire fighting activities or under similar conditions during training activities.

[Consistent with NFPA 1500-2021, section 7.1.1, 7.1.2, 7.1.3]

(2) Employers shall develop and require use of a written plan covering the selection, safe use, maintenance, utilization and replacement of the equipment required in these Orders, and all affected employees shall be trained in accordance with such plan. *[From subsection (b)(6), Consistent with NFPA 1500-2021, section 7.1.1.2, 7.1.4, 7.1.6]*

NOTE to subsection (b)(2): See section 3402.3. Selection, Inspection, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting and section 3410. Selection, Inspection, and Maintenance of Protective Ensembles for Wildland Fire Fighting.

(A) Protective ensembles shall be coordinated to ensure compatibility for full body protection. *[From 3407(b), but should apply to the entire ensemble]*

(B) Protective ensembles shall be properly sized and fitted to the user. *[NFPA 1500, section 7.2.1.1]*

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(C) Employers shall designate areas for cleaning protective ensembles. [NFPA 1500, section 7.1.6.2]

~~(2)~~ (3) The employer shall ensure the availability, maintenance, and use of all protective clothing and equipment in accordance with these Orders.

(A) Protective ensembles shall be maintained in a location of readiness for immediate response to fires and like emergencies. [From 3403(a), which should apply for the entire ensemble]

~~(3)~~ (4) Employees shall be instructed to wear or utilize appropriate personal protective clothing and equipment when directed to work in a hazardous environment until such time as the officer in charge determines that such protection is no longer required.

~~(4)~~ (5) Personal protective clothing and equipment that has become damaged or otherwise defective to the point of voiding its intended protection shall be removed from service.

~~(5)~~ (6) Fire fighters and other employees engaged in emergency activities requiring special protective techniques and equipment shall be trained in the appropriate techniques and provided with the necessary protective equipment. *[Consistent with NFPA 1500, Section 7.1.7]*

(A) Employers shall provide training on the donning and doffing of protective ensembles to minimize exposure to contaminants.

~~(6) Employers shall develop and require use of a written plan covering the safe use, maintenance, utilization and replacement of the equipment required in these Orders, and all affected employees shall be trained in accordance with such plan. [Moved to (b)(2)]~~

(7) Employers shall ensure that new protective clothing and equipment provided be furnished with a statement of performance declaring that the product has been tested and meets the requirements of these Orders.

(8) If the employer purchases personal protective equipment containing perfluoroalkyl and perfluoroalkyl substances (PFAS), the employer shall retain a copy of the written notice provided by the seller or manufacturer for three years from the date of the transaction. The written notice would indicate that the personal protective equipment contains PFAS chemicals and the reason PFAS chemicals were added to the equipment. [Health and Safety Code 13029]

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(A) The employer shall provide a copy of the written notice to the firefighter using the personal protective equipment upon initial issuance.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 147.4, Labor Code and Section 13029, Health and Safety Code.

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Amend Section 3403 to read:

§3403. ~~Head, Eye and Face Protection.~~ Protective Ensembles for Structural and Proximity Firefighters.

(a) General. In-service protective ensembles shall meet the requirements of National Fire Protection Association (NFPA) 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2013 Edition, which is hereby incorporated by reference.

~~(a)~~ (b) Head Protection. Head protection shall be provided to each fire fighter, and shall be maintained in a location of readiness for immediate response to fires and like emergencies. Head protection shall be worn by fire fighters whenever they are exposed to head injury hazard. Head protection is normally provided for fire fighters through the use of helmets.

(1) In-Service Head Protection. Firefighting helmets shall meet the NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2013 Edition.

(c) Eye and Face Protection.

(1) Eye protection and/or face protection shall be provided to and used by each fire fighter to protect from eye or face injuries such as punctures, abrasions, contusions, or burns as a result of contact with flying particles, hazardous substances, or projections which are inherent in the work or environment.

~~(2) In-service Eye and Face Protection. Eye and face protection shall meet the National Fire Protection Association (NFPA) 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007-2013 Edition or American National Standard Institute/International Safety Equipment Association, American National Standard for Occupational and Educational Personal Eye and Face Protection Devices, ANSI/ISEA Z87.1-2015, which are hereby incorporated by reference. In addition, it shall bear the mark "Z87+".~~
[Replaced by §3403(a)]

~~(3)~~ (2) Primary eye protection shall be required unless the self-contained breathing apparatus (SCBA) is being used. The full facepiece of SCBA shall be considered as face and eye protection when worn.

(A) If the facepiece has a face-mounted regulator that when disconnected provides a direct path for flying objects to strike the face or eye, the facepiece shall have the regulator attached

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in order to be considered as eye and face protection.

~~(4)~~ (3) When operating in a hazardous area at an emergency scene without a full-face respirator, fire fighters shall wear primary eye protection that is designed to protect the eyes from the hazard.

(d) Ear and Neck Protection and Protective Hood Interface. Protection against burns or injury to the ears and neck shall be provided by one or more of the following: [From §3404 (a)]

(1) Ear flap attachment to helmet;

(2) Hood or shroud.

(e) Body Protection. Body protection shall be provided to and used by each fire fighter when exposed to the hazards of structural and proximity fire fighting activity. Body protection shall consist of structural or proximity fire protective garments. [From §3405(a)]

(1) Body protection provided for other than structural fires shall be appropriate for the potential hazards. [From §3405(c)]

(f) Hand and Wrist Protection. Protective gloves shall be provided to and used by each fire fighter when exposed to the hazards of structural and proximity fire fighting activity. Such protective gloves shall be suitable to the hazards encountered in fires and fire related emergencies. [From §3406(a)]

(g) Foot Protection. Foot protection shall be provided to and worn by fire fighters while engaged in structural and proximity fire fighting activity. [From 3407(a)]

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 147.4, Labor Code.

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Amend Section 3403:

~~§3404. Ear and Neck Protection and Protective Hood Interface.~~ *[Reserved]*

~~(a) Protection against burns or injury to the ears and neck shall be provided by one or more of the following: *[Moved to 3403(d)]*~~

- ~~(1) Ear flap attachment to helmet;
(2) Hood or shroud.~~

~~(b) In Service hood and coat collars shall be constructed and tested in accordance with the National Fire Protection Association (NFPA) 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007 Edition, which is hereby incorporated by reference. *[Replaced by §3403(a)]*~~

~~(c) Fabric and non fabric materials of in service protective ensembles shall meet the requirements of NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007 Edition, which is hereby incorporated by reference. *[Replaced by §3403(a)]*~~

~~NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 147.4, Labor Code.~~

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§3405. ~~Body Protection.~~ *[Reserved]*

~~(a) Body protection shall be provided to and used by each fire fighter when exposed to the hazards of structural and proximity fire fighting activity. Body protection shall consist of structural or proximity fire protective garments. *[Moved to §3403(e)]*~~

~~(b) In-service fire fighting protective garments shall meet the certification, labeling, performance, design, and testing requirements of the National Fire Protection Association (NFPA) 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007 Edition, which is hereby incorporated by reference. *[Replaced by §3403(a)]*~~

~~(c) Body protection provided for other than structural fires shall be appropriate for the potential hazards. *[Moved to §3403(d)(1)]*~~

~~NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 147.4, Labor Code.~~

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§3406. ~~Hand and Wrist Protection.~~ *[Reserved]*

~~(a) Protective gloves shall be provided to and used by each fire fighter when exposed to the hazards of structural and proximity fire fighting activity. Such protective gloves shall be properly sized and suitable to the hazards encountered in fires and fire related emergencies. [Requirement to provide moved to 3403(f), properly sized requirement moved to Section 3401 (b)(2)(B)]~~

~~(b) Protective gloves for fire fighters shall be made of durable outer material designed to withstand the effects of flame, heat, vapor, liquids, sharp objects and other hazards that are encountered in fire fighting. [Replaced by a general requirement in §3403(a) covered in NFPA 1971-2013 and 2018 edition]~~

~~(c) In Service Gloves. A durable label in accordance with the National Fire Protection Association (NFPA) 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007 Edition, which is hereby incorporated by reference, shall be permanently attached to each glove. Labeling may be accomplished by stamping, embossing, affixing, or other suitable method. [Replaced by a general requirement in §3403(a), covered in NFPA 1971-2013 and 2018 edition]~~

~~NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 147.4, Labor Code.~~

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~~§3407. Foot Protection.~~ *[Reserved]*

~~(a) Foot protection shall be provided to and worn by fire fighters while engaged in structural and proximity fire fighting activity. [Moved to 3403(g)]~~

~~(b) The use of foot protection shall be coordinated with the wearing of the protective clothing system to ensure full body protection. [Moved to 3401(b)(2)(A) to require that the entire ensemble be coordinated]~~

~~(c) In-service foot protection shall meet the requirements of the National Fire Protection Association (NFPA) 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2007 Edition, which is hereby incorporated by reference. [Replaced by a general requirement in §3403(a)]~~

~~NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 147.4, Labor Code.~~

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