

**TEXAS COMMISSION ON FIRE PROTECTION**  
**HAZARDOUS MATERIALS INCIDENT COMMANDER**  
Performance Standards

**HAZARDOUS MATERIALS INCIDENT COMMANDER**

Analyze the Incident, Plan Response, Implement the Incident Action Plan (IAP),  
Evaluate Progress and Adjust IAP, and Termination of Incident

**Skill #1**

**PERFORMANCE STANDARD**

**Section 605**

**NFPA 1072, 2017 edition, 8.2.1, 8.2.1(B), 8.3.1, 8.3.1(B), 8.4.1, 8.4.1(B), 8.5.1, 8.5.1(B), 8.6.1, 8.6.1(B)**

**OBJECTIVE**

**8.2.1**

Analyze a hazardous materials/weapons of mass destruction (WMD) incident, given a hazardous material/WMD incident; incident information; policies and procedures; available resources; approved references; and access to a hazardous materials technician, an allied professional, an emergency plan, or standard operating procedures, so that the hazards are assessed and risks are evaluated.

**8.2.1(B)**

Assessing hazards and evaluating risks; written and verbal communication.

**8.3.1**

Plan the response to a hazardous materials/WMD incident, given a hazardous materials/WMD incident, the results of the incident analysis, and available resources, so that the response objectives are identified, potential response options are identified, level of personal protective equipment (PPE) is approved, decontamination process is approved, response options are selected based on available resources, and an IAP is developed.

**8.3.1(B)**

Approving the personal protective equipment for response options, developing a plan of action, and ability to use verbal and written communication.

**8.4.1**

Implement the planned response in a hazardous materials/WMD incident, given a hazardous materials/WMD incident and resources and equipment available, so that IMS/ICS is implemented, resources are directed, a focal point for information transfer is established, and actions are taken to meet the response objectives of the IAP.

**8.4.1(B)**

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Implementing IMS/ICS including unified command as necessary, assigning, and directing resources, and establishing information transfer focal point.

8.5.1

Evaluate the progress and adjust the IAP as needed at a hazardous materials/WMD incident, given a hazardous materials/WMD incident, actions taken, and changing incident conditions, so that actual behavior of material and container is compared to that predicted, effectiveness of action options and actions is determined, and modifications to the IAP are made as needed until the scene is determined to be stabilized and hazards are controlled.

8.5.1(B)

Comparing predicted behavior of the material and its container to the actual behavior, determining effectiveness of action options and actions, and modifying the IAP when needed.

8.6.1

Terminate response operations at a hazardous materials/WMD incident, given a hazardous materials/WMD incident that has been determined to be stabilized with hazards controlled, operational observations, and approved forms for documentation and reporting, so that command is transferred, debriefings are held, post-incident analysis is completed, a critique is conducted, and overall incident response operations are reported and documented.

8.6.1(B)

Transferring command; participating in a debriefing, post-incident analysis, and critiques; and completing required reports and supporting documentation for overall incident response operations.

**INSTRUCTIONS**

Given a simulated hazardous materials/WMD incident or scenario involving a facility or transportation setting, the incident commander shall:

- Analyze the Incident
- Plan Response
  
- Implement an Incident Action Plan
  - assign resources to meet the strategic goals of the incident action plan (IAP).
  - specify procedures for the notification and utilization of nonlocal resources (e.g., private, state, and/or federal government personnel)
- Evaluate Progress and Adjust IAP

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# TEXAS COMMISSION ON FIRE PROTECTION HAZARDOUS MATERIALS INCIDENT COMMANDER

## Performance Standards

- redirect resources and transfer command as necessary to support the completion of tactical objectives as identified in the incident action plan.
- establish priorities for the assignment and redistribution of all resources dedicated to the incident.
- Termination of the Plan
  - Immediately upon completion of a simulated hazardous materials/WMD incident or scenario involving a facility or transportation setting, the incident commander shall conduct a debriefing of the incident.
    - After returning all equipment to service, the incident commander shall conduct a critique of the incident/scenario in a classroom environment.
    - The incident commander will ensure that all incident documentation is thoroughly completed in accordance with local, state and federal requirements.

All actions shall be consistent with the local emergency response plan and the organization's standard operating procedures.

You will begin on my instruction to start. Do you understand these instructions?

### EXAMINER'S NOTE

The hazardous materials incident commander trainee will not be allowed to review the performance steps at the time of testing.

### PREPARATION & EQUIPMENT

- ICS forms or ICS worksheet.
- Simulated hazardous materials/WMD incident or scenario involving a facility or transportation setting.
- Site safety plan
- Other incident documents

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**HAZARDOUS MATERIALS INCIDENT COMMANDER**

Analyze the Incident, Plan Response, Implement the Incident Action Plan (IAP),  
Evaluate Progress and Adjust IAP, and Termination of Incident

**Skill #1**

Candidate: \_\_\_\_\_ Date: \_\_\_\_\_

Academy: \_\_\_\_\_ Test Site: \_\_\_\_\_

<b>HAZARDOUS MATERIALS INCIDENT COMMANDER</b>	<b><u>TEST</u></b>		<b><u>RETEST</u></b>	
<b>SKILL #1</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
Analyze a hazardous materials/weapons of mass destruction (WMD) incident, given a hazardous material/WMD incident; incident information; policies and procedures; available resources; approved references; and access to a hazardous materials technician, an allied professional, an emergency plan, or standard operating procedures, so that the hazards are assessed and risks are evaluated. <p style="text-align: right;">(8.2.1)</p>				
Assessing hazards and evaluating risks; written and verbal communication. <p style="text-align: right;">(8.2.1(B))</p>				
Plan the response to a hazardous materials/WMD incident, given a hazardous materials/WMD incident, the results of the incident analysis, and available resources, so that the response objectives are identified, potential response options are identified, level of personal protective equipment (PPE) is approved, decontamination process is approved, response options are selected based on available resources, and an IAP is developed. <p style="text-align: right;">(8.3.1)</p>				
Approving the personal protective equipment (PPE) for response options, developing a plan of action, and ability to use verbal and written communication. <p style="text-align: right;">(8.3.1(B))</p>				
Implement the planned response in a hazardous materials/WMD incident, given a hazardous materials/WMD				

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<p>incident and resources and equipment available, so that IMS/ICS is implemented, resources are directed, a focal point for information transfer is established, and actions are taken to meet the response objectives of the IAP.          (8.4.1)</p>				
<p>Implementing IMS/ICS including unified command as necessary, assigning and directing resources, and establishing information transfer focal point.          (8.4.1(B))</p>				
<p>Evaluate the progress and adjust the IAP as needed at a hazardous materials/WMD incident, given a hazardous materials/WMD incident, actions taken, and changing incident conditions, so that actual behavior of material and container is compared to that predicted, effectiveness of action options and actions is determined, and modifications to the IAP are made as needed until the scene is determined to be stabilized and hazards are controlled.          (8.5.1)</p>				
<p>Comparing predicted behavior of the material and its container to the actual behavior, determining effectiveness of action options and actions, and modifying the IAP when needed.          (8.5.1(B))</p>				
<p>Terminate response operations at a hazardous materials/WMD incident, given a hazardous materials/WMD incident that has been determined to be stabilized with hazards controlled, operational observations, and approved forms for documentation and reporting, so that command is transferred, debriefings are held, post-incident analysis is completed, a critique is conducted, and overall incident response operations are reported and documented.          (8.6.1)</p>				
<p>Transferring command; participating in a debriefing, post-incident analysis, and critiques; and completing required reports and supporting documentation for overall incident response operations.</p>				

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(8.6.1(B))				
<b>The candidate shall:</b>	<b>S</b>	<b>U</b>	<b>S</b>	<b>U</b>
a) Analyze a hazardous materials/weapons of mass destruction (WMD) incident				
b) Assess hazards				
c) Evaluate risks				
d) Demonstrate satisfactory written and verbal communication skills				
e) Approve the personal protective equipment (PPE) for response options				
f) Develop a plan of action				
g) Demonstrate satisfactory verbal and written communication skills				
h) Implement IMS/ICS including unified command as necessary				
i) Assign resources and direct resources				
j) Establish an information transfer focal point				
k) Compare predicted behavior of the material and its container to actual behavior				
l) Determine effectiveness of action options and actions				
m) Modify IAP when needed				
n) Transfer command				
o) Conduct a: <ul style="list-style-type: none"> <li>• Debriefing</li> <li>• Post-incident analysis</li> <li>• Critiques</li> </ul>				
p) Complete required reports and supporting				

**S = Satisfactorily completed/performed**

**U = Unsatisfactorily performed/failed to meet objective or grading step**

**Evaluator/Candidate Comments:**

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**All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.**

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score

Pass  Fail

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Re-Test Score

Pass  Fail

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# Incident Command Worksheet

Date: \_\_\_\_\_  
 Incident Name: \_\_\_\_\_  
 Incident Address/Location: \_\_\_\_\_  
 Incident Command Post Location: \_\_\_\_\_  
 Staging Area Location: \_\_\_\_\_  
 Dispatch Time: \_\_\_\_\_  
 On-Scene Time: \_\_\_\_\_  
     Controlled: \_\_\_\_\_  
 Extinguishment: \_\_\_\_\_

Incident Commander(s)	
Name	Date/Time

## Scene Sketch

1st Alarm	
Unit	
Engine	
Engine	
Ladder	
EMS	

2nd Alarm	

3rd Alarm	

Mutual Aid	
Dept	Resource

Side C

Side B
Side D

Side A

Assignments					
Division/Group	Division/Group	Division/Group	Division/Group	Division/Group	Division/Group



# Incident Command Worksheet

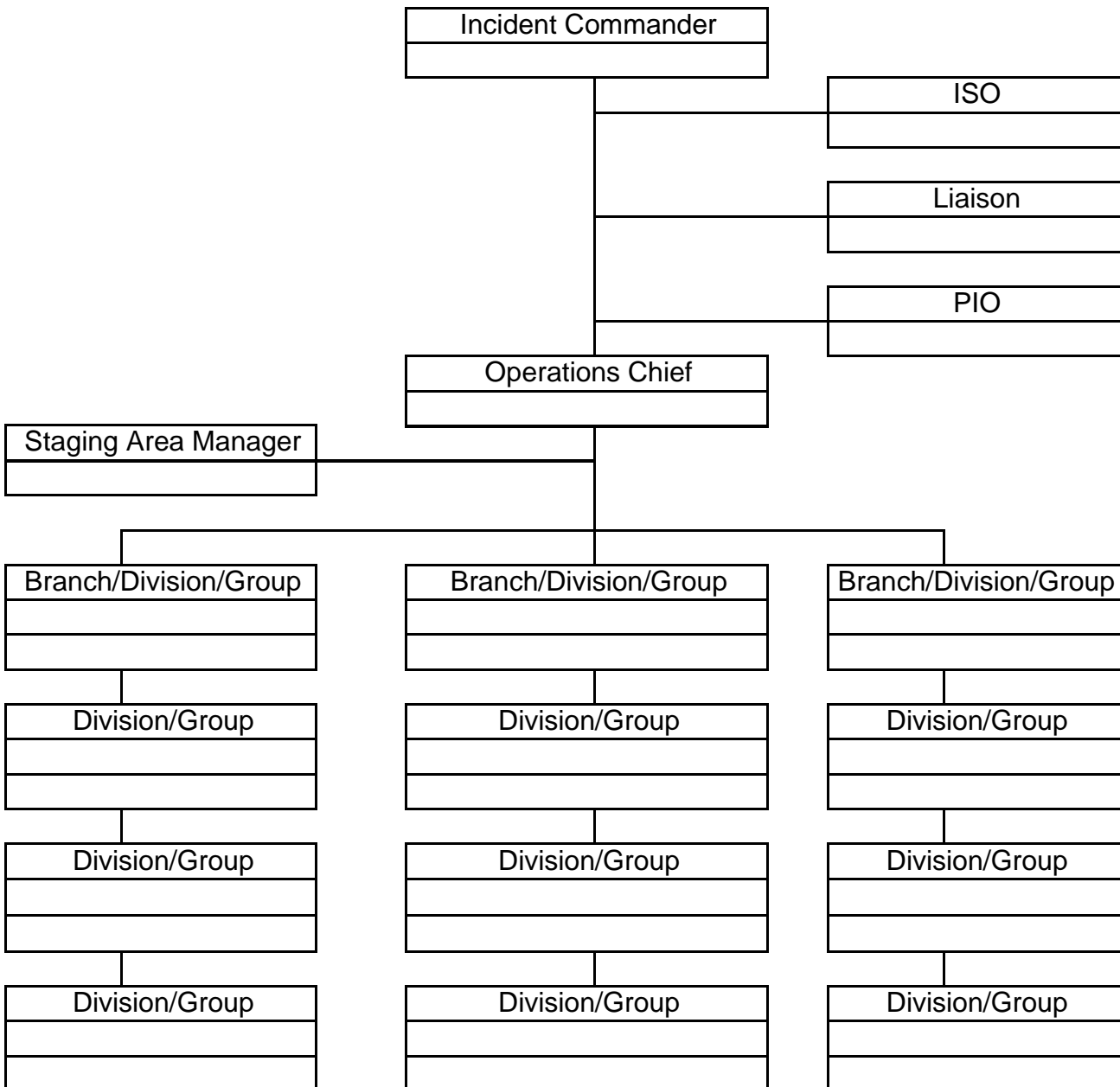
Summary of Resources							
	Resource Ordered	Resource ID	ETA	OS	# of Personnel	Location	Released
1							
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3							
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6							
7							
8							
9							
10							
11							
12							
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# Incident Command Worksheet

Response Objectives
Life Safety
Incident Stabilization
Environmental Protection
Property Preservation

Tactical Priorities
Rescue
Exposures
Confinement
Extinguishment
Overhaul
Ventilation
Salvage

8 Step Hazmat Mgmt Process
Site Management & Control
Identify the Material Involved
Identify the Hazards and Risks
Select Proper PPE/CPC
Coordinate Info & Resources
Develop & Implement Objs
Decontamination
Termination Activities



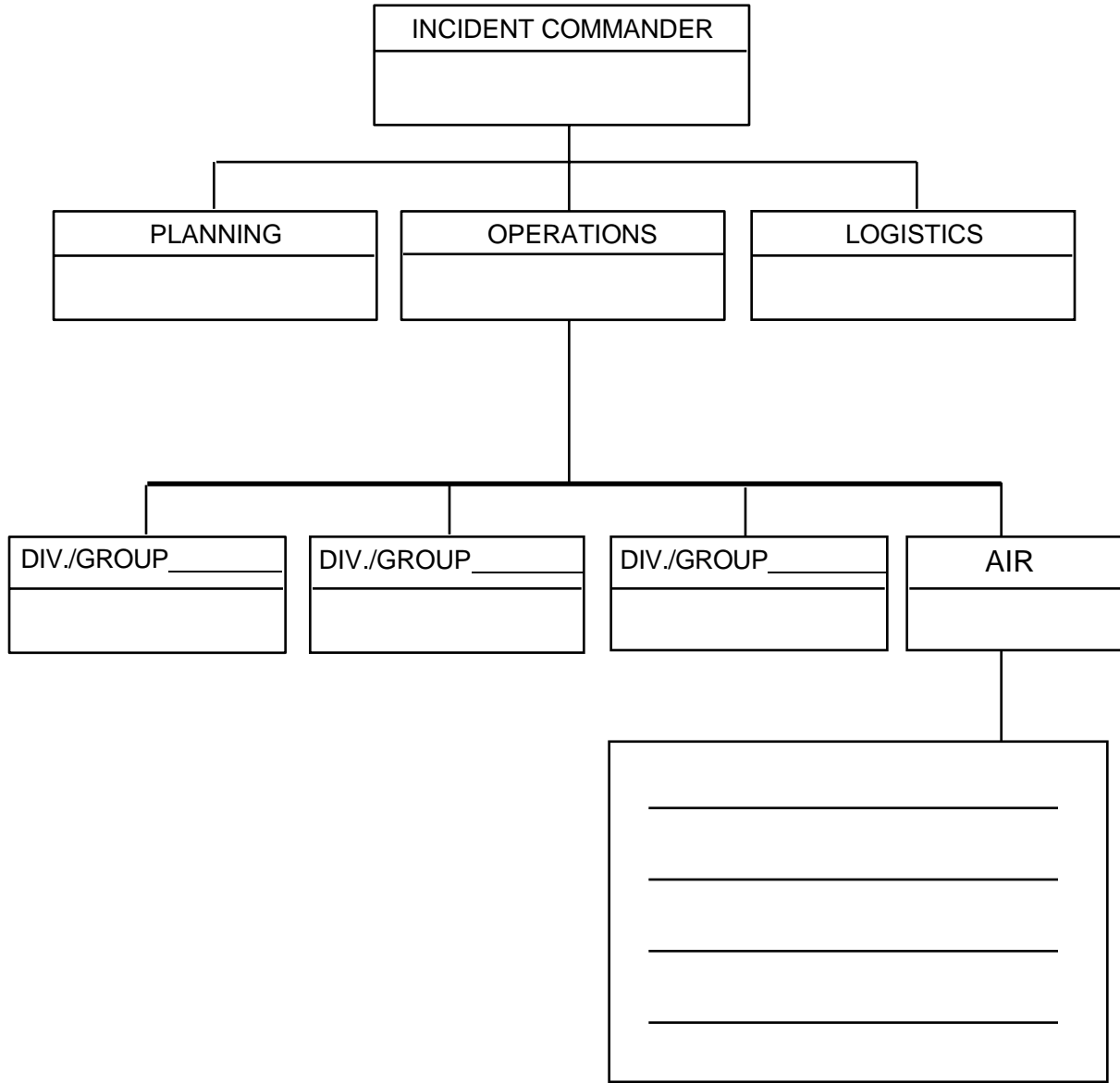
# Incident Command Worksheet

Summary of Actions		
	Time/Date	Activity
1		
2		
3		
4		
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6		
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10		
11		
12		
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<b>INCIDENT BRIEFING</b>	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
4. MAP SKETCH			
<b>ICS 201 (12/93) NFES 1325</b>	PAGE 1	5. PREPARED BY (NAME AND POSITION)	



7. CURRENT ORGANIZATION



8. RESOURCES SUMMARY

RESOURCES ORDERED	RESOURCES IDENTIFICATION	ETA	ON SCENE √	LOCATION/ASSIGNMENT
ICS 201 (12/93) NFES 1325	PAGE 4			









<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>	1. INCIDENT NAME	2. DATE/TIME PREPARED	3. OPERATIONAL PERIOD DATE/TIME
	4. BASE RADIO CHANNEL UTILIZATION		

SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY/TONE	ASSIGNMENT	REMARKS

5. PREPARED BY (COMMUNICATIONS UNIT)
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<b>MEDICAL PLAN</b>	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD					
<b>5. INCIDENT MEDICAL AID STATIONS</b>									
MEDICAL AID STATIONS	LOCATION	PARAMEDICS							
		YES	NO						
<b>6. TRANSPORTATION</b>									
<b>A. AMBULANCE SERVICES</b>									
NAME	ADDRESS	PHONE	PARAMEDICS						
			YES	NO					
<b>B. INCIDENT AMBULANCES</b>									
NAME	LOCATION	PARAMEDICS							
		YES	NO						
<b>7. HOSPITALS</b>									
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER		
		AIR	LAND		YES	NO	YES	NO	
<b>8. MEDICAL EMERGENCY PROCEDURES</b>									
206 res 8/78	9. PREPARED BY (MEDICAL UNIT LEADER)				110. REVIEWED BY (SAFETY OFFICER)				

<b>SITE SAFETY AND CONTROL PLAN</b> ICS 208 HM	1. Incident Name:	2. Date Prepared:	3. Operational Period: Time:									
<b>Section I. Site Information</b>												
4. Incident Location:												
<b>Section II. Organization</b>												
5. Incident Commander:	6. HM Group Supervisor:	7. Tech. Specialist - HM Reference:										
8. Safety Officer:	9. Entry Leader:	10. Site Access Control Leader:										
11. Asst. Safety Officer - HM:	12. Decontamination Leader:	13. Safe Refuge Area Mgr:										
14. Environmental Health:	15.	16.										
17. Entry Team: (Buddy System)		18. Decontamination Element:										
Name:	PPE Level	Name:	PPE Level									
Entry 1		Decon 1										
Entry 2		Decon 2										
Entry 3		Decon 3										
Entry 4		Decon 4										
<b>Section III. Hazard/Risk Analysis</b>												
19. Material:	Container type	Qty.	Phys. State	pH	IDLH	F.P.	I.T.	V.P.	V.D.	S.G.	LEL	UEL
Comment:												
<b>Section IV. Hazard Monitoring</b>												
20. LEL Instrument(s):						21. O <sub>2</sub> Instrument(s):						
22. Toxicity/PPM Instrument(s):						23. Radiological Instrument(s):						
Comment:												
<b>Section V. Decontamination Procedures</b>												
24. Standard Decontamination Procedures:										YES:	NO:	
Comment:												
<b>Section VI. Site Communications</b>												
25. Command Frequency:				26. Tactical Frequency:				27. Entry Frequency:				
<b>Section VII. Medical Assistance</b>												
28. Medical Monitoring:		YES:	NO:	29. Medical Treatment and Transport In-place:						YES:	NO:	
Comment:												

**Section VIII. Site Map**

30. Site Map:



Weather  Command Post  Zones  Assembly Areas  Escape Routes  Other

**Section IX. Entry Objectives**

31. Entry Objectives:

**Section X. SOP S and Safe Work Practices**

32. Modifications to Documented SOP s or Work Practices: YES: NO:

Comment:

**Section XI. Emergency Procedures**

33. Emergency Procedures:

**Section XII. Safety Briefing**

34. Asst. Safety Officer - HM Signature: Safety Briefing Completed (Time):

35. HM Group Supervisor Signature: 36. Incident Commander Signature:

## INSTRUCTIONS FOR COMPLETING THE SITE SAFETY AND CONTROL PLAN ICS 208 HM

A Site Safety and Control Plan must be completed by the Hazardous Materials Group Supervisor and reviewed by all within the Hazardous Materials Group prior to operations commencing within the Exclusion Zone.

Item Number	Item Title	Instructions
1.	Incident Name/Number	Print name and/or incident number.
2.	Date and Time	Enter date and time prepared.
3.	Operational Period	Enter the time interval for which the form applies.
4.	Incident Location	Enter the address and or map coordinates of the incident.
5 - 16.	Organization	Enter names of all individuals assigned to ICS positions. (Entries 5 & 8 mandatory). Use Boxes 15 and 16 for other functions: i.e., Medical Monitoring.
17 - 18.	Entry Team/Decon Element	Enter names and level of PPE of Entry & Decon personnel. (Entries 1 - 4 mandatory buddy system and back-up.)
19.	Material	Enter names and pertinent information of all known chemical products. Enter UNK if material is not known. Include any which apply to chemical properties. (Definitions: ph = Potential for Hydrogen (Corrosivity), IDLH = Immediately Dangerous to Life and Health, F.P. = Flash Point, I.T. = Ignition Temperature, V.P. = Vapor Pressure, V.D. = Vapor Density, S.G. = Specific Gravity, LEL = Lower Explosive Limit, UEL = Upper Explosive Limit)
20 - 23.	Hazard Monitoring	List the instruments which will be used to monitor for chemical.
24.	Decontamination Procedures	Check NO if modifications are made to standard decontamination procedures and make appropriate Comments including type of solutions.
25 - 27.	Site Communications	Enter the radio frequency(ies) which apply.
28 - 29.	Medical Assistance	Enter comments if NO is checked.
30.	Site Map	Sketch or attach a site map which defines all locations and layouts of operational zones. (Check boxes are mandatory to be identified.)
31.	Entry Objectives	List all objectives to be performed by the Entry Team in the Exclusion Zone and any parameters which will alter or stop entry operations.
32 - 33.	SOP s, Safe Work Practices, and Emergency Procedures	List in Comments if any modifications to SOP s and any emergency procedures which will be affected if an emergency occurs while personnel are within the Exclusion Zone.
34 - 36.	Safety Briefing	Have the appropriate individual place their signature in the box once the Site Safety and Control Plan is reviewed. Note the time in box 34 when the safety briefing has been completed.