

ASBESTOS TRAINING OUTLINE



I. INTRODUCTION

A. Course Overview

Provide a brief discussion on topics that will be covered and how these topics are integral parts of an asbestos abatement project.

B. Facts

1. What is asbestos and where does it come from?

The public is often confused about the source of asbestos. Asbestos is a mineral rock mined from the earth as is iron, lead and copper. However, instead of crushing into dust particles, it divides into millions of fine fibers. And since asbestos exhibits tremendous resistance to heat and chemicals, this product has been used for a variety of commercial and industrial purposes. In fact, asbestos has been used in more than 3,000 products. Asbestos use in the USA did not start to decline until the 1973-78 EPA bans on spray-applied materials and the building recession which happened during the same period.

2. What are the factors behind the "asbestos problem?"

Diseases and deaths associated with exposure to asbestos fibers.

Three major respiratory diseases: asbestosis, lung cancer, and mesothelioma (give explanation of what each is)

II. Pre-work activities/considerations

- A. Look at job site
- B. Establish what is needed to perform job efficiently and safely; encapsulation, removal
- C. Determine what equipment is to be used and how

III. Medical surveillance program

IV. Protecting the worker - respiratory program, protective clothing

V. Preparing the work area

VI. Confining and minimizing airborne fibers

VII. Air sampling requirements

VIII. Cleaning up the work area

- IX. Waste disposal requirements
- X. Post-removal encapsulation and spray back procedures
- XI. Glove bag techniques for removal of pipe insulation
- XII. Overall pick-up activities (after insulation has fallen)

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