

EL DORADO COUNTY FIRE PROTECTION DISTRICT
STANDARD OPERATING GUIDELINE

ARTICLE 4: ROUTINE PROCEDURES

EFFECTIVE DATE: 12-1-2020

SECTION 19: CARE AND MAINTENANCE OF SPPE

REVISED: 01-01-21

4.19.1 PURPOSE: To establish a program for the care and maintenance of SPPE ensembles.

4.19.2 POLICY:

1. All SPPE shall not be worn unless properly inspected and maintained by Districts Authorized Personnel.
2. A record must be kept on all SPPE in accordance with NFPA 1851
3. Any inspecting, cleaning, repair and or storage must follow this guideline.

4.19.3 Definitions:

1. SPPE: Structural Personal Protective Equipment (turnouts, gloves, boots, hood and Helmet)
2. District Authorized Personnel: Employed personnel that have been trained to NFPA 1851 guidelines.
3. NFPA 1851: National Fire Protection Agency 1851, Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting.
4. IDLH: Immediately Dangerous to Life and Health.

4.19.4 Procedures:

1. If any element of the SPPE is soiled with body fluids and or have been exposed to products involved in fighting fire (IDLH structure or vehicle) or training in an IDLH atmosphere they must be decontaminated on scene by the Districts "Gross Decon" guidelines.
2. After "Gross Decon" the SPPE must be cleaned and inspected upon returning to the station and if possible, prior to re donning.
3. The District is enrolled in an annual third-party inspection process that will have this SPPE cleaned and inspected according to NFPA 1851.
 - a. The District will send SPPE out for inspection and repair annually by shifts one set at a time. This set must be cleaned prior to shipping to vendor and is the responsibility of the employee to get it to the collection site by designated date.
 - b. A shift will send their backup set to inspection in December each year.
B shift will send their backup set to inspection in January each year.
C shift will send their backup set to inspection in February each year.
A shift will send their first out set to inspection in March each year.
B shift will send their first out set to inspection in April each year.
C shift will send their first out set to inspection in May each year.
4. The District will make every attempt issue SPPE for all personnel and replace at the NFPA 1851 guideline of ten years. If it is found to be deemed out of service at this mark and or prior to ten years by a qualified technician, it may still be used for training in a non IDLH atmosphere.

5. The District will make every effort to issue two sets of turnouts as well as a "large" turnout bag for storage and transportation. As well the District will issue "with the second set a smaller" turnout bag for storage of the second set. Employees shall store their second set of SPPE in this smaller bag and keeps it with them on shift.
6. SPPE may only be washed and inspected be authorized personnel.

4.19.5 Gross Decon:

1. Gross Decon procedures shall include any method dry or wet to remove obvious debris from the SPPE by way of a brush, low pressure water hose that can get as much loose material off of the gear while the wearer and the cleaner are still wearing SPPE and breathing air from their SBCA.
2. Personnel should refrain from wearing soiled SPPE in apparatus. SPPE should be removed and bagged to prevent contamination spread.
3. When personnel are in quarters after an incident and equipment is in need of cleaning/restock, personnel may redon their soiled SPPE to clean contaminated equipment (hose, SCBA, tool, etc.) but must remove and clean prior to reusing. At this point they should be getting their second set of SPPE on the apparatus.
4. All SPPE shall be cleaned and inspected by qualified personnel prior to putting back in service.

4.19.6 Additional PPE:

1. The District will issue "Wildland PPE" to all personnel.
2. All personnel should keep their "Wildland PPE" in the same care as their SPPE.
3. All Company officers shall ensure that their personnel are aware that "Wildland PPE" with certain types of fires can have the same contaminants as SPPE and to be sure their personnel are in clean safe attire.