



INCIDENT COMMAND SYSTEM

Hazardous Materials

LESSON ICS-361-2
Assistant Safety Officer
Hazardous Materials

<i>TOPIC:</i>	ASSISTANT SAFETY OFFICER - HAZARDOUS MATERIALS
<i>TIME FRAME:</i>	30 Minutes
<i>LEVEL OF INSTRUCTION:</i>	Level I
<i>BEHAVIORAL OBJECTIVE:</i>	<ul style="list-style-type: none">• Condition: Given a written examination• Behavior: The student will recognize the roles and responsibilities of the Assistant Safety Officer Hazardous Materials• Standard: With a minimum 80% accuracy according to the information in the Incident Command System Hazardous Materials Module
<i>MATERIALS NEEDED:</i>	Dry erase board and pens, Hazardous Materials Group Organization Chart, Control Zone Layout Chart, Lesson plan ICS-361-2, Written quiz
<i>REFERENCES:</i>	ICS-361-2 Lesson Plan and ICS-1102 Position Manual for Assistant Safety Officer Hazardous Materials.
<i>PREPARATION:</i>	<p>The Assistant Safety Officer Hazardous Materials is responsible for having a thorough working knowledge of the duties and responsibilities of the position as listed in the Assistant Safety Officer Hazardous Materials Position Manual ICS-1102. When filling the position of ASO-HM you will report directly to the Incident Safety Officer but generally work with the Hazardous Materials Group Supervisor or Hazardous Materials Branch Director (if activated). In this position you will not act as the overall Incident Safety Officer. Therefore, it is necessary that an ASO-HM be appointed at all hazardous materials incidents.</p> <p>You will be given a written quiz at the end of this session. The performance standard is 80% correct.</p>



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PRESENTATION		APPLICATION
I.	ORGANIZATION	
A.	ASO-HM assigned to	Show Hazardous Materials Group Organization flow chart
1.	HM Group or Branch Director if activated	
B.	Reports to	Where is the ASO-HM assigned?
1.	Incident Safety Officer	
C.	Responsible for	The ASO-HM reports to whom?
1.	Safety of HM Group personnel	
2.	Coordination of HM Group / Branch activities	
a)	With Haz Mat Group Supervisor	
b)	Branch Director (if activated)	
D.	Does not act as the overall incident Safety Officer	
II.	PERSONNEL	
A.	General objectives of this position	
1.	Advise HM Group or HM Branch	
a)	Health and safety issues	
2.	Will prevent or stop unsafe acts	
a)	In IDLH conditions	
b)	Imminent danger situations	
B.	ASO-HM requirements	Describe the requirements of the ASO-HM
1.	ICS Safety Officer qualified	
2.	High degree of knowledge of	
a)	Mitigation operations	
3.	Minimum equivalent to	
a)	Federal, State and Local Laws	
III.	MAJOR RESPONSIBILITIES AND PROCEDURES	
A.	Review Common Responsibilities in the	What does the ASO-HM need to complete the check in process?
1.	Field Operations Guide	



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<p>B. Check in and obtain a briefing from the Incident Safety Officer</p> <ol style="list-style-type: none">1. Complete Check In List (ICS Form 211)2. If reporting directly to an assignment<ol style="list-style-type: none">a) Check in via radio3. Request and receive a briefing<ol style="list-style-type: none">a) Incident Briefing (ICS Form 201)b) Or information verballyc) Request instructions<ol style="list-style-type: none">(1) Regarding work activities4. Obtain IAP if and when available5. Start Unit/Activity Log6. ICS Form 214 <p>C. Briefing with HM Group Supervisor or Branch Director</p> <ol style="list-style-type: none">1. Operational objectives2. Names and contact information<ol style="list-style-type: none">a) Locationsb) Radio Frequencies <p>D. Participate in the preparation and implementation of the Site Safety and Control Plan (ICS Form 208)</p> <ol style="list-style-type: none">1. Survey and review documentation<ol style="list-style-type: none">a) Maps, photographs, etc...2. Review Base, Command Post and Hazard Evacuation Plans3. Review the Medical Plan4. Review weather data<ol style="list-style-type: none">a) Current weatherb) Future predictions5. Develop recommendations for<ol style="list-style-type: none">a) Incident Action Plan (ICS Form 202)	<p>After reporting to the Incident Safety Officer what is the next step for the ASO-HM?</p> <p>The ASO-HM reports deviations from the Site</p>
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<p>E.</p> <p>F.</p> <p>G.</p>	<ul style="list-style-type: none"> b) Site Safety and Control Plan (ICS Form 208) 6. Attend briefing and planning meetings Advise HMGS or HM Branch Director (if activated) 1. Maintain communications with the HMGS 2. Deviations from the Site Safety and Control Plan <ul style="list-style-type: none"> a) Due to weather changes b) Fire behavior c) Injury d) Confined space conditions 3. Dangerous situations in IDLH 4. Foreseeable problems <ul style="list-style-type: none"> a) Possible solutions 5. Conduct visual inspections <ul style="list-style-type: none"> a) Frequently and regularly b) Note compliance with Site Safety and Control Plan (ICS Form 208) 6. Monitor radio traffic with HM Group ASO – HM has authority to <ul style="list-style-type: none"> 1. Alter, suspend or terminate unsafe acts <ul style="list-style-type: none"> a) In IDLH conditions b) Imminent danger situations 2. Notify HM Group Supervisor 3. Notify the Incident Safety Officer 4. Document use of this authority <ul style="list-style-type: none"> a) ICS Form 208 b) ICS Form 214 c) Diagrams, photos and witnesses Ensure protection of the Hazardous Materials Group / Branch <ul style="list-style-type: none"> 1. Physical hazards 	<p>Safety and Control Plan (ICS Form 208 HM) to whom?</p> <p>How does the ASO-HM assure that the HM Group follows the Site Safety and Control Plan (ICS Form 208 HM)</p> <p>Who will be notified when the ASO-HM exercises full authority to stop unsafe acts?</p>
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<ul style="list-style-type: none">2. Environmental hazards3. Chemical hazards and exposures4. Review and approve<ul style="list-style-type: none">a) Personal Protective Equipment (PPE)b) Procedures for using such5. Observe HM Group operations<ul style="list-style-type: none">a) Personallyb) Conduct interviewsH. Ensure EMS provisions for HM Group<ul style="list-style-type: none">1. Medical Unit Leader2. Review Site Safety and Control Plan3. Review Emergency Medical Protocols4. Review rescue procedures<ul style="list-style-type: none">a) Stand by EMSb) Field decontamination proceduresI. Ensure HM Group / Branch medical records are maintained<ul style="list-style-type: none">1. Complete exposure records<ul style="list-style-type: none">a) File with Documentation UnitJ. Maintain Unit/Activity Log (ICS Form 214)<ul style="list-style-type: none">1. Record significant events2. Submit form through the Incident Safety Officer<ul style="list-style-type: none">a) To the Documentation Unit	<p>Who gets the completed exposure records?</p> <p>Who is the Unit/Activity Log (ICS Form 214) submitted to?</p>
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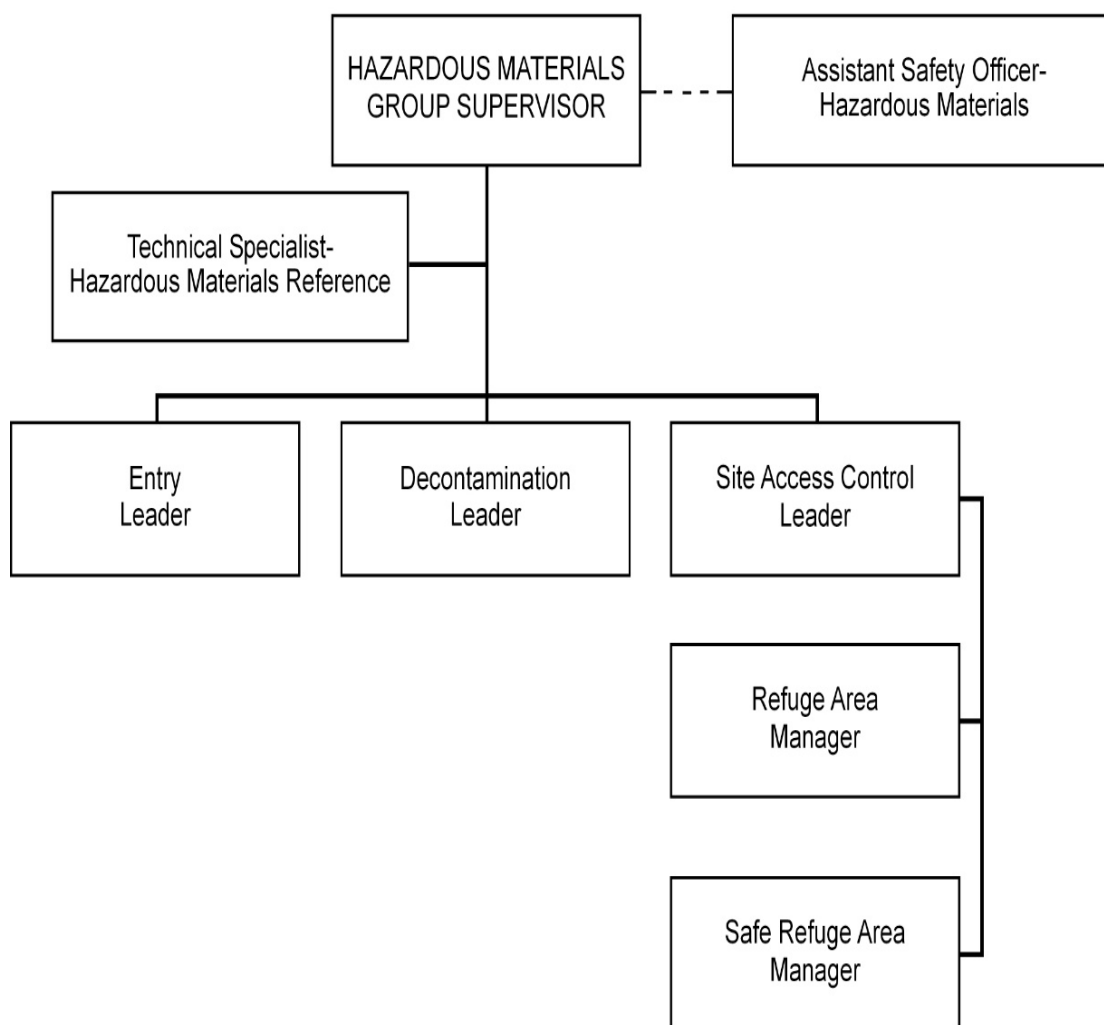


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Hazardous Materials Group Organization

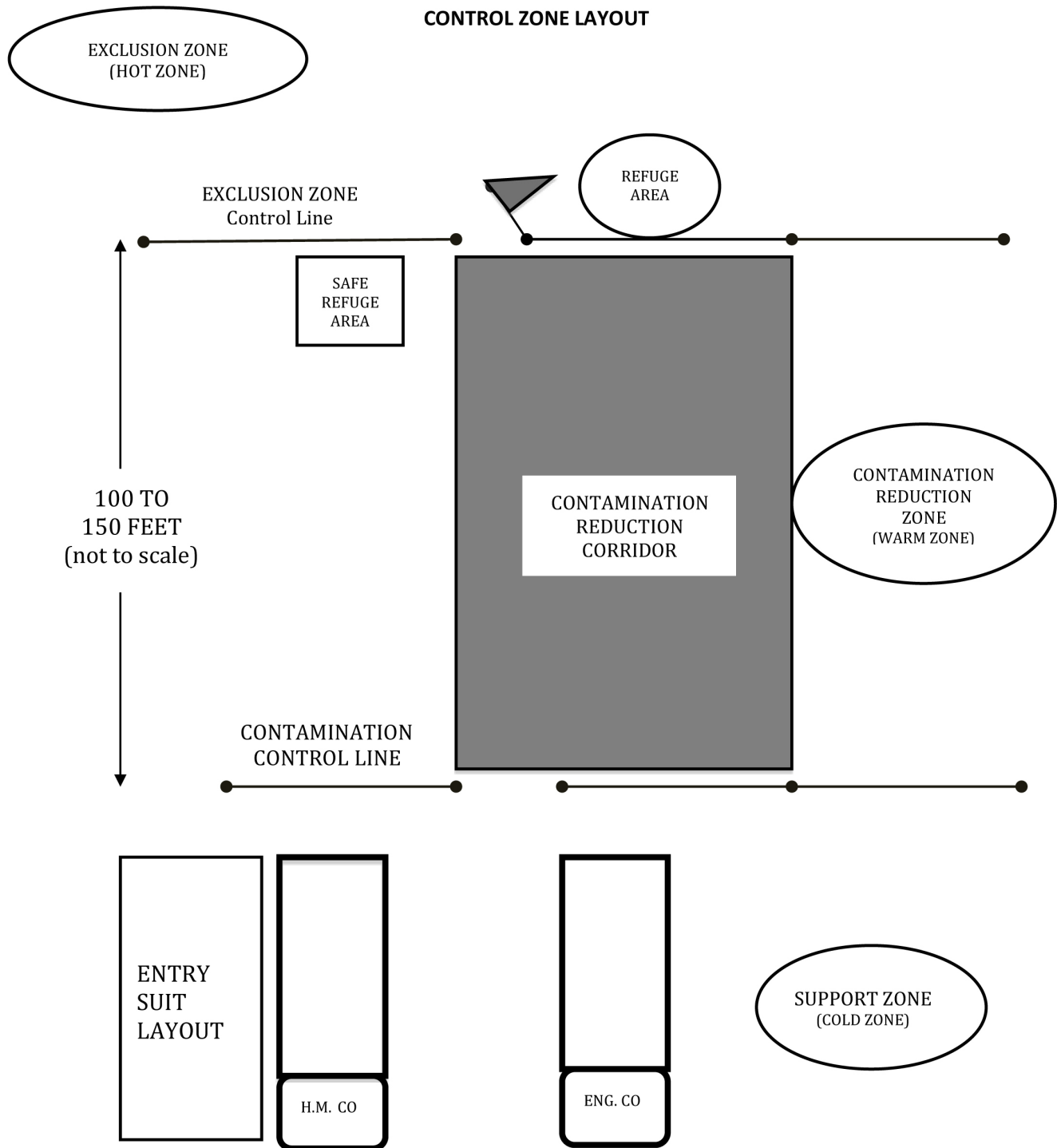




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SUMMARY:

We have taken a detailed look at the duties of the Assistant Safety Officer – Hazardous Materials. When filling this position, you should be completely familiar with the duties of the position. The safety of the HM Group is dependent upon you performing in this position in a competent manner. Stay alert and stay in touch with other members of the group. From monitoring the activities of the HM Group or Branch (if activated), to assisting in the selection of personal protective equipment, your active participation can make the difference between an injury-free incident and calamity.

EVALUATION:

Give student quiz ICS-361-2

ASSIGNMENT:

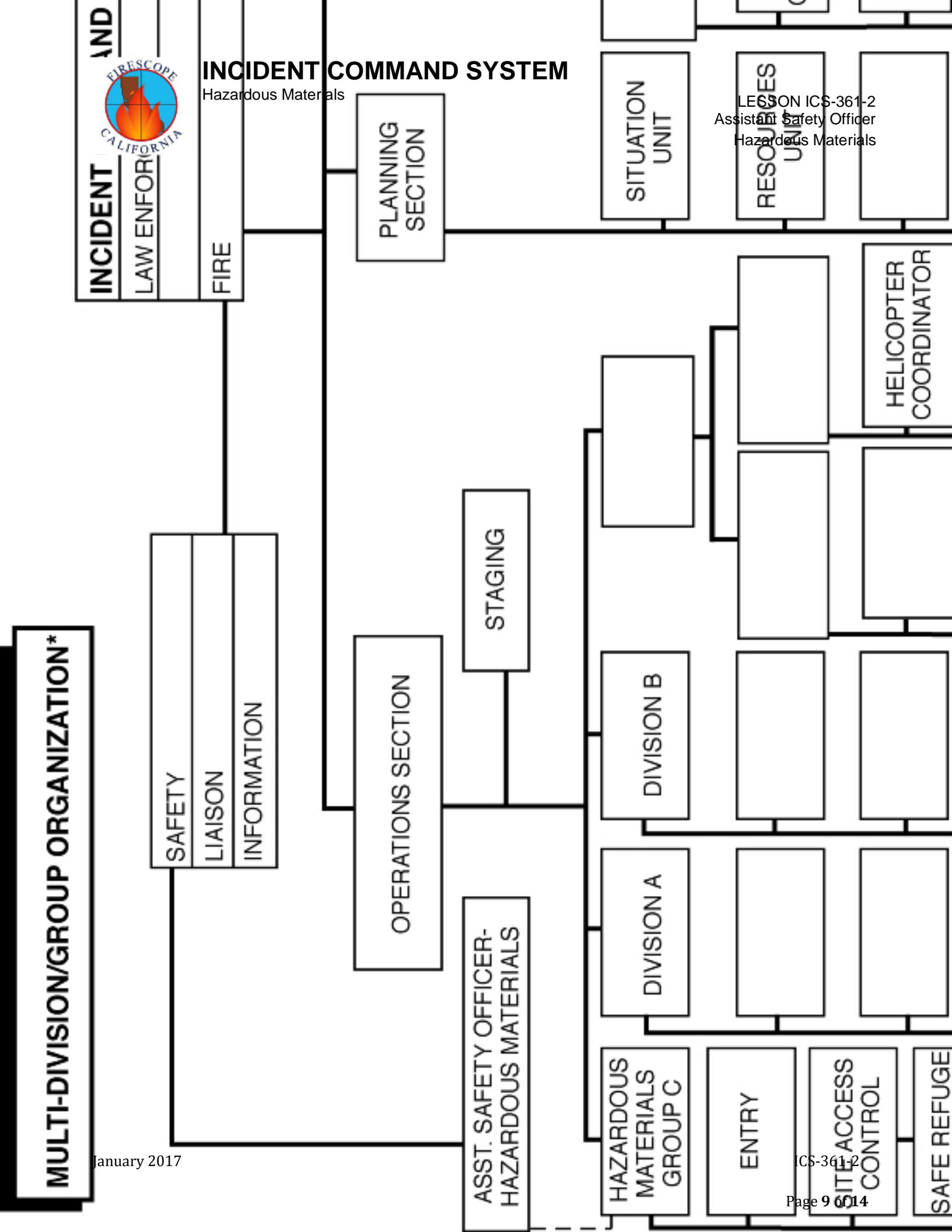
Read pages 1-6 of Assistant Safety Officer – Hazardous Materials Position Manual (ICS-1102)



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ICS-361-2

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Incident Command System Hazardous Materials Module ICS-361-2 Quiz

Name: _____

Date: _____

Assistant Safety Officer – Hazardous Materials

Instructions: This is a multiple choice quiz. For each of the following questions or statements, mark the letter preceding the one best answer.

Example: Methods and operating procedures which reduce fire, water and smoke damage during and after fire are called:

- A. Overhaul
- B. Ventilation
- C. Extinguishment
- D. Salvage**

1. The Assistant Safety Officer – Hazardous Materials (ASO-HM) reports directly to:

- A. The Incident Commander
- B. The Incident Safety Officer
- C. The Hazardous Materials Group Supervisor
- D. The Entry Leader

2. The ASO – HM has coordinating activities with:

- A. The Entry Leader
- B. The Medical Group
- C. The Logistics Section Chief
- D. The Haz Mat Group Supervisor

3. Due to the responsibilities of ASO – HM position, it is imperative that the individual be:

- A. ICS Safety Officer Qualified
- B. Possess a high degree of knowledge in operations and procedures being implemented
- C. Incident Commander Qualified
- D. Both A and B



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4. In an incident involving multiple emergency activities the ASO – HM will also act as the overall Incident Safety Officer
 - A. True
 - B. False
 5. The ASO – HM should participate in the development and implementation of a written:
 - A. Site Safety and Control Plan (ICS Form 208-HM)
 - B. Incident Action Plan (IAP)
 - C. Compensation for injury log (ICS Form 226)
 - D. Medical Plan (ICS Form 206)
 6. Deviations of the Site Safety and Control Plan (ICS Form 208-HM) should be reported to the:
 - A. Incident Safety Officer
 - B. Hazardous Materials Entry Leader
 - C. HM Group Supervisor
 - D. None of the above
 7. How does the ASO – HM assure compliance with the Site Safety and Control Plan (ICS Form 208-HM)
 - A. Frequent and regular meetings with the Incident Commander
 - B. Monitor the radio traffic of the Command Staff
 - C. Conduct frequent and regular visual inspections of the HM Group operations
 - D. Advise the Communications Officer to monitor all HM Group radio traffic
 8. To ensure that the Hazardous Materials Group is safe the ASO – HM will monitor
 - A. Physical hazards
 - B. Chemical hazards
 - C. Environmental threats
 - D. All of the above
 9. The ASO – HM should communicate Emergency Medical Management Protocols, emergency field decontamination procedures and rescue procedures to:
 - A. The Evacuation Group Supervisor
 - B. The Medical Unit Leader
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- C. The Incident Commander
- D. The Health and Safety Officer

10. The ASO – HM should document which of the following items on Unit/Activity Log (ICS Form 214)?

- A. Alterations, suspensions or termination of unsafe acts
- B. Injuries to personnel within the Haz Mat Group
- C. Any significant events
- D. All of the above

Incident Command System Hazardous Materials Module ICS-361-2 Quiz

Name: _____

Date: _____

Assistant Safety Officer – Hazardous Materials

Instructions: This is a multiple choice quiz. For each of the following questions or statements, mark the letter preceding the one best answer.

Example: Methods and operating procedures which reduce fire, water and smoke damage during and after fire are called:

- E. Overhaul
- F. Ventilation
- G. Extinguishment
- H. Salvage**

1. The Assistant Safety Officer – Hazardous Materials (ASO-HM) reports directly to:

- A. The Incident Commander
- B. The Incident Safety Officer**
- C. The Hazardous Materials Group Supervisor
- D. The Entry Leader

2. The ASO – HM has coordinating activities with:



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- A. The Entry Leader
 - B. The Medical Group
 - C. The Logistics Section Chief
 - D. The Haz Mat Group Supervisor**
3. Due to the responsibilities of ASO – HM position, it is imperative that the individual be:
- A. ICS Safety Officer Qualified
 - B. Possess a high degree of knowledge in operations and procedures being implemented
 - C. Incident Commander Qualified
 - D. Both A and B**
4. In an incident involving multiple emergency activities the ASO – HM will also act as the overall Incident Safety Officer
- A. True
 - B. False**
5. The ASO – HM should participate in the development and implementation of a written:
- A. Site Safety and Control Plan (ICS Form 208-HM)**
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6. Deviations of the Site Safety and Control Plan (ICS Form 208-HM) should be reported to the:
- A. Incident Safety Officer
 - B. Hazardous Materials Entry Leader
 - C. HM Group Supervisor**
 - D. None of the above
7. How does the ASO – HM assure compliance with the Site Safety and Control Plan (ICS Form 208-HM)
- A. Frequent and regular meetings with the Incident Commander
 - B. Monitor the radio traffic of the Command Staff
 - C. Conduct frequent and regular visual inspections of the HM Group operations**
 - D. Advise the Communications Officer to monitor all HM Group radio traffic
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8. To ensure that the Hazardous Materials Group is safe the ASO – HM will monitor
 - A. Physical hazards
 - B. Chemical hazards
 - C. Environmental threats
 - D. All of the above**

9. The ASO – HM should communicate Emergency Medical Management Protocols, emergency field decontamination procedures and rescue procedures to:
 - A. The Evacuation Group Supervisor
 - B. The Medical Unit Leader**
 - C. The Incident Commander
 - D. The Health and Safety Officer

10. The ASO – HM should document which of the following items on Unit/Activity Log (ICS Form 214)?
 - A. Alterations, suspensions or termination of unsafe acts
 - B. Injuries to personnel within the Haz Mat Group
 - C. Any significant events
 - D. All of the above**