



PENNSYLVANIA STATE FIRE ACADEMY HAZARDOUS MATERIALS INCIDENT COMMANDER NFPA 470 – 2022 Edition

****Attention:** All certification candidates are required to have an established and up to date user portal account in the PA State Fire Academy's Acadis Learning Management System prior to participating in **ANY** certification testing opportunity. Please log in to your Acadis portal account and update all personal information before submitting your certification application. (Access can be gained through the OSFC website – [Training and Certification Portal](#)).

Hazardous Materials Incident Commander Skill Stations

NFPA 470 - Chapters 13 (2022 Edition)

Station A	Analyzing the Incident	Mandatory Station
Station B	Planning the Response	Mandatory Station
Station C	Implementing the Planned Response	Mandatory Station
Station D	Evaluating the IAP Progress	Mandatory Station
Station E	Terminating the Incident: Transfer of Command	Mandatory Station
Station F	Terminating the Incident: Conducting the Debriefing	Mandatory Station
Station G	Terminating the Incident: Conducting a Critique	Mandatory Station
Station H	Terminating the Incident: Reports and Documentation	Mandatory Station



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Station A – Analyzing the Incident		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPRs' 13.2.1, 13.3.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given a scenario or description of an incident, assume the role of the initial arriving Incident Commander, conduct a size-up, collect and interpret hazard-specific data, and complete a tactical worksheet and a ICS-201 Form indicating the following:

- initial response organization;
- command and general staff, and subordinate organizational elements required to manage the incident;
- local, state, or Federal agencies involved in the response or potentially to be involved;
- private or non-governmental agencies that may be involved in the response;
- number and types of resources required;
- initial response objectives and activities.

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

No.	Tasks	Yes	No
1	Uses information provided to initiate size-up		
2	Identifies additional information / data needed for incident size-up		
3	Uses appropriate reference materials in the hazardous material(s) analysis: a. Hazardous materials databases b. Monitoring equipment c. Reference manuals d. Technical information centers e. Technical information specialist		
4	Collects and appropriately interprets hazard specific data		
5	Lists initial response objectives / activities appropriate to the scenario		
6	Determines incident complexity, estimating outcomes based on objectives and product behavior, and predicts areas of potential harm		
7	Defines an Incident Command System (ICS)		
8	Lists type and number of resources required		
9	Lists other agencies that may be involved in the response (e.g., local, state, Federal)		
10	Obtains weather information for the planned operational periods		
11	Response operations identified are within capabilities and competencies of available personnel, PPE and equipment, and do not violate established safety norms		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



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Station B – Planning the Response		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPRs' 13.2.1, 13.3.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Using a provided scenario or description of an incident, identify the response objectives and potential response options, select and approve the personal protective equipment needed for the response tactics, identify and approve a decontamination process, and develop an Incident Action Plan (IAP) and Site Safety Plan (ICS 208).

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

No.	Tasks	Yes	No
1	Identifies the chemical(s) / agent(s) involved		
2	Collects chemical data using appropriate resources as necessary		
3	Appropriately interprets the scenario / incident / HAZMAT information		
4	Determines response objectives, options, and control techniques for risks present		
5	Determines compatibility of Personal Protective Equipment (PPE) ensemble		
6	Selects and approves appropriate PPE for response options selected		
7	Develops Incident Action Plan (IAP)/site safety plan in accordance with emergency response plan or Standard Operations Procedures/Guidelines (SOP's/SOG's)		
8	Incident Action Plan (IAP) and site safety plan are complete and contain all essential information		
9	Response options identified and site safety plan is within capabilities and competencies of available personnel, PPE and equipment, and does not violate any established safety norms		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

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Station C – Implementing the Planned Response		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPRs' 13.3.1, 13.4.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Using a provided scenario or description of an incident, implement an IMS/ICS system for the planned response so that resources are directed, a focal point for information transfer is established, and actions are taken to meet the response objectives indicated in the IAP.

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

No.	Tasks	Yes	No
1	Implements an IMS/ICS system based on the overall incident needs		
2	List the roles and functions of the various organizational elements identified		
3	ICS organizational structure does not exceed span of control		
4	IMS/ICS structure is appropriately staffed based on current/predicted incident needs, and manages the all intake/output of incident information		
5	Implements Incident Action Plan (IAP) / Site Safety Plan (ICS-208) in accordance with emergency response plan or Standard Operations Procedures/Guidelines (SOP's/SOG's)		
6	Completes the initial ICS-201		
7	Incident Action Plan (IAP) and site safety plan (ICS-208) are complete and contain all essential information		
8	Incident Action Plan (IAP) and site safety plan are within capabilities and competencies of available personnel, PPE and equipment, and do not violate any established safety norms		
Please indicate skill outcome		PASS	FAIL

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Station D – Evaluating IAP Progress		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPRs' 13.2.1, 13.5.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Using a provided scenario or description of an incident and updated information, evaluate the progress of the Incident Action Plan (IAP), determine the effectiveness of the plan, and make modifications to the IAP as necessary to stabilize the scene, control the hazard(s), and achieve incident objectives.

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

No.	Tasks	Yes	No
1	Collect and review updated scenario / incident information		
2	Analyzes and appropriately interpret the information and associated risks in accord with the IAP objectives		
3	Determines effectiveness of current response options to include: <ul style="list-style-type: none">• control, containment and confinement operations• decontamination process• established control zones• personnel use• Personal Protective Equipment (PPE)		
4	Identifies deviations from expected/anticipated outcomes		
5	Modifies the IAP as necessary to achieve objectives		
6	Provides for ongoing assessment of situation		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

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Station E – Terminating the Incident: Transfer of Command		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPR 13.6.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Using a provided scenario or description of an incident, demonstrate your ability to transfer the command and control of the incident to an appropriate authority.

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

No.	Tasks	Yes	No
1	Candidate provides the following information in the transfer-of-command: <ul style="list-style-type: none">• current incident status• incident objectives / activities and strategic priorities• current organizational structure• current resource assignments• resources ordered and en-route• incident facility(s) location (e.g., command post, staging areas, etc.)• current incident communications plan• current incident concerns or other issues		
2	Assures transfer-of-command is complete		
Please indicate skill outcome		PASS	FAIL

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Station F – Terminating the Incident: Conduct a Debriefing		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPR 13.6.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Using a provided scenario or description of an incident and working as a member of a team or small group, conduct a debriefing of the incident.

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

No.	Tasks	Yes	No
1	Reviews exposure and health information (based on HAZMAT(s) involved)		
2	Reviews disposition of equipment and apparatus used in incident operations		
3	Identifies equipment requiring decontamination, servicing, repair or replacement		
4	Identifies a follow-up contact person and contact info in accord with the post incident procedure(s) for potential issues		
5	Identifies problems or issues requiring immediate action		
6	Identify(s) unsafe site conditions that will impact the clean-up and recovery phase		
7	Assigns a staff member the responsibility to gather information for the post incident analysis and critique		
8	Assesses the need for conducting a critical incident stress debriefing		
Please indicate skill outcome		PASS	FAIL

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Station G – Terminating the Incident: Conduct a Critique		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPR 13.6.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Using a provided scenario or description of an incident and working as a member of a team or small group, conduct a critique of the incident.

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

No.	Tasks	Yes	No
1	Establish a critique agenda		
2	Identify the ground rules and communicate the same to participants		
3	Review all aspects of incident / response		
4	Assures all participants actively participate		
5	Identifies and records all recommendations for corrective actions		
6	Summarizes important observations and conclusions discussed		
Please indicate skill outcome		PASS	FAIL

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Station H – Terminating the Incident: Reports and Documentation		Reference NFPA 470 – 2022 Edition, Chapter 13 Mandatory, JPR 13.6.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Using a provided scenario or description of an incident, document the actions taken during the incident in accordance with local, state and Federal requirements.

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

No.	Tasks	Yes	No
1	Initial response activities are documented on the ICS 201		
2	Incident Action Plan (IAP) with incident objectives documented (i.e., ICS 202, 203, 204, 205, 206)		
3	Chemical data forms completed		
4	Personal Protective Equipment (PPE) selection and approval documented		
5	Site safety plans (ICS 208) completed		
6	Completes unit logs (ICS 214) and entry / exit logs		
7	Exposure records completed in accordance with agency policy		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____