

24 Hour HAZWOPER

Sample Matrix

NOTE: The instructor(s) should review the following guidance documents before conducting this class:

- “HAZWOPER Training Guidance Document” (F-038)
- “Online Training Guidance Document” (F-039)
- “Medical Clearance Guidance Document” (F-040)
- “HAZWOPER Hands-on Training Guidance Document” (F-043)

Day	Subject	Recommended Materials	Activities
1	Toxicology, Health Hazards	40-Hr HAZWOPER manual (M-005) and NIOSH Guide to Chemical Hazards (M-008)	Have students look up chemicals they may work with or are exposed to in the NIOSH Pocket Guide
	Hazard Control, Safety Hazards	40-Hr HAZWOPER manual	Lockout/Tagout Kit, GFCI, PPE
	Confined Space	40-Hr HAZWOPER manual and 1910.146 Permit-Required Confined Space Standard (M-061)	CSB Interactive PPT on Valero Plant fatality.
	Emergency Response overview	40-Hr HAZWOPER manual	Review an Emergency Response Plan
	Medical Surveillance	40-Hr HAZWOPER manual	Guest speaker on medical monitoring
	Employers/Employees Rights and Responsibilities	40-Hr HAZWOPER manual (this is covered in Intro to Government Regulations)	
2	HAZCOM	40-Hr HAZWOPER manual, HAZCOM Pocket Guide (M-111), and HAZCOM Pocket Card (M-112)	
	SDS (Safety Data Sheet)	40-Hr HAZWOPER manual	Create or find an SDS label and review the sections
	HASP	40-Hr HAZWOPER manual	Collect a HASP from an employer or use a sample HASP from the OSHA website. Put students in groups and give each a HASP; ask them to go over the 10 elements to see how they are addressed at each site. Each group should cover 3 elements, and then ask the group to discuss these elements.

Day	Subject	Recommended Materials	Activities
	Respiratory Protection, PPE (Personal Protective Equipment)	40-Hr HAZWOPER manual, Respiratory Protection Standard 1910.134 (M-024), APRs, PAPR, SCBA, SAR-E, & couple of filtering face pieces (dust mask)	<p>“NHP Training Video Clips Vol 1 and 2” (D-024) show donning and doffing an SCBA, donning an SAR-E, and entering and exiting a piece of equipment with an SAR-E.</p> <p>Dress out a few students in Levels B and C. Have a couple of students enter and exit a piece of equipment in Level B with an SAR-E. Walk students through donning and doffing PPE suits including gloves, boots, hearing protection, hard hats, etc.</p>
	Decontamination	40-Hr HAZWOPER manual	Print sample decon signs off the Internet and have students put decon signs in order, and then set up a condensed decon line.
3	<p>Hands-on Activities</p> <p><i>NOTE: The NIEHS Minimum Criteria states that there must be at least 6 hours of hands-on or demonstration activities.</i></p>		<p>NIOSH Guide to Chemical Hazards worksheet.</p> <p>Review the Emergency Response Guide Book (ERG).</p> <p>SDS exercises: 1) create an SDS, 2) create a label from a SDS PPE, 3) respiratory protection hands-on, and 4) PPE donning and doffing.</p>