

**Course: Hazardous Materials: Operating Site Practices**  
**February, 1999**

<b>Standard</b>	<b>Reference</b>	<b>Remarks</b>
472—5-1.3* a. 1.	IG 2-1-3 to 2-1-7	Collect and interpret hazard and response information from printed resources, technical resources, computer data bases, and monitoring equipment
472—5-1.3* a. 2.	IG 2-2-3 to 2-2-39	Estimate the potential outcomes within the endangered area at a hazardous material incident
472—5-1.3* a. 4.	Unit 3	Develop a plan of action...
472—5-2.1	IG 2-1-3 to 2-1-7; IG 2-4-5	Collecting and Interpreting Hazard and Response Information.
472—5-2.2	IG 2-1-3 to 2-1-7; IG 2-3-3	Estimating Potential Outcomes
472—5-2.2.1	IG 2-3-3 to 2-3-25	Identify the steps for estimating the number of exposures within the endangered area
472—5-3.1	IG Unit 4; IG Unit 5	Identifying Response Objectives
472—5-3.2	IG Unit 4; IG Unit 5	Identifying the Potential Action Options
472—5-3.3.3	Unit 5	Describe 3 safety considerations for personnel wearing vapor-protective, liquid splash-protective, and high temperature-protective clothing
472—5-3.4	Unit 6	Given simulated facility and transportation hazardous material incidents, the IC shall develop a plan of action...
472—5-3.4.1	Unit 6	Identify the steps for developing a plan of action
472—5-3.4.2	IG 5-4 to 5-42	Identify the factors to be evaluated in selecting public protective actions including evacuation and sheltering in-place
472—5-3.4.3	Unit 5	Given the local emergency response plan...
472—5-3.4.3 (h)	IG 5-4 to 5-42	Provide resources for public safety protective action
472—5-3.4.3 (i)	Unit 5-Module 7; IG 5-4-4	Provide fire suppression services when appropriate
472—5-3.4.3 (l)	Unit 5	Provide public information (news media statements)
472—5-3.4.3 (m)	Unit 5	Provide on-scene communications support
472—5-3.4.3 (p)	Unit 5- Modules 5 and 6	Provide technician-level hazard mitigation services
472—5-3.4.3 9(k)	Unit 5	Provide public notification (warning)
472—5-3.4.5	Unit 5-Module 4	Identify the safe operating practices/procedures that are required to be followed at a hazardous material incident
472—5-3.4.5.2	IG 5-4-45 and 5-4-46	Identify the procedures for presenting a safety briefing prior to allowing personnel to work on a hazardous materials incident
472—5-3.4.5.3*	IG 5-4-46 to IG 5-4-52	Identify at least 3 safety precautions associated with search and rescue missions

472—5-3.4.5.4 (a)	IG 5-4-31 to 5-5-9	Absorption
472—5-3.4.5.4 (b)	IG 5-5-9	Adsorption
472—5-3.4.5.4 (d)	IG 5-4-31; IG 5-5-10	Dilution
472—5-3.4.5.4 (e)	IG 5-4-31	Disposal
472—5-3.4.5.4 (g)	IG 5-5-10	Neutralization
472—5-3.4.5.4 (h)	IG 5-5-11	Solidification
472—5-3-3.4	IG 5-4 to 5-44	Identify the physical and psychological stresses that can affect users of personal protective equipment
472—5-4.1.1	IG 1-17; SM 1-6	Identify the role of the IC during an incident involving hazardous materials
472—5-4.3	Unit 5	Providing a focal point for information transfer to media and elected officials
472—5-4.3.1	Unit 5	Identify the local policy for providing information to the media
472—5-6.2	Unit 5- Module 8	Conducting a debriefing
472—5-6.2.1	Unit 5- Module 8	Describe three components of an effective debriefing
472—5-6.2.2	Unit 5- Module 8	Describe the key topics in an effective debriefing
472—5-6.2.3	Unit 5- Module 8	Describe when a debriefing should take place
472—8.1.3 c. 3 to 7	Unit 5 -4- Protection	Identify safety considerations; Conduct safety briefings, Assist in implementation; Maintain communications; Monitor status reports; Ensure the implementation
472—8.1.3 d. 1 and 2	Unit 5 -4- Protection	Evaluate the progress of the planned response to ensure that the response objectives are being met safely by completing the following tasks....
472—8-1.3 a.	Unit 5 Module 5-3	Analyze a hazardous material incident to determine the magnitude of the problem in terms of safety..
472—8-1.3 b.	Unit 5 Mod 5-4	Assist in planning a safe response within the capabilities of available response personnel, personal protective equipment, and control equipment by completing the following tasks.....
472—8-1.3 c.	Unit 6 Plan of Action	Ensure the implementation of a safe planned response consistent with the local emergency response plan, the organization's standard operating procedures, and safety considerations by completing the following tasks.....
472—8-1.3 e. 1.	Unit 5- Module 5-8 Recov	Perform the reporting, documentation and follow-up required of the hazardous materials branch safety officer
472—8-2.1	Unit 5-3 Identification	Determining the magnitude of the problem in terms of safety
472—8-3.1.2*	Unit 5-4 Protection	Identify five safety precautions associated with search and rescue missions at hazardous materials incidents
472—8-3.3	Unit 6 Plan of Action	Assisting in the development of a Plan of Action
472—8-3.5	Unit 5 5-4 Protection	Reviewing selection of personal protective equipment
472—8-3.6.1 (a)	IG 5-4-31 to 5-5-9	Absorption
472—8-3.6.1 (b)	IG 5-5-9	Adsorption

472—8-3.6.1 (d)	IG 5-4-31; IG 5-5-10	Dilution
472—8-3.6.1 (e)	IG 5-4-31	Disposal
472—8-3.6.1 (g)	IG 5-5-10	Neutralization
472—8-3.6.1 (h)	IG 5-5-11	Solidification
472—8-3.7.1*	Unit 5 5-4 Protection	Identify the elements required in an emergency medical services plan
472—8-3.7.2	Unit 5 5-4 Protection	Identify the importance of an on-site medical monitoring program
472—8-3-7	Unit 5 5-4 Protection	Ensuring provision of proper Emergency Medical Services
472—8-4.2.2	Unit 5 5-4 Protection	Identify how the following factors influence heat and cold stress for hazardous materials response personnel....
472—8-6.2.2	Unit 5 5-8 Recovery/Termi	Demonstrate the proper procedure for debriefing hazardous materials branch personnel regarding site-specific occupational safety and health areas of concern
472—8-6.3	Unit 5 5-8 Recovery/Termi	Assisting in the incident critique