

NEW ENVIRONMENT, INC.

HAZWOPER REFRESHER CERTIFICATION COURSE OUTLINE

© 1999 New Environment, Inc.
All rights reserved

SUBJECT: INTRODUCTION TO COURSE

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 15 Minutes

OBJECTIVES: To explain the training approach to the students and what is to be accomplished from this course.
EX: COMPLETING THE REQUIRED DOCUMENTATION

SUBJECT: REGULATORY OVERVIEW

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 15 Minutes

OBJECTIVES: To give the students an understanding of the regulations that are covered in the course.
EX: A LOOK AT OSHA 1910.120

SUBJECT: HAZARD ASSESSMENT

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 30 Minutes

OBJECTIVES: Explain various hazards associated with working around chemicals. To refresh students on terminology and exposure routes.
EX: CLASSES OF HAZARDOUS CHEMICALS, PHYSICAL FORMS OF CHEMICALS, ROUTES OF EXPOSURE, TOXICITY RATING TERMINOLOGY, ETC.

SUBJECT: FIRE AND EXPLOSION

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 15 Minutes

OBJECTIVES: To introduce methods of measurements, fire classes, and ignition sources.
EX: LOWER EXPLOSION LIMIT, UPPER EXPLOSION LIMIT, ELEMENTS.

SUBJECT: OXYGEN DEFICIENCY

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 15 Minutes

OJECTIVES: To aid students in understanding oxygen deficiency as an atmospheric hazard and in the identification of signs and symptoms associated with exposure.
EX: COMPONENTS OF BREATHING AIR, CAUSES OF OXYGEN DEFICIENCY, SIGNS AND SYMPTOMS.

SUBJECT: POTENTIAL SITE HAZARDS

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 35 Minutes

OJECTIVES: To familiarize students with the different types of job site hazards they encounter and how to protect against them.
EX: IONIZING RADIATION, BIOLOGICAL HAZARDS, SAFETY HAZARDS, ELECTRICAL HAZARDS, ETC.

SUBJECT: REFERENCE MATERIAL EXERCISE

TRAINING AIDS: STUDENT WORKBOOK, and N.A.E.R.G.B.

TIME OF LESSON: 50 Minutes

OJECTIVES: To give students a better understanding of how to use reference sources.
EX: COMPLETE AN EXERCISE

SUBJECT: OSHA STANDARD 1910.146

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 20 Minutes

OJECTIVES: General review of confined space identification and entry procedures and cover requirements.
EX: REQUIREMENTS, EXAMPLES: PIPELINES, SEWERS, ETC.

SUBJECT: MEDICAL MONITORING

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 15 Minutes

OJECTIVES: Familiarize students with the different types of medical monitoring, and the health affects of an exposure.
EX: PRE-EMPLOYMENT SCREENING, PERIODIC MEDICAL EXAM, SIGN AND SYMPTOMS.

SUBJECT: RESPIRATORY PROTECTION

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 40 Minutes

OJECTIVES: To review the different types of respiratory protection.
EX: TYPES: SCBA-SAR-APR

SUBJECT: VIDEO

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 25-50 Minutes

OJECTIVES: To give students further information on Atmosphere Supplying Respirators and Air Purifying Respirator
EX: SHOW ONE OR BOTH VIDEOS

SUBJECT: CHEMICAL PROTECTIVE CLOTHING

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 20 Minutes

JECTIVES: To review the selection and levels of chemical protective clothing.
EX: SELECTING CLOTHING, LEVELS OF PROTECTION, ETC.

SUBJECT: SITE CONTROL

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 15 Minutes

OJECTIVES: To review with students to the basic components of a program to control the activities and movement of people and equipment at a hazardous waste site.
EX: THE ESTABLISHMENT OF WORK ZONES, THE BUDDY SYSTEM.

SUBJECT: DECONTAMINATION

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 15 Minutes

OJECTIVES: To refresh students of the purpose of decontamination and the methods used to perform decontamination.
EX: PHYSICAL, CHEMICAL, BOTH, ETC.

SUBJECT: SITE EMERGENCIES

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 10 Minutes

OJECTIVES: To review the causes of site emergencies and how to prepare for them.
EX: CONTINGENCY PLANS, CAUSES, ETC.

SUBJECT: INCIDENT CRITIQUES

TRAINING AIDS: STUDENT WORKBOOK

TIME OF LESSON: 30 Minutes

OJECTIVES: To provide an opportunity to critique any incidents, which may have occurred in the past year.
EX: SPILLS, FIRES, ACCIDENTS, ETC.

SUBJECT: COURSE REVIEW AND FINAL TEST

TRAINING AIDS: STUDENT WORKBOOK and 20 QUESTION TEST

TIME OF LESSON: 30 Minute Review 20 Minute Test

OJECTIVES: To ensure students understanding of material presented and to provide for a question and answer session. To measure and improve student comprehension of materials presented in the course.
EX: TWENTY QUESTIONS INVOLVING MULTIPLE CHOICE, FILL IN THE BLANK, AND TRUE/FALSE