

6-2: Identifying the Scope of a Hazardous Materials/WMD Incident

Authority

1. NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (2017)
 - Paragraph 5.2.1

Job Performance Requirement

Identify the scope of the problem at a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, and approved reference sources, so that container types, materials, location of any release, and surrounding conditions are identified, hazard information is collected, the potential behavior of a material and its container is identified, and the potential hazards, harm, and outcomes associated with that behavior are identified.

Requisite Knowledge

1. *Define* hazard classes and divisions
2. *Identify* types of containers
3. *Identify* container identification markings, including piping and pipeline markings and contacting information
4. *Identify* types of information to be collected during the hazardous materials/WMD incident survey
5. *Identify the availability and location* of shipping papers in transportation and of safety data sheets (SDS) at facilities
6. *Describe* types of hazard information available from and how to contact CHEMTREC, CANUTEC, and SETIQ, governmental authorities, and manufacturers, shippers, and carriers
7. *Describe* how to communicate with carrier representatives to reduce impact of a release
8. *Identify* basic physical and chemical properties, including boiling point, chemical reactivity, corrosivity (pH), flammable (explosive) range [LFL (LEL) and UFL (UEL)], flash point, ignition (autoignition) temperature, particle size, persistence, physical state (solid, liquid, gas), radiation (ionizing and nonionizing), specific gravity, toxic products of combustion, vapor density, vapor pressure, and water solubility
9. *Identify* the behavior of a material and its container based on the material's physical and chemical properties and the hazards associated with the identified behavior
10. *List* examples of potential criminal and terrorist targets
11. *Identify* indicators of possible criminal or terrorist activity for each of the following: chemical agents, biological agents, radiological agents, illicit laboratories (i.e., clandestine laboratories, weapons labs, ricin labs), and explosives
12. *Describe* additional hazards associated with terrorist or criminal activities, such as secondary devices
13. *Determine* the likely harm and outcomes associated with the identified behavior and the surrounding conditions

Requisite Skills

1. Identify container types, materials, location of release, and surrounding conditions at a hazardous materials/WMD incident
2. Collect hazard information
3. Communicate with pipeline operators or carrier representatives
4. Describe the likely behavior of the hazardous materials or WMD and its container
5. Describe the potential hazards, harm, and outcomes associated with that behavior and the surrounding conditions

Content Modification

Block	Modification	Justification
RK 5	Added “and location”.	The documents should always be available; the real knowledge is in knowing where they are located.
RS 2	Removed “ing”.	Removed to for consistency with verb tenses of other NFPA standards.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1B, Topic 3-2: Identifying the Scope of a Hazardous Materials/WMD Incident	6-2: Identify the Scope of a Hazardous Materials/WMD Incident	(CTS 6-2)

6-3: Identifying Action Options for a Hazardous Materials/WMD Incident

Authority

1. NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (2017)
 - Paragraph 5.3.1

Job Performance Requirement

Identify the action options for a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, approved reference sources, and the scope of the problem, so that response objectives, action options, safety precautions, suitability of approved personal protective equipment (PPE) available, and emergency decontamination needs are identified.

Requisite Knowledge

1. *Identify* policies and procedures for hazardous materials/WMD incident operations
2. *List the* basic components of an incident action plan (IAP)
3. *Describe* modes of operation (offensive, defensive, and nonintervention)
4. *Describe* types of response objectives
5. *Describe* types of action options
6. *Identify* types of response information available from the Emergency Response Guidebook (ERG), safety data sheets (SDS), shipping papers with emergency response information, and other resources
7. *Identify* types of information available from and how to contact CHEMTREC, CANUTEC, and SETIQ, governmental authorities, and manufacturers, shippers, and carriers (highway, rail, water, air, pipeline)
8. *Describe* safety procedures
9. *Describe* risk analysis concepts
10. *Identify the* purpose, advantages, limitations, and uses of approved PPE to determine if PPE is suitable for the incident conditions
11. *Explain the* difference between exposure and contamination
12. *Identify* contamination types, including sources and hazards of carcinogens at incident scenes
13. *List* routes of exposure
14. *Describe* types of decontamination (emergency, mass, and technical)
15. *Describe the* purpose, advantages, and limitations of emergency decontamination
16. *Describe* procedures, tools, and equipment for performing emergency decontamination

Requisite Skills

1. Identify response objectives and action options based on the scope of the problem and available resources
2. Identify whether approved PPE is suitable for the incident conditions
3. Identify emergency decontamination needs based on the scope of the problem

Content Modification

Block	Modification	Justification

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1B, Topic 3-2: Identifying the Scope of a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 7 Fire Fighter 1B, Topic 3-4: Performing Emergency Decontamination at a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 14, 15, 16 Fire Fighter 1B, Topic 3-5: Identifying Action Options for a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12 and RS 1, 2, 3 	6-3: Identify Action Options for a Hazardous Materials/WMD Incident	(CTS 6-3)

6-4: Performing Assigned Tasks at a Hazardous Materials/WMD Incident

Authority

1. NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (2017)
 - Paragraph 5.4.1
2. Office of the State Fire Marshal

Job Performance Requirement

Perform assigned tasks at a hazardous materials/WMD incident, given a hazardous materials/WMD incident; an assignment with limited potential of contact with hazardous materials/WMD, policies and procedures, the scope of the problem, approved tools, equipment, and PPE, so that protective actions and scene control are established and maintained, on-scene incident command is described, evidence is preserved, approved PPE is selected and used in the proper manner; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; assignments are completed; and gross decontamination of personnel, tools, equipment, and PPE is conducted in the field.

Requisite Knowledge

1. *Describe* scene control procedures
2. *Describe* procedures for protective actions, including evacuation and sheltering-in-place
3. *Describe* procedures for ensuring coordinated communications between responders and to the public
4. *List* evidence recognition and preservation procedures
5. Identify hazardous materials/WMD incident command roles and responsibilities within the incident command system (ICS)
6. *Identify the* purpose, importance, benefits, and organization of incident command at hazardous materials/WMD incidents
7. *Describe* policies and procedures for implementing incident command at hazardous materials/WMD incidents
8. *Describe the* capabilities, limitations, inspection, donning, working in, going through decontamination while wearing, doffing approved PPE
9. *Describe how to recognize* signs and symptoms of thermal stress
10. *Identify* safety precautions when working at hazardous materials/WMD incidents
11. *Describe* purpose, advantages, and limitations of gross decontamination
12. *Identify* the need for gross decontamination in the field based on the task(s) performed and contamination received, including sources and hazards of carcinogens at incident scenes
13. *Describe* gross decontamination procedures for personnel, tools, equipment, and PPE
14. *Describe how to* clean, disinfect, and inspect tools, equipment, and PPE

Requisite Skills

1. Establish and maintaining scene control
2. Recognize and preserve evidence

3. Inspect, don, work in, go through decontamination while wearing, and doff approved PPE
4. Isolate contaminated tools, equipment, and PPE
5. Conduct gross decontamination of contaminated personnel, tools, equipment, and PPE in the field
6. Clean, disinfect, and inspect approved tools, equipment, and PPE

Content Modification

Block	Modification	Justification
RK 5	Changed “Describe incident command organization” to “Identify hazardous materials/WMD incident command roles and responsibilities within the incident command system (ICS)”.	Expanded to identify that there are roles and responsibilities specific to HazMat/WMD within the ICS.
RK 14	Removed “ing” from “cleaning, disinfecting, and inspecting”.	Removed for consistency with other RK language.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1B, Topic 3-3: Selecting, Donning, Working In, and Doffing Approved PPE at a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 8, 14 Fire Fighter 1B, Topic 3-4: Performing Decontamination at a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 11, 13 Fire Fighter 1B, Topic 3-6: Performing Assigned Tasks at a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 1, 2, 3, 4, 5, 6, 7, 9, 10, 12 and RS 1, 2, 3, 4, 5, 6 	6-4: Perform Assigned Tasks at a Hazardous Materials/WMD Incident	(CTS 6-4)

6-5: Performing Emergency Decontamination at a Hazardous Materials/ WMD Incident

Authority

1. NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (2017)
 - Paragraph 5.5.1

Job Performance Requirement

Perform emergency decontamination at a hazardous materials/WMD incident, given a hazardous materials/WMD incident that requires emergency decontamination; an assignment; scope of the problem; policies and procedures; and approved tools, equipment, and PPE for emergency decontamination, so that emergency decontamination needs are identified, approved PPE is selected and used, exposures and personnel are protected, safety procedures are followed, hazards are avoided or minimized, emergency decontamination is set up and implemented, and victims and responders are decontaminated.

Requisite Knowledge

1. *Define* contamination, cross contamination, and exposure
2. *Describe* contamination types
3. *List* routes of exposure
4. *Identify* types of decontamination (emergency, mass, and technical)
5. *Describe the* purpose, advantages, and limitations of emergency decontamination
6. *Describe* policies and procedures for performing emergency decontamination
7. *Identify* approved tools and equipment for emergency decontamination
8. *Describe* hazard avoidance for emergency decontamination

Requisite Skills

1. Select an emergency decontamination method
2. Set up emergency decontamination in a safe area
3. Use PPE in the proper manner
4. Implement emergency decontamination
5. Prevent spread of contamination
6. Avoid hazards during emergency decontamination

Content Modification

Block	Modification	Justification

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1B, Topic 3-4: Performing Emergency Decontamination at a Hazardous Materials/WMD Incident	6-5: Perform Emergency Decontamination	(CTS 6-5)

6-6: Evaluating and Reporting Progress for a Hazardous Materials/WMD Incident

Authority

1. NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (2017)
 - Paragraph 5.6.1

Job Performance Requirement

Evaluate and report the progress of the assigned tasks for a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, status of assigned tasks, and approved communication tools and equipment, so that the effectiveness of the assigned tasks is evaluated and communicated to the supervisor, who can adjust the IAP as needed.

Requisite Knowledge

1. *List* components of progress reports
2. *Describe* policies and procedures for evaluating and reporting progress
3. *Describe how to* use approved communication tools and equipment
4. *Identify* signs indicating improving, static, or deteriorating conditions based on the objectives of the action plan
5. *Describe how to recognize* circumstances under which it would be prudent to withdraw from a hazardous materials/ WMD incident

Requisite Skills

1. Determine incident status
2. Determining whether the response objectives are being accomplished
3. Use approved communications tools and equipment
4. Communicate the status of assigned tasks

Content Modification

Block	Modification	Justification

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1B, Topic 3-8: Evaluating and Reporting Progress for a Hazardous Materials/WMD Incident	6-8: Evaluate and Report Progress for a Hazardous Materials/WMD Incident	(CTS 6-6)

Section 7: Operations – Mission Specific

7-1: Selecting, Donning, Working In, and Doffing Approved PPE at a Hazardous Materials/WMD Incident

Authority

1. NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (2017)
 - Paragraph 6.2.1

Job Performance Requirement

Select, don, work in, and doff approved PPE at a hazardous materials/WMD incident, given a hazardous materials/WMD incident; a mission-specific assignment in an IAP that requires use of PPE; the scope of the problem; response objectives and options for the incident; access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures; approved PPE; and policies and procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, approved PPE is selected, inspected, donned, worked in, decontaminated, and doffed; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; and all reports and documentation pertaining to PPE use are completed.

Requisite Knowledge

1. *Describe* policies and procedures for PPE selection and use
2. *Describe the* importance of working under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures when selecting and using PPE
3. *Identify* the capabilities and limitations of and specialized donning, doffing, and usage procedures for approved PPE
4. *List* components of an incident action plan (IAP)
5. *Describe* procedures for decontamination, inspection, maintenance, and storage of approved PPE
6. *Describe the* process for being decontaminated while wearing PPE
7. *Describe* procedures for reporting and documenting the use of PPE

Requisite Skills

1. Select PPE for the assignment
2. Inspect, maintain, store, don, work in, and doff PPE
3. Go through decontamination (emergency and technical) while wearing the PPE
4. Report and document the use of PPE

Content Modification

Block	Modification	Justification

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1B, Topic 3-3: Selecting, Donning, Working In and Doffing Approved PPE at a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 1, 2, 3, 5, 6, 7 and RS 1, 2, 3, 4 Fire Fighter 1B, Topic 3-5: Identifying Action Options for a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 4 	7-1: Don, Work In, and Doff Chemical Protective Clothing	(CTS 7-1)

7-2: Performing Product Control Techniques at a Hazardous Materials/WMD Incident

Authority

1. NFPA 1072: Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (2017)
 - Paragraph 6.6.1
2. Office of the State Fire Marshal

Job Performance Requirement

Perform product control techniques with a limited risk of personal exposure at a hazardous materials/WMD incident, given a hazardous materials/WMD incident with release of product; an assignment in an IAP; scope of the problem; policies and procedures; approved tools, equipment, control agents, and PPE; and access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; a product control technique is selected and implemented; the product is controlled; victims, personnel, tools, and equipment are decontaminated; and product control operations are reported and documented.

Requisite Knowledge

1. *Describe* types of PPE and the hazards for which they are used
2. *Describe the* importance of working under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures
3. Define of control, confinement, containment, and extinguishment
4. Describe policies and procedures for product control
5. *Identify* product control methods for controlling a release with limited risk of personal exposure
6. *Describe* safety precautions associated with each product control method
7. *Identify the* location and *describe how to* operation of remote/emergency shutoff devices in cargo tanks and intermodal tanks in transportation and containers at facilities, that contain flammable liquids and flammable gases
8. *List* characteristics and applicability of approved product control agents
9. *Describe how to* use approved tools and equipment
10. *Identify* requirements for reporting and documenting product control operations

Requisite Skills

1. Select and use PPE
2. Select and perform product control techniques to confine/contain the release with limited risk of personal exposure

3. Use approved control agents and equipment on a release involving hazardous materials/WMD
4. Use remote control valves and emergency shutoff devices on cargo tanks and intermodal tanks in transportation and containers at fixed facilities
5. Perform product control techniques

Content Modification

Block	Modification	Justification
RK 4	Added “for product control”.	Added to narrow the scope of discussion of policies and procedures.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1B, Topic 3-7: Performing Product Control Techniques at a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 2, 3, 4, 5, 6, 7, 8, 9, 10 and RS 1, 2, 3, 4, 5 Fire Fighter 1B, Topic 3-3: Selecting, Donning, Working In, and Doffing Approved PPE at a Hazardous Materials/WMD Incident <ul style="list-style-type: none"> • RK 1 	7-2: Perform Product Control	(CTS 7-2)

Wildland Fire Fighter 1

Section 8: Wildland Fire Fighter Duties

8-1: Role of the Wildland Fire Fighter

Authority

1. NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications (2016)
 - Paragraph 4.1.1, 4.1.2
2. Office of the State Fire Marshal

Job Performance Requirement

There is no job performance requirement identified for this training standard.

Requisite Knowledge

1. *Describe* fireline safety, use, and limitations of personal protective equipment
2. *Describe* the use, limitations, inspection, and care of a fire shelter
3. *Describe* agency policy on fire shelter use
4. *Describe* basic wildland fire behavior
5. *Identify* fire suppression techniques
6. *Identify* basic wildland fire tactics
7. *Describe* the fire fighter’s role within the local incident management system
8. Describe first aid as referenced in NFES 1077 (Incident Response Pocket Guide (IRPG)) and NFES 2943 (Wildland Fire Incident Management Field Guide)

Requisite Skills

1. Use basic verbal communication
2. Use required personal protective equipment
3. Deploy a fire shelter

Content Modification

Block	Modification	Justification
RK 2	Added knowledge component.	Added to call attention to a unique element of PPE that isn’t physically worn.
RK 8	Added “(Incident Response Pocket Guide (IRPG))” and “(Wildland Fire Incident Management Field Guide)”.	These are proper titles for the referenced documents. People may not know how to reference them by code numbers.
RS 3	Added skills component.	Not covered by NFPA 1051 but critical for wildland fire fighter survival.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 1-3: Wildland Fire Fighter Roles and Responsibilities <ul style="list-style-type: none"> • RK 4, 5, 6, 7, 8 Fire Fighter 1C, Topic 2-1: Wildland Fire Behavior <ul style="list-style-type: none"> • RK 4 Fire Fighter 1C, Topic 2-3: Human Factors on the Fireline <ul style="list-style-type: none"> • RS 1 Fire Fighter 1C, Topic 2-4: Donning, Doffing, and Maintaining Wildland Personal Protective Equipment <ul style="list-style-type: none"> • RK 1 and RS 2 Fire Fighter 1C, Topic 2-5: Deploying a Fire Shelter <ul style="list-style-type: none"> • RK 2, 3 and RK 3 Fire Fighter 1C, Topic 3-2: Constructing a Fireline <ul style="list-style-type: none"> • RK 5, 6 Fire Fighter 1C, Topic 3-4: Reducing the Threat of Fire Exposure to Improved Properties (WUI) <ul style="list-style-type: none"> • RK 4 	Cognitive only – no testable skills	Cognitive only – no testable skills

8-2: Donning Wildland Personal Protective Equipment

Authority

1. Office of the State Fire Marshal

Job Performance Requirement

Don wildland personal protective equipment (PPE), given PPE, so the PPE is donned in 60 seconds or less and all elements of the PPE ensemble are worn in accordance with manufacturer guidelines.

Requisite Knowledge

1. Identify the components of wildland PPE
2. Explain the importance of standards for wildland PPE
3. Describe the protection provided by wildland PPE
4. Describe the limitations of wildland PPE
5. Identify manufacturer guidelines for correct PPE use

Requisite Skills

1. Don PPE

Content Modification

Block	Modification	Justification
CTS	Added a certification training standard.	NFPA 1051 does not include a designated JPR for donning wildland PPE. OSFM uses 60 seconds as the industry standard.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 2-4: Donning, Doffing, and Maintaining Wildland Personal Protective Equipment	8-2: Don Wildland Personal Protective Equipment	(CTS 8-2)

8-3: Deploying a Fire Shelter

Authority

1. Office of the State Fire Marshal

Job Performance Requirement

Deploy a fire shelter, given PPE, a hand tool, a live or simulated incident, and a fire shelter, so that the fire shelter is deployed within 30 seconds and used in accordance with manufacturer and AHJ procedures.

Requisite Knowledge

1. Describe the protection provided by and limitations of fire shelters
2. Describe how to inspect and evaluate a fire shelter
3. Describe how to select and prepare a shelter deployment site
4. Identify items to take into and leave outside a fire shelter
5. Describe methods for deploying a fire shelter
6. Identify when to deploy and exit a fire shelter during an incident

Requisite Skills

1. Deploy a fire shelter within 30 seconds

Content Modification

Block	Modification	Justification
CTS	Added a certification training standard.	NFPA 1051 does not include a designated JPR for deploying a fire shelter. OSFM uses 30 seconds as the industry standard.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 2-5: Deploying a Fire Shelter	8-3: Deploy a Fire Shelter	(CTS 8-3)

8-4: Doffing Wildland Personal Protective Equipment

Authority

1. Office of the State Fire Marshal

Job Performance Requirement

Doff wildland personal protective equipment (PPE), given PPE, so that PPE is removed in accordance with manufacturer guidelines and returned to a ready state.

Requisite Knowledge

1. Identify when it is safe to doff PPE
2. Identify AHJ policies and procedures for doffing PPE

Requisite Skills

1. Doff PPE
2. Return PPE to a ready state

Content Modification

Block	Modification	Justification
CTS	Added a certification training standard.	NFPA 1051 does not include a designed JPR for doffing PPE.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 2-4: Donning, Doffing, and Maintaining Wildland Personal Protective Equipment	8-4: Doff Wildland Personal Protective Equipment	(CTS 8-4)

Section 9: Preparedness

9-1: Maintaining Assigned Personal Protective Equipment

Authority

1. NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications (2016)
 - Paragraph 4.3.2

Job Performance Requirement

Maintain assigned personal protective equipment, given the standard equipment issue, so that the equipment is serviceable and available for use on the fireline and defects are recognized and reported to the supervisor.

Requisite Knowledge

1. *Describe how to* maintain personal protective equipment, including inspection, the recognition of unserviceable items, and proper cleaning procedures

Requisite Skills

1. None specified

Content Modification

Block	Modification	Justification

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 2-4: Donning, Doffing, and Maintaining Wildland Personal Protective Equipment	9-1: Maintain Assigned Personal Protective Equipment	(CTS 9-1)

9-2: Maintaining Assigned Suppression Hand Tools and Equipment

Authority

1. NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications (2016)
 - Paragraph 4.3.3

Job Performance Requirement

Maintain assigned suppression hand tools and equipment, given tools and equipment and agency maintenance specifications, so that assigned equipment is maintained and serviceable and defects are recognized and reported to the supervisor.

Requisite Knowledge

1. *Describe how to* inspect tools and assigned suppression equipment
2. *Describe how to* recognize unserviceable items
3. *Describe* required maintenance techniques

Requisite Skills

1. Sharpen assigned suppression equipment
2. Maintenance techniques for assigned suppression equipment
3. Use required maintenance equipment

Content Modification

Block	Modification	Justification

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 2-6: Maintaining Assigned Suppression Hand Tools and Equipment	9-2: Maintain Hand Tools and Equipment	(CTS 9-2)

Section 10: Suppression

10-1: Assembling and Preparing for Response

Authority

1. NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications (2016)
 - Paragraph 4.5.2
2. Office of the State Fire Marshal

Job Performance Requirement

Assemble and prepare for response, given an assembly location, an assignment, incident location, mode of transportation, and time requirements, so that arrival at the incident with the required personnel and equipment meets agency guidelines.

Requisite Knowledge

1. *Identify* equipment required for response
2. *Describe* agency time standards and special transportation considerations
3. *Describe* agency safety response guidelines
4. *Describe* operational procedures for various *response* modes

Requisite Skills

1. None specified

Content Modification

Block	Modification	Justification
RK 1	Changed “requirements” to “required for response”.	Clarification. The student isn’t identifying the requirements of the equipment, they are identifying what equipment is required based on what the incident requires.
RK 2	Removed “(weight considerations)”.	Weight is not the only special transportation consideration.
RK 3	Added “response guidelines”.	Narrowing the scope of “agency safety” to pertain to the JPR.
RK 4	Changed “transportation” to “response”.	Transportation implies the type of vehicle in which the responders are traveling to the incident, not the response level. Revised for clarification.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 3-1: Assembling and Preparing for Response	10-1: Assemble and Prepare for Response	(CTS 10-1)

10-2: Recognizing Hazards and Unsafe Situations

Authority

1. NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications (2016)
 - Paragraph 4.5.3
2. Office of the State Fire Marshal

Job Performance Requirement

Recognize hazards and unsafe situations, given a wildland or wildland/urban interface fire *or simulated scenario* and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are communicated to the supervisor and appropriate action is taken.

Requisite Knowledge

1. *Describe* basic wildland fire safety
2. *Describe* basic wildland fire behavior
3. *Identify* basic wildland suppression methods
4. *Describe* the Standard Fire Fighting Orders
5. *Describe* the Situations that Shout “Watch Out”
6. *Describe* the principles of LCES (Lookouts, Communications, Escape Routes, Safety Zones)
7. *Describe* downhill checklist guideline
8. *Describe* Common Denominators of Fire Behavior on Tragedy Fires
9. *Describe* human factors that impact wildland fire suppression

Requisite Skills

1. Demonstrate knowledge of the Standard Fire Orders, the Situations that Shout “Watch Out”, and LCES

Content Modification

Block	Modification	Justification
JPR	Added “or simulated scenario”.	Allows option to complete testing outside of a live wildland fire.
RK 2	Added “basic wildland”.	Added to narrow the scope of “fire behavior”.
RK 3	Added “basic wildland”.	Added to narrow the scope of “suppression methods”.
RK 4	Added knowledge component.	Added to align with NWCG S-130 fire fighter training.
RK 5	Added knowledge component.	Added to align with NWCG S-130 fire fighter training.
RK 6	Added knowledge component.	Added to align with NWCG S-130 fire fighter training.
RK 7	Added knowledge component.	Not covered by NFPA 1051 but it is an IRPG industry standard.

10-7: Patrolling the Fire Area

Authority

1. NFPA 1051: Standard for Wildland Firefighting Personnel Professional Qualifications (2016)
 - Paragraph 4.5.8
2. Office of the State Fire Marshal

Job Performance Requirement

Patrol the fire area, given a wildland fire *or simulated scenario*, suppression tools, and equipment, so that control of the fire area is maintained.

Requisite Knowledge

1. *Describe* patrol principles, techniques, and standards

Requisite Skills

1. Apply requisite knowledge *to patrolling fire areas*

Content Modification

Block	Modification	Justification
JPR	Added “or simulated scenario”.	Allows option to complete testing outside of a live wildland fire.
RS 1	Changed “Application of” to “Apply” and added “to patrolling fire areas”.	Revised to narrow scope of requisite knowledge application.

Cross Reference

Course Plan	Skill Sheet(s)	Task Book
Fire Fighter 1C, Topic 3-6: Patrolling the Fire Area	10-7: Patrol the Fire Area	(CTS 10-7)