



# Incident Safety Officer

## Skills Evaluation Sheets

The skills sheets contained are designed for the purpose of candidate evaluation and are not designed as instructional handouts.

STATE OF CONNECTICUT  
COMMISSION ON FIRE PREVENTION AND CONTROL

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## Incident Safety Officer – Fire Suppression Performance Objectives

**Standard: NFPA 1521 *Fire Department Safety Officer Professional Qualifications, 2015 Edition***

The performance objectives listed below represent published references from which the referenced certification examination skill sheets are derived.

Performance objective: Given an incident or planned event, the candidate shall: (words in <i>bold</i> complete the objective)	
Skill Sheet	Referenced JPR
<b>ISO-1 Perform the Role of Incident Safety Officer</b>	5.2.1
<ul style="list-style-type: none"> <li>• Prioritize tasks</li> <li>• Make decisions</li> <li>• Evaluate resource needs</li> <li>• Take proactive action</li> </ul>	
<b>ISO-2 Monitor the Incident Action Plan</b>	5.2.2, 5.2.4, 5.2.5
<ul style="list-style-type: none"> <li>• Perform risk management assessment</li> <li>• Use department radios and communication abilities</li> </ul>	
<b>ISO-3 Manage Transfer of ISO Duties</b>	5.2.3
<ul style="list-style-type: none"> <li>• Manage the transfer of ISO duties</li> </ul>	
<b>ISO-4 Monitor Accountability System</b>	5.2.6
<ul style="list-style-type: none"> <li>• Recognize inadequacies in the use of the accountability system</li> </ul>	
<b>ISO-5 Determine Hazardous Incident Conditions</b>	5.2.7
<ul style="list-style-type: none"> <li>• Evaluate the effect of proximity for incident hazards</li> </ul>	
<b>ISO-6 Motor Vehicle Scene Hazards</b>	5.2.7, 5.2.8
<ul style="list-style-type: none"> <li>• Apply knowledge of hazards</li> <li>• Apply knowledge of regulations</li> </ul>	
<b>ISO-7 Monitor Radio Transmissions</b>	5.2.9
<ul style="list-style-type: none"> <li>• Recognize missed, unclear or incomplete communications</li> </ul>	
<b>ISO-8 Incident Strategic Requirements</b>	5.2.10
<ul style="list-style-type: none"> <li>• Recognize type of incidents the require additional ISOs, technical specialists and safety devices</li> </ul>	
<b>ISO-9 Determine Landing Zone and Helicopter Hazards</b>	5.2.11
<ul style="list-style-type: none"> <li>• Recognize landing zone locations and hazards</li> </ul>	
<b>ISO-10 Recognize Signs and Symptoms of Occupational Exposure</b>	5.2.12
<ul style="list-style-type: none"> <li>• Recognize signs and symptoms of occupational exposure to atypical stress</li> </ul>	
<b>ISO-11 Determine Hazardous Energy Sources</b>	5.2.13
<ul style="list-style-type: none"> <li>• Recognize hazardous energy sources that can affect responder health and safety</li> </ul>	
<b>ISO-12 Monitor Conditions</b>	5.2.14
<ul style="list-style-type: none"> <li>• Recognize signs of cardiac, heat, and cold stress</li> <li>• Set up a rehab area</li> </ul>	
<b>ISO-13 Conduct a Safety and Health Investigation</b>	5.6.1
<ul style="list-style-type: none"> <li>• Analyze information</li> <li>• Identify and preserve evidence</li> <li>• Complete safety investigation documentation</li> </ul>	
<b>ISO-14 Prepare a Written Post-Incident Analysis (PIA)</b>	5.7.1
<ul style="list-style-type: none"> <li>• Transfer incident observations into field notes</li> </ul>	



## Incident Safety Officer – Fire Suppression Performance Objectives

<ul style="list-style-type: none"> <li>Document field notes into a formal PIA</li> </ul>	
<b>ISO-15 Report Observations, Concerns, and Recommendations</b>	5.7.2
<ul style="list-style-type: none"> <li>Demonstrates active listening skills</li> <li>Compose and relay constructive information in a group setting</li> </ul>	
<b>ISO-FS-1 Evaluate Rapid Intervention Crew (RIC) Capability</b>	5.3.1
<ul style="list-style-type: none"> <li>Interpret regulations, guidelines, procedures, and consensus standards</li> </ul>	
<b>ISO-FS-2 Communicate Hazardous Issues to Rapid Intervention Crew (RIC)</b>	5.3.2, 5.3.3
<ul style="list-style-type: none"> <li>Interpret fire suppression hazards and operations</li> <li>Communicate through face-to-face and radio methods</li> </ul>	
<b>ISO-FS-3 Identify and Estimate Building Collapse Hazards</b>	5.3.3
<ul style="list-style-type: none"> <li>Analyze, identify and estimate building/structure collapse hazards</li> </ul>	
<b>ISO-FS-4 Determine Flashover and Hostile Fire Event</b>	5.3.4
<ul style="list-style-type: none"> <li>Determine flashover potential</li> <li>Determine hostile fire event potential</li> <li>Communicate risk to IC</li> </ul>	
<b>ISO-FS-5 Determine Fire Growth and Blow Up</b>	5.3.5
<ul style="list-style-type: none"> <li>Interpret fuel, topography, flame length, and weather effects on wildland and vegetation fires</li> </ul>	
<b>ISO-FS-6 Determine Suitability of Building Entry and Egress</b>	5.3.6
<ul style="list-style-type: none"> <li>Determine building entry and egress options</li> <li>Communicate with IC</li> </ul>	
<b>ISO-HM-1 Identify Hazardous Materials Incident Resource Needed</b>	5.5.1
<ul style="list-style-type: none"> <li>Determine need for a hazardous materials technician trained ISO or assistant ISO</li> </ul>	
<b>ISO-HM-2 Prepare a Safety Plan</b>	5.5.2
<ul style="list-style-type: none"> <li>Prepare a safety plan for a hazardous materials incident</li> </ul>	
<b>ISO-HM-3 Deliver a Safety Briefing</b>	5.5.3
<ul style="list-style-type: none"> <li>Deliver a safety briefing for hazardous materials incident response members</li> </ul>	
<b>ISO-HM-4 Hazardous Materials Control Zone Established and Communicated</b>	5.5.4
<ul style="list-style-type: none"> <li>Identify that hazardous materials control zones have been established to personnel on scene</li> </ul>	



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Performance Evaluation Sheet



Skill Sheet <b>ISO-1</b>		Primary Task: <b>Perform Role of Incident Safety Officer</b>	
			Candidate #
The ability to prioritize tasks, make decisions, evaluate resource needs, take proactive action – NFPA 1521, 2015 Edition 5.2.1			
The candidate, given an incident or planned event, ISC structure, command post, briefing by the Incident Commander, health and safety related SOP/G, an incident action plan, PPE, and communications and recording equipment, will mitigate any immediate life safety threats employing applicable means of communication			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1. *Participates in briefing with IC			
2. *Reviews Incident Action Plan			
3. Incident priorities, goals, and objectives are transferred			
4. Prioritizes tasks			
5. Evaluates resource needs			
6. Identifies need for supplemental technical knowledge			
7. Implements Standard Operating Procedure (SOP)			
8. Takes proactive action to mitigate safety threats			
9. Applicable means of communication are employed			
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>6</b>

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Skill Sheet <b>ISO-2</b>		Primary Task: <b>Monitor the Incident Action Plan</b>	
			Candidate #
The ability to perform risk management assessment, use department radios and communication abilities, and communicate with IC – NFPA 1521, 2015 Edition 5.2.2, 5.2.4, 5.2.5			
The candidate, given an incident or planned event, an incident action plan that contains threats to firefighter safety, risk management assessment criteria and communication equipment, will alter, terminate or suspend activities or operations to protect member health and safety			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Demonstrates a knowledge of fire behavior and fire dynamics		
2.	Identifies building construction type		
3.	Identifies unacceptable levels of risk		
4.	*Demonstrates altering an activity to reduce or eliminate safety or health risk		
5.	*Demonstrates terminating an activity to reduce or eliminate safety or health risk		
6.	*Demonstrates suspending an activity to reduce or eliminate safety or health risk		
7.	*Status of risks and hazards to members is communicated to IC		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass			<b>5</b>

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## Performance Evaluation Sheet



Skill Sheet <b>ISO-3</b>		Primary Task: <b>Manage Transfer of ISO Duties</b>	
			Candidate #
The ability to manage the transfer of ISO duties – NFPA 1521, 2015 Edition 5.2.3			
The candidate, given an incident or planned event, an incident action plan, established command structure and ISO, situation status, command post, incident documentation, and communication equipment, will brief a new ISO on the incident or planned event			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Conducts a transfer briefing meeting		
2.	Acquires and documents information and orders from IC		
3.	Uses appropriate reference materials		
4.	Evaluates incident information		
5.	Manages communications ensuring information is transferred and objectives are met		
6.	Completes required ICS and health and safety forms		
7.	Identifies need to expand or transfer safety function within ICS structure		
8.	Completes all transfer documents		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass			<b>6</b>

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Performance Evaluation Sheet



Skill Sheet <b>ISO-4</b>		Primary Task: <b>Monitor Accountability System</b>	
			Candidate #
The ability to recognize inadequacies in the use of the accountability system – NFPA 1521, 2015 Edition 5.2.6			
The candidate, given an incident or planned event, an IMS, personal identification devices, radios and applicable SOP/G, will evaluate the accountability system, note deficiencies and communicate status to IC			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Determines if accountability system is being used as designed		
2.	Ensures all relevant positions and functions are implemented		
3.	Deficiencies are identified and documented		
4.	Status of accountability system is communicated to IC		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>4</b>

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Performance Evaluation Sheet



Skill Sheet <b>ISO-5</b>		Primary Task: <b>Determine Hazardous Incident Conditions</b>	
			Candidate #
The ability to evaluate the effect of proximity for incident hazards – NFPA 1521, 2015 Edition 5.2.7			
The candidate, given an incident, will determine hazardous incident conditions, advise IC to establish or modify control zones so that control zones are communicated to members and entry is controlled			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Evaluates hazardous conditions  Determines risk to first responders		
2.	Identifies control zones (established or a need for)  Hot – presents greatest risk Warm – limited access area, respiratory and exposures can still exist Cold – clean zone, minimal risk No-entry – ex. Hole in floor, explosive devices, crime scene		
3.	*Communicates need for control zones or modification of existing control zones to IC		
4.	*Incident control zones are communicated to members		
5.	Ensures entry into hazardous area is controlled		
6.	*Risk is limited to members assigned task of mitigation		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>4</b>

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Skill Sheet <b>ISO-6</b>		Primary Task: <b>Motor Vehicle Scene Hazards</b>	
			Candidate #
The ability to apply knowledge of hazards and regulations to an incident – NFPA 1521, 2015 Edition 5.2.7, 5.2.8			
The candidate, given an incident or planned event, apparatus and temporary traffic control devices, will identify actions to be taken to mitigate hazards and protect members			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Identifies vehicle accident scene hazards		
2.	Demonstrates knowledge of department SOP/G		
<b>Demonstrates knowledge of NFPA 1500 Section 8.7 <i>Standard on Fire Department Occupational Safety and Health Program</i> and evaluates apparatus and warning device placement</b>			
3.	*Apparatus is positioned, at an angle, to the rear of the incident shielding the operational area with pump panel in protected area with lights on		
4.	*Blocking apparatus is at least 50 feet behind first operating unit		
5.	*One or more warning devices are deployed  Fluorescent and retro-reflective device (ex. traffic cone) 48 in. by 48 in. "Emergency Scene Ahead" retro-reflective signs Illuminated warning devices (ex. highway flares)		
6.	*Warning devices are placed with consideration to visual obstructions (hills, curves, blind spots, local weather conditions)		
7.	*Operating units are placed beyond the barrier		
8.	Unneeded apparatus and personal vehicles are parked off the roadway		
9.	*High-visibility fluorescent and retro-reflective garments are worn by members with assignments with potential conflict with motor vehicle traffic		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>7</b>

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Skill Sheet <b>ISO-7</b>		Primary Task: <b>Monitor Radio Transmissions</b>	
			Candidate #
The ability to recognize missed, unclear, or incomplete communications – NFPA 1521, 2015 Edition 5.2.9			
The candidate, given an incident or planned event with radio communications, will identify and correct communication barriers			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Identifies barriers to effective communication  Missed, unclear, or incomplete communications	<input type="checkbox"/>	<input type="checkbox"/>
2.	Demonstrates a knowledge of correct radio protocols and transmission procedures	<input type="checkbox"/>	<input type="checkbox"/>
3.	Corrects communication barriers	<input type="checkbox"/>	<input type="checkbox"/>
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass			<b>3</b>

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Performance Evaluation Sheet



Skill Sheet <b>ISO-8</b>		Primary Task: <b>Incident Strategic Requirements</b>	
			Candidate #
The ability to recognize types of hazards that require additional ISOs, technical specialists and applicable safety devices – NFPA 1521, 2015 Edition 5.2.10			
The candidate, given an incident or planned event, an IMS, applicable SOP/G, will determine the need for assistant ISO's and/or technical specialists			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Identifies strategic requirements (fire, technical rescue, hazmat)		
2.	Identifies corresponding hazards		
3.	Recognizes the size, complexity and anticipated duration of the incident		
4.	Recognizes associated risks		
5.	*Identifies need for additional ISOs, technical specialist(s)		
6.	*Communicates recommendations to IC		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>4</b>

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Skill Sheet <b>ISO-9</b>		Primary Task: <b>Determine Landing Zone and Helicopter Hazards</b>	
			Candidate #
The ability to recognize landing zone locations and hazards – NFPA 1521, 2015 Edition 5.2.11			
The candidate, given an incident or planned event that requires the use of a helicopter and landing zone, will determine the hazards associated with the designation of a landing zone and interface with helicopters, and inform IC of special requirements			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Demonstrates knowledge of safety issues associated with helicopter operations and landing zones		
2.	Identifies landing zone requirements		
3.	Identifies special requirements and communicates requirements to the IC		
4.	Ensures helicopter landing is executed in a safe manner		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>4</b>

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Performance Evaluation Sheet



Skill Sheet <b>ISO-10</b>	Primary Task: <b>Recognize Signs and Symptoms of Occupational Exposure</b>
Candidate # _____	
The ability to recognize signs and symptoms of occupational exposure to atypical stress – NFPA 1521, 2015 Edition 5.2.12	
The candidate, given an incident or planned event, an awareness of incidents that cause incident stress, will notify the IC of the need for intervention	
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps	
	1 st      2 nd
1. *Recognizes signs and symptoms of exposure to atypical stress	<input type="checkbox"/> <input type="checkbox"/>
2. Demonstrates an accepting and empathetic demeanor with members exhibiting signs of incident stress	<input type="checkbox"/> <input type="checkbox"/>
3. Practices good communication skills	<input type="checkbox"/> <input type="checkbox"/>
4. *Notifies IC of the need for intervention to protect members psychological health and safety	<input type="checkbox"/> <input type="checkbox"/>
* Critical Step	Failure of this step mandates failure on the entire objective
Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass	
<b>3</b>	

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Skill Sheet <b>ISO-11</b>		Primary Task: <b>Determine Hazardous Energy Sources</b>	
			Candidate #
The ability to recognize hazardous energy sources that can affect responder health and safety – NFPA 1521, 2015 Edition 5.2.13			
The candidate, given an incident or planned event, an active IAP with assigned responders and an opportunity to perform environmental and operational reconnaissance, will identify risks to personnel and relay information to IC, so that risks are reduced or eliminated			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1. Identifies and analyzes hazardous energy sources			
2. Prioritizes hazardous energy sources on a most critical-first basis			
3. *Communicates hazard information via the incident using three of the following means of communication:  safety plan, Incident Action Plan, face-to-face, radio, safety briefing			
4. Determines boundaries and markings for control zones			
5. Formulates recommendations for IC action			
6. Exercises authority to suspend imminent danger operations			
7. Anticipates IAP changes required by evolving site conditions			
8. *Hazard information is communicated to IC and ancilliary agencies			
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass			<b>6</b>

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Skill Sheet <b>ISO-12</b>		Primary Task: <b>Monitor Conditions</b>	
			Candidate #
The ability to recognize signs of cardiac, heat, and cold stress and set up a rehab area – NFPA 1521, 2015 Edition 5.2.14			
The candidate, given an incident or planned event, will determine the need for rehabilitation, communicate the need to the IC and implement rehabilitation			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Monitors weather		
2.	Monitors fire fighter activities		
3.	Monitors work cycle durations		
4.	*Determines need for rehabilitation and communicates need to IC		
5.	Sets up rehab area		
6.	*Ensures members use rehab as designed		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>4</b>

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Skill Sheet <b>ISO-13</b>		Primary Task: <b>Conduct a Safety and Health Investigation</b>	
			Candidate #
The ability to analyze information from different sources identify potential evidence – NFPA 1521, 2015 Edition 5.6.1			
The candidate, given an incident or planned event and applicable documents, will start and maintain the chain of evidence, collect critical data, identify witnesses, identify SOP/Gs for review, and gather and document information			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Analyzed information gathered from different data sources and collects critical incident data elements		
2.	*Identified equipment and materials that might be evidence		
3.	*Interviewed personnel associated with the incident		
4.	Identified cause of injury, death or property damage		
5.	*Applicable documents and techniques are used to start the evidence chain		
6.	Determined corrective action to prevent similar losses in the future		
7.	Identified SOP/Gs for review		
8.	Completed safety investigation documentation		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>6</b>

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Skill Sheet <b>ISO-14</b>		Primary Task: <b>Prepare a Written Post-Incident Analysis (PIA)</b>	
			Candidate #
The ability to transfer incident observations into field notes and document field notes into a formal PIA structure – NFPA 1521, 2015 Edition 5.7.1			
The candidate, given a witnessed exercise or planned event, will prepare a written post-incident analysis from the ISO perspective			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Transferred incident observations into field notes		
	<ul style="list-style-type: none"> <li>a. Assignments given by IC</li> <li>b. Incident safety plan</li> <li>c. Procedures that worked well</li> <li>d. Obstacles encountered</li> <li>e. Accidents and/or injuries</li> </ul>		
2.	Documented field notes into a formal PIA structure		
3.	Identified deviations from AHJ SOP/Gs		
4.	Identified health and safety issues		
5.	Identified best safety practices		
6.	Documents recommendations for future events		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass			<b>4</b>

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Performance Evaluation Sheet



Skill Sheet <b>ISO-15</b>	<b>Primary Task: Report Observations, Concerns and Recommendations</b>		
Candidate #			
The ability to compose and relay constructive information in a group setting – NFPA 1521, 2015 Edition 5.7.2			
The candidate, given a witnessed exercise or planned event, and PIA group setting, will report observations, concerns and make recommendations for future events			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1. Addresses issues related to:			
a. Personal protective equipmen			
b. Rapid intervention posture			
c. Rehabilitation operations			
d. Incident action plan			
e. Risk versus gain			
f. Other issues effecting safety and welfare of members			
g. Deviation from AHJ SOP/Gs			
2. Actively listens to comments from others			
3. Focuses on factual observations and does not assign blame			
4. Effectively communicates recommendations for future events			
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass			<b>4</b>

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State of Connecticut

COMMISSION ON FIRE PREVENTION AND CONTROL

Incident Safety Officer - Fire Suppression

Performance Evaluation Sheet



Skill Sheet <b>ISO-FS-1</b> Primary Task: <b>Evaluate Rapid Intervention Crew (RIC) Capability</b>		
		Candidate #
The ability to interpret applicable regulations, guidelines, procedures and consensus standards for implementation at incidents – NFPA 1521, 2015 Edition 5.3.1		
The candidate, given an incident or planned event that includes one or more IDLH elements, responders engaged in tactical operations, a pre-assigned RIC, and an IAP, will determine operational factors and offer recommendation(s) to IC		
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st 2 nd
1. Evaluates incident to determine environmental and operational factors		
2. Confirms establishment of rapid intervention crew (RIC)		
3. Interprets applicable regulations, guidelines, procedures and consensus standards for RIC implementation at incidents		
4. Audits conditions to ensure compliance with policies		
5. Formulates recommendation(s) for IC action		
6. Communicates recommendation(s) to IC		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>
		Total number steps candidate must complete to pass <b>6</b>

12/2015

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Skill Sheet <b>ISO-FS-2</b>		Primary Task: <b>Communicate Hazardous Issues to Rapid Intervention Crew (RIC)</b>	
			Candidate #
The ability to interpret fire suppression hazards and operations and communicate through face-to-face and radio – NFPA 1521, 2015 Edition 5.3.2, 5.3.3			
The candidate, given an incident or planned event, will communicate ISO observations and concerns to RIC team leaders			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Observes and communicates fire behavior		
2.	Observes and communicates access/egress issues		
3.	Observes and communicates collapse related issues		
4.	Observes and communicates hazardous energy issues		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	
Total number steps candidate must complete to pass			<b>3</b>

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Performance Evaluation Sheet



Skill Sheet <b>ISO-FS-3</b> Primary Task: <b>Identify and Estimate Building Collapse Hazards</b>		
		Candidate #
The ability to analyze, identify and estimate building/structural collapse hazards – NFPA 1521, 2015 Edition 5.3.3		
The candidate, given a building fire incident <u>or</u> a building collapse incident, reconnaissance opportunity, and established AHJ preincident building plan information, will communicate collapse hazards, recommendation for control zones, and adjustments to IAP to IC to improve member safety		
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps	1 st	2 nd
1. Estimates building/structure collapse hazard		
2. Communicates collapse hazard to IC		
3. *Communicates collapse hazard information to personnel via three of the following: The incident safety plan The IAP Face-to-face The radio Safety briefings		
4. Determines boundaries and markings for control zones		
5. Ensures personnel are removed from collapse zone dangers		
6. *Exercises authority to suspend imminent danger operations		
7. Anticipates evolving site conditions that require IAP changes		
8. Adjustments are made to IAP to improve member safety		
* Critical Step Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>6</b>

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Skill Sheet <b>ISO-FS-4</b> Primary Task: <b>Determine Flashover and Hostile Fire Event</b>		Candidate #	
The ability to determine flashover and hostile fire event potential – NFPA 1521, 2015 Edition 5.3.4			
The candidate, given an incident, will identify the risk of flashover and hostile fire events and communicate those risks to IC			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1.	Demonstrates the ability to read smoke, identifies the following  Smoke Volume Smoke Velocity Smoke Density Smoke Color		
2.	Communicates fire behavior concerns using face-to-face briefing and radio methods		
3.	Recommends adjustments to strategy and tactics to improve member safety		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>3</b>

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Skill Sheet <b>ISO-FS-5</b> Primary Task: <b>Determine Fire Growth and Blow Up</b>		
		Candidate #
The ability to interpret fuel, topography, flame length, and weather effects on wildland and vegetation fires – NFPA 1521, 2015 Edition 5.3.5		
The candidate, given wildland and cultivated vegetation fires, will communicate fire behavior concerns to IC		
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st 2 nd
1. Analyzes fuel, topography, flame length, and weather effects		
2. Communicates fire behavior concerns using face-to-face briefing and radio methods		
3. Recommends adjustments to strategy and tactics to improve member safety		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>
		Total number steps candidate must complete to pass <b>3</b>

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Skill Sheet <b>ISO-FS-6</b> Primary Task: <b>Determine Suitability of Building Entry and Egress</b>		Candidate #	
The ability to determine building entry and egress options at building fires – NFPA 1521, 2015 Edition 5.3.6			
The candidate, given various building fires incidents, will communicate entry and egress options to IC			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1. Evaluates building entry options			
2. Evaluates building egress options			
3. Communicates entry and egress concerns to IC using face-to-face and radio methods			
4. Recommends entry and egress options to IC to optimize member safety			
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>3</b>

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# Incident Safety Officer – Hazardous Materials

Performance Evaluation Sheet



Skill Sheet <b>ISO-HM-1</b>		Primary Task: <b>Identify Hazardous Materials Incident Resource Needed</b>	
			Candidate #
The ability to determine the need for a hazardous materials technician trained ISO or assistant ISO – NFPA 1521, 2015 Edition 5.5.1			
The candidate, given a hazardous materials incident, 29 CFR 1910.120; NFPA 472 and AHJ SOP/Gs for hazardous materials operations, will determine the need for an Assistant Incident Safety Office (ASO) or a hazardous materials technician.			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps			1 st    2 nd
1.	Correctly Identifies incident level classification		
	- First responder level - Operations level - Technician level		
2.	Identifies the following:		
	- Potential risks to members - Number of members needed to control the incident - Duration of the incident		
3.	Identifies need for a technician-level trained assistant safety officer (ASO-HM) or technician-level trained specialist		
4.	Communicates the need for an ASO-HM or technician-level trained specialist to IC		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>4</b>

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Incident Safety Officer – Hazardous Materials

Performance Evaluation Sheet



Skill Sheet <b>ISO-HM-2</b> Primary Task: <b>Prepare a Safety Plan</b>		
		Candidate #
The ability to prepare a safety plan for a hazardous materials incident – NFPA 1521, 2015 Edition 5.5.2		
The candidate, given a hazmat incident, IAP, an incident safety analysis form (ICS form 215A or equivalent), weather condition information, special technical data,, and predetermined incident information, will develop an incident safety plan.		
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps	1 st	2 nd
1. * Analyzes technical data provided to gather safety related data		
2. * Develops incident safety plan with coordinating documentation		
3. Elements of the incident safety plan are incorporated in the IAP		
4. Monitors incident safety and reports changes to IC		
5. * Judgement of the establishment of control zones and exclusion zones is provided to the IC		
6. * Safety and PPE elements of 29 CFR 191.120 are met		
7. Assistant ISOs are appointed as necessary.		
* Critical Step Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>5</b>

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COMMISSION ON FIRE PREVENTION AND CONTROL

**Incident Safety Officer – Hazardous Materials**

Performance Evaluation Sheet



Skill Sheet <b>ISO-HM-3</b> Primary Task: <b>Deliver a Safety Briefing</b>		
		Candidate #
The ability to deliver a safety briefing for hazardous materials incident response members – NFPA 1521, 2015 Edition 5.5.3		
The candidate, given a hazmat incident, hands-on drill, or table-top exercise, IAP, the candidate will deliver a safety briefing for hazardous materials incident response members.		
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps	1 st	2 nd
1. * Collects information from several sources to include: planning meetings, IAP, surveillance and reconnaissance efforts, product information and documentation by technical specialists		
2. * Develops safety briefing checklist for members		
3. * Conducts formal comprehensive safety briefing that includes the following:		
a. Expected safety and health risks		
b. Member training requirements for each assignment		
c. PPE requirement for each assignment		
d. Medical surveillance requirements		
e. Frequency and type of monitoring for air, personnel, and environmental factors		
f. Decontamination procedures		
g. Member emergency and rapid intervention procedures		
h. Chain-of-command and communication plan		
i. Overview of incident action plan (IAP)		
4. * Documents members receiving briefing		
* Critical Step	Failure of this step mandates failure on the entire objective	<b>Safety is PARAMOUNT</b> Total number steps candidate must complete to pass <b>9</b>

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# Incident Safety Officer – Hazardous Materials

Performance Evaluation Sheet



Skill Sheet <b>ISO-HM-4</b>		Primary Task: <b>Hazardous Materials Control Zone Established and Communicated</b>	
			Candidate #
The ability to identify that hazardous materials control zones have been established and communicated to personnel on scene – NFPA 1521, 2015 Edition 5.5.4			
The candidate, given a hazmat incident or hands-on drill, and SOP/Gs, will ensure responders can identify marked control zones.			
<b>Note to candidate:</b> Skill will end when you state or indicate that you have completed the identified steps		1 st	2 nd
1	Hazmat control zones are established to include the following:		
	a. No-entry zone		
	b. Hot Zone		
	c. Warm zone		
	d. Decontamination corridor		
	e. Cold zone (support)		
2.	* A diagram of control zones is included is provided fr inclusion in IAP and safety briefing		
3.	Colored-coded tape and traffic cones used to clearly indicated control zones		
4.	Adapts zoning strategies individual to incident challenges such as topography, weather, and resource variants.		
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is <b>PARAMOUNT</b>	Total number steps candidate must complete to pass <b>4</b>

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