

Exercise 8 Overview

Unit 7

Purpose

The purpose of this exercise is to provide Students with an opportunity to practice planning to keep hazardous materials operations as safe as possible by outlining the information that must be identified before a Hazardous Materials Team enters the hazard area.

Objectives

Students will fill out ICS Form 208 HM, Site Safety and Control Plan.

Exercise Structure

This exercise will last approximately 45 minutes, including individual work and class review of the sample answers. The Students will individually fill out ICS Form 208 HM, Site Safety and Control Plan, using the information provided and the Train Derailment Scenario. Rather than discussing the results in small groups or presenting the results to the class, the Instructor will review a completed ICS Form 208 HM and allow the Students to compare their results.

Rules, Roles, and Responsibilities

The following are the specific activities and instructions for your participation in the exercise:

1. Review the information provided in this exercise and the Train Derailment Scenario.
2. Individually, fill out ICS Form 208 HM, Site Safety and Control Plan.
3. Compare your results to the sample form provided in the handout and reviewed by the Instructor.

The Instructor moderates discussions, answers questions, and provides additional information as required.

Exercise 8 Schedule

Exercise Introduction and Overview	2 minutes	Classroom
Individual Work	30 minutes	Individual
Debrief and Review	15 minutes	Classroom

INSTRUCTIONS FOR COMPLETING THE SITE SAFETY AND CONTROL PLAN ICS 208

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 backup.)
19.	Material	Enter names and pertinent information of all known chemical products. Enter "UNK" if material is not known. Include any that 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 that 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) that apply.
28 - 29.	Medical Assistance	Enter comments if "NO" is checked.
30.	Site Map	Sketch or attach a site map that 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 that 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 that 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.

SITE SAFETY AND CONTROL PLAN ICS 208 HM	1. Incident Name:	2. Date Prepared:	3. Operational Period: Time:
	Section I. Site Information		

4. Incident Location:

Section II. Organization

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	

Section III. Hazard/Risk Analysis
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19. Material:	Container type	Qty.	Phys. State	pH	IDLH	F.P.	I.T.	V.P.	V.D.	S.G.	LEL	UEL

Comment:

Section IV. Hazard Monitoring

20. LEL Instrument(s):	21. O ₂ Instrument(s):
22. Toxicity/PPM Instrument(s):	23. Radiological Instrument(s):

Comment:

Section V. Decontamination Procedures
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24. Standard Decontamination Procedures:	YES:	NO:
Comment:		

Section VI. Site Communications
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25. Command Frequency:	26. Tactical Frequency:	27. Entry Frequency:
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Section VII. Medical Assistance
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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:
Identify Contains of Train
Contain Spills Around Train and Down River
Provide Decontamination for All Personnel

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: