

## 2.3 TRAINING

The roots of the company, CBA Environmental Services, Inc., are in occupational safety and health training. CBA has developed complete hazardous materials training programs that meet or exceed the requirements of 29 CFR 1910. CBA's training courses are cost effective, well rounded programs which ensure proper training and certification of your employees or organization.

CBA's training staff consists of OSHA, State, and National Fire Academy certified instructors who are all presently members of HAZ-MAT response teams. The combined experience of the staff exceeds 50 years of actual responses and involvement in hazardous material and hazardous waste activities.

CBA's programs are all in full compliance with the appropriate regulations; however, the courses are "custom tailored" to individual facilities. The training programs are not strictly "text book" classes; instead, they take full advantage of the instructor's field experience to relay "tricks of the trade" to the students.

### 2.3.1 "HAZWOPER" Training

CBA offers the following courses to meet the requirements of 29 CFR 1910.120 - Hazardous Waste Operations and Emergency Response, otherwise known as HAZWOPER training:



#### 2.3.1.1 First Responder Awareness Level

This training course provides the students with the knowledge and reference materials to identify hazardous substances, and understand the risks associated with those substances. Students completing this course will understand how to effectively use the North American Emergency Response Guidebook and the NIOSH Pocket Guide to Chemical Hazards. This course emphasizes hazard identification, risk assessment concentrating on pathways of exposure.

#### 2.3.1.2 First Responder Operations Level

This course also meets the appropriate training requirements under 29 CFR 1910.120(q). The program is designed to train employees who will respond to releases of hazardous materials in a limited fashion. This training stresses defensive tactics in spill response and

ensures that the employees understand their role within the employer's emergency response plan. Students completing this course will receive training emphasizing hazard identification techniques; risk assessment procedures; the proper wearing, use, and limitations of their PPE; spill confinement techniques outside of the "Hot-Zone"; and proper decontamination methods.

#### 2.3.1.3 24 Hour Hazardous Material Technician

This program is designed to teach students advanced spill response techniques. The course satisfies the training requirements of 29 CFR 1910.120(q). These individuals are trained in aggressive spill containment and confinement tactics. The course emphasizes haz-mat identification, risk assessment, wearing and using various levels of PPE and respiratory protection, emergency decontamination procedures, and advanced air monitoring techniques.

Students completing this course are prepared to enter the "Hot Zone" and "stop the leak". Students completing this course will become intimately familiar with decontamination procedures and with

conducting emergency response operations within the employer's emergency response plan.



**Tanker Spill Containment Training  
Middletown, PA**

#### 2.3.1.4 Hazardous Materials Specialist

This program also complies with the appropriate requirements of 29 CFR 1910.120(q). CBA provides several customized courses to provide specialized training on specific hazardous substances, such as; chlorine, toluene diisocyanates (TDI), hydrochloric acid, sulfuric acid, cryogenic compounds, and many others. Students completing this training will obtain expertise on the proper handling, risks, dangers, and the proper emergency response procedures for the specific substance on which training is being conducted. Students will understand their role of technical support within the employer's emergency response plan, and will be able to communicate with off-site emergency responders.

#### 2.3.1.5 On-Scene Incident Commander

CBA's Incident Command training course provides students with the knowledge and tools to effectively manage and control an incident in an emergency situation. This course is often combined with CBA's "table top simulator" to create realistic emergency situations. Students completing this course will understand the manageable realm of control and be able to functionally delegate responsibilities to the appropriate individuals. This course concentrates on utilizing the Unified Incident Command System and demonstrates proper critique and follow-up procedures.

### 2.3.1.6 24 Hour Hazardous Waste Worker

This course is targeted for employees or employers engaged in federal, state, or municipally licensed hazardous waste activities; and for operations involving hazardous waste handling, storage, disposal, or treatment. This course meets the requirements established by both OSHA (29 CFR 1910.120) and the EPA for hazardous waste workers at TSD and RCRA sites.

This program follows the outline of the 40 hour course, but it involves slightly less practical, hands-on experience. The emphasis is placed on risk assessment, proper use and wearing of PPE, proper use and wearing of respiratory protection, and decontamination procedures.

### 2.3.1.7 40 Hour Hazardous Waste Site Worker

This course is designed to meet the requirements of 29 CFR 1910.120(e)(3) - initial training for general site workers. The class covers topics from basic “Right-to-Know” standards to advanced air monitoring procedures. The program ensures that the students receive the minimum off-site training required by the regulation, and concentrates on risk assessment, personal protective equipment (PPE), respiratory protection, decontamination procedures, and air monitoring techniques.

Students will receive practical “hands-on” experience with donning and doffing of PPE and respiratory protection, the proper use and limitations of PPE and respiratory protection, setup and operation of a decontamination area, and the use, calibration and limitations of direct reading air monitoring instruments.

A variation of this course, which is tailored to the construction industry and satisfies the requirements of 29 CFR 1910.126, can also be offered.

## **2.3.2 Table-Top Simulator Training**

CBA has designed and constructed a “table-top-city” which has been incorporated into many of the training courses. The city includes industrial, residential, and agricultural areas surrounded by interstate highways, railways, and waterways. Actual and potential emergency incidents are simulated on the table-top creating realistic situations. Students are able to practice decision making within the Incident Command System (ICS) under pressure situations.



Members of the class are assigned roles within the ICS for each different scenario. Two-way radio communications are utilized to augment creating a realistic emergency incident. CBA's instructors will draw upon their experience as firefighters and Haz-Mat responders to incorporate realistic extraneous interference activities, which are a genuine aspect of emergency incidents.

As previously stated, this course can be incorporated with other CBA courses, or it can be presented as a stand-alone training course customized to an individual facility's or organization's training needs.

### **2.3.3 OSHA Subpart Training Courses**

CBA also offers various OSHA Subpart courses. These courses are generally short, and specifically designed to meet the training requirements of the different subparts of 29 CFR 1910. Some of the courses offered by CBA are as follows:

- Industrial Environmental
- Industrial Forklift/Powered Truck
- Lockout/Tagout
- Welding, Cutting, and Brazing
- Industrial Haz-Mat
- Personal Protective Equipment
- Fire Protection
- Machinery and Machine Guarding
- DOT Haz-Mat

#### **2.3.3.1 Confined Space Training**

CBA offers this training course in compliance with 29 CFR 1910.146. Students completing this course will receive training on identifying, permitting, and entering a confined space. Students will understand the specific hazards associated with confined spaces, such as; toxic, explosive, and asphyxiating atmospheres. The course includes practical, hands-on training for entering a confined space and confined space rescue. Upon completion of the class, students will also understand the roles of the entrant, attendant and supervisor within the employer's permit-required confined space program.

