

8.5.3 Small surface nicks shall be repaired in accordance with the helmet element manufacturer's instructions.

8.5.4 Small scratches on the helmet shell shall be permitted to be removed by using mildly abrasive compounds recommended by the helmet element manufacturer.

8.5.5 Helmet faceshield and goggle components that become cracked or badly scratched shall be replaced.

8.6 Glove Element Repair. In addition to the requirements in Section 8.1, all repairs to glove components shall be performed in accordance with the glove element manufacturer's instructions.

8.7 Footwear Element Repair.

8.7.1 In addition to the requirements in Section 8.1, all repairs to footwear components shall be performed in accordance with the footwear manufacturer's instructions.

8.7.2 Other than for the replacement of bootlaces and zipper assemblies, the footwear manufacturer shall be contacted to determine feasibility of the repair.

8.7.3 All replacement bootlaces and zippers shall be provided by the footwear element manufacturer.

8.8 Structural Fire Fighting Hood and Proximity Fire Fighting Helmet Overcover and Proximity Fire Fighting Shroud Repair. In addition to the requirements in Section 8.1, all repairs to hoods, helmet covers, and proximity shrouds shall be performed in accordance with the element manufacturers' instructions. Repairs of these interface components containing a particulate blocking layer shall not be undertaken unless authorized by the manufacturer.

8.9 Additional Requirements for Structural Fire Fighting Ensembles and Proximity Fire Fighting Ensembles with Optional Liquid and Particulate Contaminant Protection. In addition to the requirements in Section 8.1, all repairs to ensembles with optional liquid and particulate contaminant protection shall be referred to the ensemble manufacturer.

Chapter 9 Storage

9.1* All Ensembles and Ensemble Elements.

9.1.1* Ensembles or ensemble elements not in use shall not be exposed to lighting that emits UV rays, including, but not limited to, fluorescent lighting, direct sunlight, and indirect sunlight.

9.1.2* Ensembles and ensemble elements shall be clean and dry before storage.

9.1.3 Ensemble and ensemble elements shall not be stored in airtight containers unless they are new and unissued.

9.1.4* Ensembles and ensemble elements shall not be stored at temperatures below 32°C (25°F) or above 82°C (180°F).

9.1.5 Ensembles and ensemble elements shall not be stored or transported in compartments or trunks with sharp objects, tools, or other equipment that could damage the ensembles or ensemble elements. Where ensembles or ensemble elements must be transported or stored in such environments, the ensemble or element(s) shall be placed in a protective case or bag to prevent damage.

9.1.6* Issued ensembles and ensemble elements shall not be allowed in living quarters. Contaminated or soiled clothing shall not be transported in the cab of fire department apparatus when not being worn for operational duties unless placed in an airtight protective case or bag to prevent cross contamination. If placed in a protective case or bag, the ensemble(s) or ensemble element(s) shall be removed from such environments as soon as possible following transport. Wet ensembles or ensemble elements shall not be stored in a protective case or bag used for transport.

9.1.7* Ensembles and ensemble elements shall not be stored in contact with contaminants such as, but not limited to, oils, solvents, acids, or alkalis.

9.1.8 Proximity fire fighting protective coat and trouser elements shall be stored by hanging to limit the damage caused by creasing and shall not be stored folded.

9.1.9 Eye and face protection shall be readily accessible to the user and, when not in use, shall be stored in such a manner so as to prevent at least the following:

- (1) Thermal damage
- (2) Mechanical damage
- (3) Hazardous materials contamination

9.1.10 Ensemble and ensemble element storage areas shall be clean, dry, and well ventilated.

Chapter 10 Retirement, Disposition, and Special Incident Procedure

10.1 Retirement.

10.1.1* The organization shall develop specific criteria for removal of structural fire fighting ensembles and ensemble elements and proximity fire fighting ensembles and ensemble elements from service, which includes, but is not limited to, issues that are specific to the ensembles or ensemble elements being used by the organization, the manufacturer's instructions, and the experience of the organization.

10.1.2* Structural fire fighting ensembles and ensemble elements shall be retired in accordance with 10.2.1 or 10.2.2, no more than 10 years from the date the ensembles or ensemble elements were manufactured.

10.1.3 Proximity fire fighting ensembles and ensemble elements shall be retired in accordance with 10.2.1 or 10.2.2, no more than 10 years from the date the ensembles or ensemble elements were manufactured.

10.1.3.1* In all cases, the radiant reflective outer shell of the garment element shall be replaced no more than 5 years from the date the ensembles or ensemble elements were manufactured.

10.1.4* Structural fire fighting ensembles and ensemble elements and proximity fire fighting ensembles and ensemble elements that are worn or damaged to the extent that the organization deems it not possible or cost effective to repair shall be retired in accordance with 10.2.1.

10.1.5* Structural fire fighting ensembles and ensemble elements and proximity fire fighting ensembles and ensemble elements that were not in compliance with the edition of the applicable NFPA standard that was current when the ensembles