

## Skill Set: Analyze the Incident and Implement the Response

**Reference:** NFPA 1072, 2017 Edition - Chapter 4, Section 4.3.1(B) - Initiate Protective Actions; 4.4.1(B) - Notification  
 - Chapter 5, Sections 5.2.1(B) - Identify Potential Hazards; 5.3.1(B) - Identify Action Options; 5.4.1(B) - Action Plan Implementation; 5.6.1(B) - Progress Evaluation and Reporting  
 - Chapter 6, Sections 6.2.1(B) - Personal Protective Equipment

**Candidate Equipment Required:** ERG

**Evaluator Equipment Required:** HazMat Incident Scenario Worksheet, Incident Action Plan

### Evaluator’s Instructions to the Candidate

At this station, you will be required to analyze the incident and implement the response. You will be provided with a HazMat Incident Worksheet with 1 of 3 scenarios, and an Incident Action Plan for the specific scenario. You will need to complete the worksheet utilizing the Incident information, the IAP and information you attain from the ERG. Be sure to complete the entire worksheet before turning it in to the skills evaluator.

Lastly, you will need to provide an update on the scenario to the incoming Incident Commander (IC) who arrives on scene to relieve you.

I will act as the incoming IC arriving on scene.

***This is NOT a timed event, but you must successfully complete it in a reasonable fireground time. To pass this station, you must successfully complete 100% of the steps.***

| No. | Evaluated Skill Items                                                                     | First Time |      | Retest |      |
|-----|-------------------------------------------------------------------------------------------|------------|------|--------|------|
|     |                                                                                           | Pass       | Fail | Pass   | Fail |
| 1.  | Identified isolations areas.                                                              |            |      |        |      |
| 2.  | Ensure unauthorized personnel and public do not enter isolation area.                     |            |      |        |      |
| 3.  | Identified type of container, any leaks, and conditions surrounding incident.             |            |      |        |      |
| 4.  | Identified personal protective equipment appropriate for the incident.                    |            |      |        |      |
| 5.  | Implement the Incident Action Plan (IAP) and identified response objectives.              |            |      |        |      |
| 6.  | Determined if action items are being met.                                                 |            |      |        |      |
| 7.  | Communicated progress to the supervisor using approved communication tools and equipment. |            |      |        |      |

## Skill Set: Demonstrate Emergency Decontamination

**Reference:** NFPA 1072, 2017 Edition - Chapter 5, Sections 5.4.1(B) - Action Plan Implementation; 5.5.1(B) - Emergency Decontamination

**Candidate Equipment Required:** Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device, ERG

**Evaluator Equipment Required:** Salvage tarp, 1-3/4" hoseline with nozzle, empty 5 gallon bucket

### Evaluator's Instructions to the Candidate

At this station, a firefighter wearing full PPE and SCBA is returning from the Hot Zone and requires emergency decontamination. I will inform you of what contaminant the firefighter was exposed to.

You will be the Decontamination Team leader and I will act as a team member. I will only acknowledge and perform the tasks you assign me within my abilities as an Operations level responder.

You are required to demonstrate all steps necessary to perform emergency decontamination of the firefighter. Once completed, you will transfer the firefighter to treatment personnel and complete any required paperwork.

I will act in the role of the treatment personnel for you to transfer the firefighter.

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| No. | Evaluated Skill Items                                                                          | First Time |      | Retest |      |
|-----|------------------------------------------------------------------------------------------------|------------|------|--------|------|
|     |                                                                                                | Pass       | Fail | Pass   | Fail |
| 1.  | Ensure decontamination team members are wearing appropriate PPE.                               |            |      |        |      |
| 2.  | Remove the victim from the contaminated area.                                                  |            |      |        |      |
| 3.  | Ensure emergency decontamination is set up in a safe area.                                     |            |      |        |      |
| 4.  | Wash immediately any contaminated PPE or exposed body parts with flooding quantities of water. |            |      |        |      |
| 5.  | Remove PPE rapidly, minimizing the spread of contaminants.                                     |            |      |        |      |
| 6.  | Perform a quick cycle of head-to-toe rinse, wash, and rinse.                                   |            |      |        |      |
| 7.  | Transfer the victim to treatment personnel for assessment, first aid, and medical treatment.   |            |      |        |      |
| 8.  | Ensure that ambulance and hospital personnel are told about the contaminant involved.          |            |      |        |      |
| 9.  | Complete required reports and supporting documentation.                                        |            |      |        |      |

## Skill Set: Mission-Specific Competencies PPE: Don, Work In, and Doff PPE & SCBA

**Reference:** NFPA 1072, 2017 Edition - Chapter 5, Sections 5.4.1(B) - Action Plan Implementation  
 - Chapter 6, Section 6.2.1(B) - Personal Protective Equipment

**Candidate Equipment Required:** Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

**Evaluator Equipment Required:** None

### Evaluator's Instructions to the Candidate

At this station, you will be required to don a personal protective clothing ensemble (PPE), including SCBA. Each candidate will begin this station fully dressed (including shoes/boots) in street clothes/station uniform. The exact sequence of donning the PPE and SCBA is not graded. However, once completed, all components must be correctly worn. When you have completed all donning procedures, clap your hands and a skills evaluator will inspect you.

Once you have completed the donning portions of this station, the skills evaluator will give you a work assignment to complete. Once the assignment is complete, you will DOFF the SCBA and your PPE.

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| No. | Evaluated Skill Items                                                                | First Time |      | Retest |      |
|-----|--------------------------------------------------------------------------------------|------------|------|--------|------|
|     |                                                                                      | Pass       | Fail | Pass   | Fail |
| 1.  | Perform visual inspection of PPE & SCBA for damage or defects.                       |            |      |        |      |
| 2.  | Don protective trousers, and boots.                                                  |            |      |        |      |
| 3.  | Don protective hood, pulling hood down around neck and exposing head.                |            |      |        |      |
| 4.  | Don protective coat.                                                                 |            |      |        |      |
| 5.  | Don SCBA, ensuring cylinder valve is fully open and all straps are secured.          |            |      |        |      |
| 6.  | Don SCBA facepiece and ensure a proper fit and seal.                                 |            |      |        |      |
| 7.  | Pull hood up completely so that facepiece straps and skin are not exposed.           |            |      |        |      |
| 8.  | Don helmet and gloves.                                                               |            |      |        |      |
| 9.  | Ensure all fasteners, straps, buckles, etc., are fastened.                           |            |      |        |      |
| 10. | Perform work assignment.                                                             |            |      |        |      |
| 11. | Doff PPE and SCBA in reverse order according to AHJ's SOPs.                          |            |      |        |      |
| 12. | Perform visual inspection of PPE & SCBA for damage or defects and document findings. |            |      |        |      |

## Skill Set: Hazard Recognition and Identification with Documentation

**Reference:** NFPA 1072, 2017 Edition - Chapter 4, Section 4.2.1(B) - Recognition and Identification; 4.3.1(B) - Initiate Protective Actions; 4.4.1(B) - Notification  
 - Chapter 5, Section 5.2.1(B) - Identify Potential Hazards

**Candidate Equipment Required:** ERG

**Evaluator Equipment Required:** HazMat Incident Worksheet

### Evaluator’s Instructions to the Candidate

At this station, you will be provided with an image of a HazMat incident Worksheet. Each worksheet has a different scenario.

After reading the scenario, complete all portions of the HazMat Incident Worksheet as if you are the first responder arriving on the scene and temporarily in command until an officer of a higher rank arrives and relieves you.

Some of the items to consider include – but are NOT limited to – level of PPE & respiratory protection required, chemical name, ID, method(s) of controlling the product, etc.

Once complete, I will act as the incoming officer and you will communicate to me all necessary information about the incident following policies and procedures.

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| No. | Evaluated Skill Items                                                                                                                                                                                       | First Time |      | Retest |      |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|--------|------|
|     |                                                                                                                                                                                                             | Pass       | Fail | Pass   | Fail |
| 1.  | Collected and determined hazard information using approved reference sources.                                                                                                                               |            |      |        |      |
| 2.  | Described potential hazards, harm, and outcomes based on potential behavior.                                                                                                                                |            |      |        |      |
| 3.  | Used approved reference sources to identify:<br>- Hazardous material(s) by name<br>- Emergency response information (required PPE, evacuation distances)<br>- Potential fire, explosion, and health hazards |            |      |        |      |
| 4.  | Communicated all necessary information about the incident following policies and procedures.                                                                                                                |            |      |        |      |

## Skill Set: Mission-Specific Competencies Product Control: Product Control Techniques

**Reference:** NFPA 1072, 2017 Edition - Chapter 6, Sections 6.6.1(B) - Product Control

**Candidate Equipment Required:** Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device, ERG

**Evaluator Equipment Required:** 1-3/4" hoseline with nozzle, absorbent material, absorbent pads/booms, push broom, shovel, empty 5 gallon bucket

### Evaluator's Instructions to the Candidate

At this station, you will be given the appropriate tools and equipment and a simulated HazMat release situation. You will be required to demonstrate/perform product control techniques. You will be responsible for demonstrating all procedures for product control currently expected of a first responder at the Operations level.

I will indicate which four (4) of the nine (9) skills you will demonstrate from the list below and you must identify what level of appropriate PPE will be necessary for the skills chosen.

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| No. | Evaluated Skill Items                                                              | First Time |      | Retest |      |
|-----|------------------------------------------------------------------------------------|------------|------|--------|------|
|     |                                                                                    | Pass       | Fail | Pass   | Fail |
| 1.  | Demonstrate performing absorption/adsorption                                       |            |      |        |      |
| 2.  | Demonstrate performing damming                                                     |            |      |        |      |
| 3.  | Demonstrate performing diking                                                      |            |      |        |      |
| 4.  | Demonstrate performing diversion                                                   |            |      |        |      |
| 5.  | Demonstrate performing retention                                                   |            |      |        |      |
| 6.  | Demonstrate performing vapor suppression                                           |            |      |        |      |
| 7.  | Demonstrate performing vapor dispersion                                            |            |      |        |      |
| 8.  | Demonstrate performing dilution                                                    |            |      |        |      |
| 9.  | Demonstrate performing remote valve shutoff or activating emergency shutoff device |            |      |        |      |