

40-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	Government Regulations	40-Hr HAZWOPER manual (M-005) and HAZWOPER Standard 1910.120 (M-064)	Review questions at end of chapter
	Hazard Controls – Hierarchy of Controls only	40-Hr HAZWOPER manual	
	HASP	40-Hr HAZWOPER manual	Review questions at end of chapter
	Toxicology	40-Hr HAZWOPER manual and NIOSH Guide to Chemical Hazards (M-008)	Review questions at end of chapter
	HazCom-GHS (Globally Harmonized System)	40-Hr HAZWOPER manual, HAZCOM Pocket Guide (M-111), and HAZCOM Pocket Card (M-112)	
	SDSs (Safety Data Sheets)		Review sections of a sample SDS Students create a label from a sample SDS
2	Monitoring & Instrumentation	40-Hr HAZWOPER manual	“Monitoring & Instrumentation” video (D-012) Demonstrate a 4-gas monitor
	Medical Surveillance	40-Hr HAZWOPER manual	
	Confined Space	40-Hr HAZWOPER manual	CSB interactive PPT of the Valero Plant fatality Go over basic criteria that constitute a confined space. Is access to a confined space available? If not, use a sample confined space permit from the OSHA website. Discuss the hazards involved.
	Hazard Control	40-Hr HAZWOPER manual	“Noise: The Invisible Hazard” video (D-008)

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	Drum Handling	40-Hr HAZWOPER manual <i>Suggestion: Use only slides that would possibly pertain to H&P Engineers and/or slides that may pertain to Stationary Engineers.</i>	
3	Respiratory Protection	40-Hr HAZWOPER manual, Respiratory Protection Standard 1910.134 (M-024), HAZWOPER Assessment Tool with donning checklist for APR, SCBA, & SAR-E (F-009), 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>Review questions at end of chapter.</p> <p>Dress some students out in at least Levels B and C; have a couple of students enter and exit a piece of equipment in Level B with an SAR-E.</p>
	PPE	40-Hr HAZWOPER manual	Show examples of PPE such as hard hat, safety glasses, hearing protection, chemical protective clothing (CPC), gloves, etc.
	Decontamination	40-Hr HAZWOPER manual, Four Agency Manual Appendix D (M-030)	<p>Use Appendix D for decontamination layouts from the Four Agency Manual.</p> <p>Print sample decon signs off the Internet and have students put decon signs in order, and then set up a condensed decon line.</p>
4	Dress Out in the a.m.	HAZWOPER Assessment Tool with donning checklist for APR, SCBA, & SAR-E (F-009)	Dress some students out in at least Levels B and C; have a couple of students enter and exit a piece of equipment in Level B with an SAR-E.
	Bloodborne Pathogens	40-Hr HAZWOPER manual	Review questions at end of chapter
	Emergency Response	40-Hr HAZWOPER manual	CSB <i>Ghent Propane Explosion</i> video
	Radiation	40-Hr HAZWOPER manual	<p>“Radiation” video (D-009)</p> <p>Have radiation sources and use the Geiger counter to show radiation activity</p>
5	Heat Stress, Cold Stress	40-Hr HAZWOPER manual	“Heat Stress” video (D-010)
	New Technologies	40-Hr HAZWOPER manual	
	Go Over Any Topics Not Covered Yet		
			“Cotton Plant” video (D-004), this is a good video to wrap up the class. It shows a lot of what EPA did

Day	Subject	Recommended Materials	Activities
			wrong during this cleanup. Have students pick out what they did wrong with suggested recommendations.
	Review all topics		Q&A with discussions
	Final Exam	HAZWOPER Assessment Tool (F-009)	