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OPERATIONSMANUAL

STANDARD INSTRUCTION 14, SECTION 09

PERSONAL PROTECTIVE EQUIPMENT: INCIDENT WEAR CHART

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I. PURPOSE

This policy outlines the proper selection, use, and care of personal protective equipment (PPE), to effectively reduce the number and severity of injuries due to accidents.

II. SCOPE

This policy shall apply to all uniformed SDFD personnel.

III. AUTHORITY

The fire chief authorizes the information within this policy.

IV. POLICY

A. SDFD General PPE Policies

1. Supervisors shall be responsible for fully training the members of their crew(s) in the care, use, inspection, maintenance, and limitations of assigned personal protective equipment. Company officers and incident commanders shall be responsible for ensuring that all personnel under their command adhere to these policies.
2. All personnel who are directly engaged in emergency operations, or can reasonably anticipate that they may become involved on short notice, shall be attired in PPE specific to the incident type detailed in the PPE Chart of Required Personal Protective Equipment.
3. A self-contained breathing apparatus (SCBA) shall be used by all personnel working in areas where the quality of the atmosphere is unknown, or is known or suspected to be immediately dangerous to life or health (IDLH), or may rapidly become hazardous.
4. Personnel who are directly involved in providing patient care shall don the required PPE prior to making patient contact.
5. Medical-aid fanny packs are distributed during the face piece fit test for the N100 respirator.
6. All fire engineers, when out of the driver's seat and working on or around the apparatus at emergency incidents, shall be attired in the level of PPE required of other firefighting personnel for the incident type. An SCBA does not have to be worn but must be immediately available for use if required.

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7. All personnel, except battalion chiefs and drivers, shall don the required PPE for the emergency prior to boarding the apparatus. Chief officers should don the required and situational PPE prior to reporting to the command post. Engineers should don turnout pants, or brush pants as appropriate for the incident, prior to boarding the apparatus.
8. If a response is dispatched while the apparatus is in motion, the engineer, when safe to do so, shall pull to the side of the roadway and allow personnel to don their PPE. Once all personnel are seated and seat belted, the apparatus may resume the response. At no time shall personnel remove seatbelts to don PPE or wear structural helmets while the apparatus is in motion. Brush and rescue helmets may be worn in apparatus.
9. At no time shall personnel wear rain gear over protective clothing while engaged in fire suppression operations or operating in or near traffic lanes. Turnouts and brush gear are fire resistive and provide retro-reflective properties that rain gear lacks. Rain gear is only to be worn during non-emergency operations being conducted outside of traffic lanes. e.g. company training, fire company inspections, pre-fire inspections, and community events.
10. Personnel performing traffic control functions shall wear a helmet and turnout coat or brush jacket, high visibility safety vest, utilize a portable stop sign and light wand.
11. Personnel performing manipulative testing or training shall wear a level of PPE that is appropriate for the testing scenario.

B. PPE Chart
On following pages.

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San Diego Fire-Rescue Department Chart of Required Personal Protective Equipment		
These PPE requirements are for initial response and operations. Company officers and/or incident commanders may add or reduce PPE based on current or expected conditions at scene.		
Response/Incident Type	Minimum Required PPE	Situation PPE
<ul style="list-style-type: none"> • Structure • Vehicle • Rubbish • Ringing Alarms • Hazmat (including fuel spills)*	<ul style="list-style-type: none"> • Structural helmet and hood • Turnout coat, pants, structure boots and gloves. • Vehicle fires on freeways: High visibility safety vest when not engaged in active rescue, firefighting efforts or mitigation of a hazardous materials incident 	<ul style="list-style-type: none"> • SCBA** • Hearing protection • Appropriate eye protection
<ul style="list-style-type: none"> • Wildland • Grass/Brush • Vegetation • Structure Protection in urban interface <ul style="list-style-type: none"> • Upgrade to full turnouts if conducting interior operations 	<ul style="list-style-type: none"> • Wildland helmet with shroud • Brush jacket and pants over Class B/C uniform, OR approved single layer, wildland tactical pant • Wildland boots and gloves • Appropriate eye protection • Web gear with fire shelter and canteen 	<ul style="list-style-type: none"> • Long sleeve Class C t-shirt recommended • Hearing protection • Chaps with chainsaw use
<ul style="list-style-type: none"> • Vehicle Accident • Vehicle Rescue 	<ul style="list-style-type: none"> • Structural helmet and hood • Turnout coat, pants, structural boots, and gloves with medical aid gloves (under work gloves) • Appropriate eye protection • Vehicle fires on freeways: High visibility safety vest when not engaged in active rescue, firefighting efforts or mitigation of a hazardous materials incident 	<ul style="list-style-type: none"> • SCBA • Hearing protection • Appropriate eye protection • Medical aid face shield • HEPA mask
<ul style="list-style-type: none"> • Vertical • Industrial • Trench Rescue 	<ul style="list-style-type: none"> • Helmet, brush jacket • Class B/C uniform • Utility boots • Structure, wildland, or specialty gloves*** • Appropriate eye protection 	<ul style="list-style-type: none"> • Turnouts • Hearing protection • Medical aid gloves (under work gloves) • Brush / rescue helmet • Brush pants

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<ul style="list-style-type: none"> Water Rescue 	<ul style="list-style-type: none"> Class C uniform Tennis shoes or utility boots No structure helmets or turnouts 	<ul style="list-style-type: none"> PFD if available Work gloves Dry suit Rescue helmet
<ul style="list-style-type: none"> Special Service (non-fire) e.g. elevator rescue, lock-outs, assist PD 	<ul style="list-style-type: none"> Class B uniform or Class C uniform w/brush jacket or turnout coat Any approved boot 	<ul style="list-style-type: none"> Helmet, brush or structure Work gloves Appropriate eye or hearing protection
<ul style="list-style-type: none"> Medical Aid Pedestrian Traffic Accidents **** 	<ul style="list-style-type: none"> Class B uniform or class C uniform Any approved boot Medical aid gloves Medical aid safety glasses 	<ul style="list-style-type: none"> Medical aid face shield HEPA mask Disposable gown Hearing protection Brush jacket or turnouts
<p>*Warning: Full turnout structural firefighting PPE is the minimum level of protection for hazardous materials incidents and may not provide adequate protection under all conditions.</p>		
<p>**SCBAs are required to be worn and “operating” anytime you enter a potential IDLH atmosphere and will continue to be worn until the company officer or IC determines they are no longer required.</p>		
<p>***Specialty Gloves: Gloves used by USAR 4 and 41 and Lifeguard River Rescue Unit.</p>		
<p>**** Retro reflective material: All personnel shall wear clothing and/or equipment which has retro reflective material whenever operating in/near the roadway.</p>		
<p>Specialty units shall wear PPE specific to their specialty, as approved by the deputy chief of operations.</p>		