

# Personal Protective Equipment

## **Objective**

These PPE exercises are intended to combine basic safety checks, periodic inspection and maintenance checks as well as familiarization with the equipment.

## **Background/Guidance**

Inspection or maintenance is to be done to correct problems with your personal gear. Most of the training sessions will use “Performance Standard Skill Sheets” that are currently in use by the New Mexico Firefighters Training Academy for certification.

## **Preparation & Equipment**

Coat, Pants, Hood, Helment, Gloves, Boots

## **Note**

The “Performance Standard Skill Sheet” is intended only as a guide for the exercise. Read the front and backside of the sheet before working through the exercise. It is worthwhile to consider the timing requirements and test yourself occasionally.

## **Training Session #1 – Inspection of PPE**

- Work through the Performance Standard Skill Sheet titled ‘Personal Protective Equipment #1’ – Inspection of PPE
- Inspect your PPE using the skill sheet as a guide. Look for potential problems with your gear that can jeopardize your safety

## **Training Session #2 – Donning and Doffing of PPE**

- Work through the Performance Standard Skill Sheet titled ‘Personal Protective Equipment #2’ – Donning and Doffing of PPE
- Lay out and organize your PPE for donning using the skill sheet as a guide
  - Look for potential problems with your gear that can jeopardize your safety
  - Upon completion of donning the equipment, use the ‘buddy system’ to insure it is worn properly. Are the buttons, hooks, snaps, Velcro are all in place?
  - Work to complete the task in the allotted time but time handicaps are given for geriatric departments
  - Reverse the procedure to remove the clothing.

## **Reference Source:**

Essentials of Fire Fighting, 4<sup>th</sup> Edition, Chapter 4



**NEW MEXICO FIREFIGHTERS TRAINING  
ACADEMY**

**FIREFIGHTER I**

*Performance Standard Skill Sheet*

**PERSONAL PROTECTIVE EQUIPMENT #1**

*Inspection of PPE*

**PERFORMANCE STANDARD**

**NFPA 1001 3-1.1.2**

**OBJECTIVE**

The firefighter trainee shall properly demonstrate the proper method of inspecting a set of protective clothing. The trainee shall accomplish the task in 5 minutes or less.

**INSTRUCTIONS – Procedures for Achieving the Objective**

You will be given a complete set of protective equipment. You shall perform an inspection on the personal protective clothing. You will have 5 minutes to complete this task. You will begin on my instruction to start. The task will end when you state to me that you have completed all of the above-identified steps. Do you understand these instructions?

**EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

**PREPARATION & EQUIPMENT**

- Helmet
- Turnout coat
- Turnout pants
- Gloves
- Boots
- Protective hood

**REFERENCE SOURCE**

IFSTA, Fire Department Occupational Safety, 2<sup>nd</sup> Edition

IFSTA, Essentials of Firefighting, 4<sup>th</sup> Edition

Delmar, Thompson Learning, Firefighters Handbook: Essentials of Firefighting and Emergency Response

Brazos Canyon Volunteer Fire Department Training Modules

**NEW MEXICO FIREFIGHTERS TRAINING ACADEMY**

**FIREFIGHTER I**

*Performance Standard Skill Sheet*

**PERSONAL PROTECTIVE EQUIPMENT #1**

*Inspection of PPE*

|                      |               |
|----------------------|---------------|
| <b>FGID #:</b>       | <b>DATE:</b>  |
| <b>Trainee ID #:</b> | <b>Notes:</b> |
| <b>Program:</b>      |               |
| <b>Test Site:</b>    |               |
| <b>Evaluator:</b>    |               |

**IF THE FIREFIGHTER TRAINEE:**

(No Partial Points Given)

|                    |                  |
|--------------------|------------------|
| POINTS<br>POSSIBLE | POINTS<br>EARNED |
|--------------------|------------------|

**CLOTHING**

- a. Checks to ensure all parts are present.
- b. Checks to ensure buckles and snaps function properly.
- c. Checks to ensure that all liners are secure and in place.
- d. Checks label for conformance with Standard and care instructions.
- e. Checks for tears.
- f. Checks for worn areas.
- g. Checks for cleanliness.
- h. Checks wristlets.
- i. Checks reflective trim.
- j. Checks suspenders.

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**HELMET**

- a. Checks for cracks in shell.
- b. Checks for burns or melting.
- c. Checks for frayed or improperly attached inner webbing.
- d. Checks chin strap for fraying or malfunction.
- e. Checks face shield for cracks, excessive wear, and distortion.
- f. Checks for correct suspension (1¼" between webbing and inner shell).
- g. Checks condition of ear flaps.

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**GLOVES**

- a. Checks for holes, rips, and excessive wear.
- b. Checks for separating seams.
- c. Checks for burns.
- d. Checks for flexibility and fit.

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| 1.0 |  |
| 1.0 |  |

Brazos Canyon Volunteer Fire Department Training Modules

**HOOD**

- a. Checks for holes, rips, tears, or burns.
- b. Checks for proper fit.

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| 1.0 |  |

**BOOTS**

- a. Checks for cracks, holes, or tears.
- b. Checks condition of sole.
- c. Checks for cleanliness.
- d. Checks for proper fit.

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| 1.0 |  |

Completes skill in allotted time.

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|-----|--|
| 3.0 |  |
|-----|--|

Allotted time for this skills: 5 minutes      Time: \_\_\_\_\_minutes      \_\_\_\_\_seconds

**TOTAL POINTS POSSIBLE:**

|             |  |
|-------------|--|
| <b>30.0</b> |  |
|-------------|--|

**TOTAL POINTS NEEDED TO PASS:**

|             |  |
|-------------|--|
| <b>21.0</b> |  |
|-------------|--|

**TOTAL POINTS SCORED BY THIS CANDIDATE:**

|  |  |
|--|--|
|  |  |
|--|--|

**PERFORMANCE RATING OF TRAINEE ON THIS SKILL:**

**PASS**       **FAIL**



# NEW MEXICO FIREFIGHTERS TRAINING ACADEMY

## FIREFIGHTER I

Performance Standard Skill Sheet

### PERSONAL PROTECTIVE EQUIPMENT #2

Donning and Doffing of PPE

#### PERFORMANCE STANDARD

NFPA 1001 3-1.1.2

#### OBJECTIVE

The fire fighter trainee shall properly demonstrate the donning and doffing of personal protective clothing.

#### INSTRUCTION - Procedures for Achieving The Objective

You will be given a complete set of protective clothing (turnout coat, turnout pants, hood, gloves, helmet, and boots). You will be required to properly don the protective clothing in 1½ minutes. After you have donned the clothing reverse the procedure to doff. You will begin on my instruction to start. The task will end when you state to me that you have completed all of the above-identified task. Do you understand these instructions?

#### EXAMINERS NOTE

The fire fighter trainee will not be allowed to review the performance steps at the time of testing. Only the donning of the protective clothing will be timed.

#### PREPARATION & EQUIPMENT

Turnout coat  
Turnout pants  
Hood  
Helmet  
Gloves  
Boots

#### REFERENCE SOURCE:

IFSTA, Essentials of Fire Firefighting, 4<sup>th</sup> Edition  
Delmar, Thompson Learning, Firefighters Handbook: Essentials of Firefighting and Emergency Response

**NEW MEXICO FIREFIGHTERS TRAINING ACADEMY**  
**FIREFIGHTER I**

*Performance Standard Skill Sheet*

**PERSONAL PROTECTIVE EQUIPMENT #2**

*Donning and Doffing of PPE*

|                      |               |
|----------------------|---------------|
| <b>FGID #:</b>       | <b>DATE:</b>  |
| <b>Trainee ID #:</b> | <b>Notes:</b> |
| <b>Program:</b>      |               |
| <b>Test Site:</b>    |               |
| <b>Evaluator:</b>    |               |

**IF THE FIREFIGHTER TRAINEE:**

(No Partial Points Given)  
**POINTS POSSIBLE**      **POINTS EARNED**

**TURNOUT PANTS**

- e. Removes safety shoes.
- f. Steps into turnout pants one foot at a time.
- g. Pulls pants up by waistband (not suspenders).
- h. Adjusts suspenders (if necessary).
- k. Secures Velcro (if present).

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| 1.0 |  |

**TURNOUT COAT**

- a. Dons turnout coat.
- b. Dons protective hood.
- c. Fastens all snaps and buckles.
- d. Secures Velcro (if present).
- e. Turns up collar.
- h. Pulls hood back (in preparation for donning facemask).

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**HELMET AND GLOVES**

- a. Dons helmet with earflaps down (adjusts facemask)
- b. Assures face shield is in the down position.
- c. Dons gloves.

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| 1.0 |  |
| 1.0 |  |

- a. **Completes task in allotted time.**

|            |  |
|------------|--|
| <b>6.0</b> |  |
|------------|--|

**TOTAL POINTS POSSIBLE:**

**TOTAL POINTS NEEDED TO PASS:**

**TOTAL POINTS SCORED BY THIS CANDIDATE:**

|             |  |
|-------------|--|
| <b>20.0</b> |  |
| <b>14.0</b> |  |
|             |  |

**PERFORMANCE RATING OF TRAINEE ON THIS SKILL:**     **PASS**       **FAIL**