



PENNSYLVANIA STATE FIRE ACADEMY

INCIDENT SAFETY OFFICER SKILL STATIONS

Incident Safety Officer Skill Stations

NFPA 1521 – Chapter 5 (2020 Edition)

Station A	Incident Management and Control	Mandatory Station
Station B	Technical Rescue – Incident Management and Control	Random Station
Station C	Hazmat – Incident Management and Control	Random Station
Station D	Accident Investigation	Mandatory Station
Station E	Post Incident Analysis (PIA)	Mandatory Station
Station F	Wildland Incident Management and Control	Random Station

NOTE

Print these skill sheets on both sides of the paper



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STATION A – Incident Management and Control		Reference NFPA 1521 (2020 Edition), Chapter 5 Mandatory Station: JPRs: 5.2.1, 5.2.2, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.9, 5.2.10, 5.2.12, 5.2.13, 5.2.14, 5.2.15, 5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.3.6	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: The candidate will be provided with a descriptive scenario or simulated incident. Utilizing the form(s) provided, the candidate will evaluate the situation, communicate in writing to record and report observations and summarize findings. **See Candidate Handbook Guide 1 for scenario.**

Performance Outcome: Pass / Fail is determined by **21 of 21** tasks being correctly performed.

No.	Tasks	Yes	No
1	Implements the Incident Command System (ICS)		
2	Identifies any additional safety requirements or information needed from size-up		
3	Identifies strategic incident requirements for an ASO		
4	Ensure that Accountability system is followed		
5	Evaluates changing incident conditions		
6	Determines hazardous sources that can harm responders		
7	Predicts area of potential harm		
8	Identifies strategic incident requirements		
9	Identifies conditions that would require the incident to stop, alter, or suspend operations based on imminent threats/danger to responders		
	Advises IC of Hazards – Monitors IAP, conditions, activities, and operations		
10a	Monitors weather		
10a	Activities		
10c	Work cycles		
10d	Ability to recognize medical emergencies, including heat, cold, and cardiac		
11	Limits accessibility by setting up control zones for the safety of personnel		
12	Identifies and adapts established control zones to incident challenges		
13	Lists other resources that may be required for the incident		
14	Enforces department policies and procedures		
15	Enforces department health and safety policies and rehab		
16	Ensures readiness of rapid intervention crew		
17	Identifies environmental conditions and contaminants		
18	Contamination control procedures are initiated		
19	Monitors radio transmissions for missed and unclear or incomplete communications		
20	Communicates critical messages both orally and in writing		
21	Documents are typed, complete, accurate, spelled correctly, and grammatically correct		
Please indicate skill outcome		PASS	FAIL

Evaluator Signature _____
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Evaluator # _____



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STATION B – Technical Rescue – Incident Management and Control		Reference NFPA 1521 (2020 Edition), Chapter 5 Random Station: JPRs 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8, 5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.14, 5.2.15, 5.4.1, 5.4.2, 5.4.3	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: The Candidate will be provided a descriptive scenario or simulated incident. Utilizing the form(s) provided, the candidate will evaluate the situation, communicate in writing to record and report observations and summarize findings. **See Candidate Handbook Guide 2 for scenario.**

Performance Outcome: Pass / Fail is determined by **25 of 25** tasks being correctly performed.

No.	Tasks	Yes	No
1	Implements Incident Command System (ICS)		
2	Identifies any additional safety requirements or information needed from size-up		
3	Determines need for Technical Rescue Trained ISO or assistant ISO		
4	Identifies technical rescue resources needed		
5	Ensure that Accountability system is followed		
6	Evaluates changing incident conditions		
7	Determines hazardous sources that can harm responders		
8	Predicts area of potential harm		
9	Identifies strategic incident requirements		
10	Delivers a safety meeting for technical rescue incidents response team members		
11	Prepares a safety plan that identifies corrective or preventative actions		
12	Identifies conditions that would require the incident to stop, alter, or suspend operations based on imminent threats/danger to responders		
	Advises IC of Hazards – Monitors IAP, conditions, activities, and operations		
13	Monitors weather		
	Activities		
	Work cycles		
	Ability to recognize medical emergencies, including heat, cold, and cardiac		
14	Limits accessibility by setting up control zones for the safety of personnel		
15	Identifies and adapts established control zones to incident challenges		
16	Lists other resources that may be required for the incident		
17	Enforces department policies and procedures		
18	Enforces department health and safety policies and rehab		
19	Ensures readiness of rapid intervention crew		
20	Determines hazards associated with Helicopter Landing Zone		
21	Identifies environmental conditions and contaminants		
22	Contamination control procedures are initiated		
23	Monitors radio transmissions for missed and unclear or incomplete communications		
24	Communicates critical messages both orally and in writing		
25	Documents are typed, complete, accurate, spelled correctly, and grammatically correct		
Please indicate skill outcome		PASS	FAIL

Evaluator Signature: _____

Evaluator # _____

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STATION C – Hazmat – Incident Management and control		Reference NFPA 1521 (2020 Edition), Chapter 5 Mandatory Station: JPRs 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8, 5.2.9, 5.2.10, 5.2.12, 5.2.13, 5.2.14, 5.2.15, 5.5.1, 5.5.2, 5.5.3, 5.3.4	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: The Candidate will be provided a descriptive scenario or simulated incident. Utilizing the form(s) provided, the candidate will evaluate the situation, communicate in writing to record and report observations and summarize findings. **See Candidate Handbook Guide 3 for scenario.**

Performance Outcome: Pass / Fail is determined by **24 of 24** tasks being correctly performed.

No.	Tasks	Yes	No
1	Implements the Incident Command System (ICS)		
2	Determine the need for a Hazardous Materials trained ISO or assistant ISO		
3	Identifies any additional safety requirements or information needed from size-up		
4	Identifies additional resources needed for incident		
5	Ensure that Accountability system is followed		
6	Identifies strategic incident requirements		
7	Delivers a safety briefing for hazardous materials incident response team members		
8	Evaluates changing incident conditions and reports them to the IC		
9	Determines hazardous energy sources that can harm responders		
10	Predicts area of potential harm		
11	Prepares a safety plan that identifies corrective or preventative actions		
12	Identifies conditions that would require the incident to stop, alter, or suspend operations based on imminent threats/danger to responders		
	Advises IC of Hazards – Monitors IAP, conditions, activities, and operations		
13	Monitors weather		
	Activities		
	Work cycles		
	Ability to recognize medical emergencies, including heat, cold, and cardiac		
14	Limits accessibility by setting up control zones for the safety of personnel		
15	Identifies and adapts established control zones to incident challenges		
16	Lists other resources that may be required for the incident		
17	Enforces department policies and procedures		
18	Enforces department health and safety policies and rehab		
19	Ensures readiness of rapid intervention crew		
20	Identifies environmental conditions and contaminants		
21	Contamination control procedures are initiated		
22	Communicates critical messages both orally and in writing		
23	Monitors radio transmissions for missed and unclear or incomplete communications		
24	Documents are typed, complete, accurate, spelled correctly, and grammatically correct		
Please indicate skill outcome		PASS	FAIL

Evaluator Signature: _____ **Evaluator #** _____

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STATION D – Accident Investigation and Review		Reference NFPA 1521 (2020 Edition), Chapter 5 Mandatory Station: JPRs 5.1.2, 5.2.8, 5.6.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: The candidate will be provided a scenario involving some type of injury during a common incident. Using the form(s) provided, the candidate will complete an Incident Injury Report on the injured firefighter and write a brief report that describes the events, investigation outcome, and corrective action(s). **See Candidate Handbook Guide 4 for scenario.**

Performance Outcome: Pass / Fail is determined by **12 of 12** tasks being correctly performed.

No.	Tasks	Yes	No
1	Recognizes and identifies the problem		
2	References FD policy and procedure for accident investigation		
3	Initiates accident investigation		
4	If the incident is a vehicle accident, actions are taken to mitigate hazards to protect members		
5	ISO recuses themselves if witness to or participant in the accident		
6	The report contains a statement of what happened		
7	Determines compatibility of PPE ensemble (if applicable)		
8	Analysis of information from data sources		
9	Request assistance from Health and Safety Officer (if applicable)		
10	Recommends course of action to prevent further loss		
11	Prepares and submits a report of findings of the accident investigation to include; who, what, where, when, why		
12	Documents are typed, complete, accurate, spelled correctly, and grammatically correct		
Please indicate skill outcome		PASS	FAIL

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STATION E – Post Incident Analysis (PIA)		Reference NFPA 1521 (2020 Edition), Chapter 5 Mandatory Station: JPRs 5.7.1, 5.7.2	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Given an actual or simulated single incident, Utilizing the form(s) provided, the candidate will evaluate the situation, communicate in writing to record and report observations and summarize findings. All documents will be typed. Spelling and grammar will be correct. **See Candidate Handbook Guide 5 for scenario.**

Performance Outcome: Pass / Fail is determined by **17 of 17** tasks being correctly performed.

No.	Tasks	Yes	No
	Prepares a written PIA from the ISO perspective – Areas Covered:		
1	Identified incident type and nature, date, time, number of on-scene personnel and apparatus, and incident location		
2	Identified incident strategic and tactical objectives and their effectiveness		
3	Assessed incident command structure		
4	Identified incident hazards and risks		
5	Assessed effectiveness of the pre-plan		
6	Assessed effectiveness and execution of assignments		
7	Assessed Incident Action Plan: risk vs. gain; safety briefing		
8	Assessed Incident Safety Plan		
9	Identified health and safety issues: risk exposure; PPE concerns; rehabilitation; RIC; accountability;		
10	Provided resource analysis: equipment needs and availability; apparatus type; apparatus positioning; personnel effectiveness; staging, water supply		
11	Identified strengths and areas of improvement based on applicable SOGs, orders, and best practices		
12	Identified deviations from SOGs, if applicable		
13	Provided an overall analysis of the incident		
14	Provided recommendations and action items to support recommendations		
15	Provided an overview of lessons learned		
16	PIA was focused on service improvement: fact-finding not fault-finding		
17	Documents are typed, complete, accurate, spelled correctly, and grammatically correct		
Please indicate skill outcome		PASS	FAIL

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STATION F - Wildland - Incident Management and Control		Reference NFPA 1521 (2020 Edition), Chapter 5 Random Station: JPRs 5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8, 5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.14, 5.2.15, 5.3.1, 5.3.5	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: The Candidate will be provided a descriptive scenario or simulated incident. Utilizing the form(s) provided, the candidate will evaluate the situation, communicate in writing to record and report observations and summarize findings. **See Candidate Handbook Guide 6 for scenario.**

Performance Outcome: Pass / Fail is determined by **28 of 28** tasks being correctly performed.

No.	Tasks	Yes	No
1	Implements the Incident Command System (ICS)		
2	Identifies any additional safety requirements or information needed from size-up		
3	Ensure that Accountability system is followed		
4	Continuously evaluates changing incident conditions and reports them to the IC		
5	Determines hazardous sources that can harm responders		
6	Predicts area of potential harm		
7	Identifies strategic incident requirements for an ASO		
8	Ensures that temporary traffic control devices are utilized to protect members		
9	Identifies conditions that would require the incident to stop, alter, or suspend operations based on imminent threats/danger to responders		
	Advises IC of Hazards – Monitors IAP, conditions, activities, and operations		
10	Monitors weather		
	Activities		
	Work cycles		
	Ability to recognize medical emergencies, including heat, cold, and cardiac		
11	Develops Safety Message/Plan (ICS 208) and Incident Safety Plan (ICS 215A)		
12	Reviews and approves Incident Medical Plan (ICS 206)		
13	Limits accessibility by setting up control zones for the safety of personnel		
14	Identifies and adapts established control zones to incident challenges		
15	Lists other resources that may be required for the incident		
16	Enforces department policies and procedures		
17	Enforces department health and safety policies and rehab		
18	Ensures readiness of rapid intervention crew		
19	Identifies environmental conditions and contaminants		
20	Contamination control procedures are initiated		
21	Determines fire growth and blow up		
22	Interprets fuel, topography, flame length, and weather effects of wildland fires		
23	Information is communicated to the IC either face to face or via radio		
24	Determines hazards associated with Helicopter Landing Zone		
25	Monitors radio transmissions for missed and unclear or incomplete communications		
26	Follows procedures for transfer of ISO duties		
27	Communicates critical messages both orally and in writing		
28	Documents are typed, complete, accurate, spelled correctly, and grammatically correct		
Please indicate skill outcome		PASS	FAIL

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