

8-Hour HAZWOPER Refresher

Sample Matrix

NOTE: The main point to remember when teaching an 8-Hour HAZWOPER Refresher course is to make it as “site specific” as possible: talk about any standard or regulation updates; “lessons learned” from the previous year such as fatalities, near misses, etc.; and communicate any new technologies that have been introduced into the HAZMAT world.

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	8-Hr Refresher manual (M-006) chapter 1	Optional: 8-Hour HAZWOPER Refresher Assessment (F-013) Pretest
	Health and Safety Plan (HASP)	8-Hr Refresher manual chapter 2	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.
	Toxicology, Bloodborne Pathogens, Medical Surveillance	8-Hr Refresher manual chapters 3, 14, and 7	Condense these units and cover just the main points. Possibly have a guest speaker (doctor) to talk about medical surveillance.
	HAZCOM/GHS	8-Hr Refresher manual chapters 4 and 5; and HAZCOM Pocket Guide (M-111), and HAZCOM Pocket Card (M-112)	Have an SDS and/or label from the facility where students work or use a sample SDS from the OSHA website. Review each section and ask questions.
	PPE, Respiratory Protection, Decontamination	8-Hr Refresher manual chapters 9, 8, and 10; and Four Agency Manual Appendix D (M-030)	Show samples of different chemical protective suits and different types of respirators (respirators that are used on the job), and use Appendix D decontamination layouts from the Four Agency Manual. Dress out one student in Level B or C if equipment is available and walk students through donning and doffing.

Day	Subject	Recommended Materials	Activities
	Radiation	8-Hr Refresher manual chapter 11	<p>“Radiation” video (D-009)</p> <p>Go over basic understanding of alpha, beta, and gamma and ways to shield/protect.</p>
	Emergency Response, Confined Space, Material Handling	8-Hr Refresher manual chapters 15, 17, and 16; and the DOT Emergency Response Guidebook (ERG) (may be purchased)	<p>Get an emergency response action plan from an employer and review the sections.</p> <p>Is access to a confined space available? If not, use a sample confined space permit from the OSHA website. Discuss the hazards involved.</p> <p>Is access to drum handling equipment available such as portable dollies, etc.? If possible, get a used drum from that facility and discuss the hazards involved with using the portable dolly with the drum.</p>
	Heat Stress, Cold Stress	8-Hr Refresher manual chapters 12 and 13	<p>“Heat Stress” video (D-010)</p> <p>Optional: 8-Hour HAZWOPER Refresher Assessment (F-013) Posttest</p>