

# **APPENDIX K - SECTION 13360 - WORKING IN AN ASBESTOS CONTAMINATED DIRT FLOOR CRAWLSPACE**

## **PART 1 - GENERAL**

### **1. Description of Work**

1.1. This section covers the methods for entering, conducting work and exiting a contaminated crawlspace.

1.2. Work under this section shall be performed by or under the direction of the contractor providing work under other sections.

1.3. The contractor shall have a competent person on site during all asbestos related work as defined by MN OSHA Regulation 29 CFR 1926.1101. The competent person training is equivalent to 16 hours in a manner consistent with EPA requirements for training of local education agency maintenance and custodial staff. All workers shall be trained according to OSHA regulations.

1.4. OSHA 29 CFR 1926.1101 shall be adhered to during the project. This regulation contains information concerning training requirements, personal protective equipment, methodologies, medical surveillance and personal air-monitoring measures.

1.5. EPA Regulation 40 CFR, National Emissions Standard for Hazardous Air Pollutants (NESHAPS) as revised in November 1990 shall be adhered to during work under this section. Special attention shall be placed on Part 61, Subpart M, Section 61.145 and Section 61.150. This regulation contains information regarding training requirements, notification, removal procedures and disposal.

**2. Related Work Specified Elsewhere:** Refer to Appendix K - Section 13280 - Hazardous Materials Procedures.

**3. Submittals:** The contractor shall submit the following to the project architect:

- A. Name, experience, and training of the person to be designated the competent person as defined by OSHA
- B. Evidence of training for all employees providing work under this section
- C. Copies of personal sampling results, adhering to OSHA rules and regulations intending to be used as a negative exposure assessment
- D. A physician's written opinion that indicates the worker's ability to don a respirator and work with asbestos-containing chemicals
- E. A certificate of disposal using an approved waste manifest

## **PART 2 - PRODUCTS**

There are no products specified.

## **PART 3 - EXECUTION**

### **1. Performing Work Activities in Controlled Access Crawlspace**

- 1.1. Place a 6-mil polyethylene drop cloth adjacent to the crawlspace entrance. At least one disposal bag shall remain on the drop cloth outside of the crawlspace.
- 1.2. At a minimum, every employee entering the contaminated crawl space shall wear a respirator and disposable coveralls.
- 1.3. Employees shall stand on the drop cloth during decontamination. The employees shall mist their protective clothing with amended water, then HEPA-vacuum the protective clothing. Next, the clothing shall be removed by carefully rolling it away from the body and placing it in a properly labeled asbestos disposal bag. Mist and carefully fold the drop cloth and disposable rags, then place in a disposal bag. Remove barrier tape or signs and place with disposal bag into second bag and affix an EPA label to the outside.
- 1.4. Remove respirator and proceed to wash station to wash hands and face.
- 1.5. The contractor shall dispose of asbestos-contaminated materials at an approved landfill site. The truck used to transport materials must have appropriate DOT labeling (during loading and unloading), and be covered during transportation.
- 1.6. Approved landfills in Minnesota for asbestos-containing materials are Elk River Landfill, Inc., 22460 Highway 169, Elk River, (612) 441-2464; and Pine Bend Sanitary Landfill, 2495 East 117th Street, Inver Grove Heights, (612) 457-8655. Alternate landfills may be approved upon submittal of requests to Facilities Management Hazardous Material program manager.

### **End of Appendix K - Section 13360 - Working in an Asbestos Contaminated Dirt Floor Crawlspace**

**University of Minnesota Facilities Management  
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