

# **APPENDIX K - SECTION 13340 - IMPACTING AN ASBESTOS CONTAINING MATERIAL WHILE DRILLING**

## **PART 1 - GENERAL**

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

1.1. This section covers methods for impacting an asbestos-containing material via drilling, and the disposal of the removed asbestos-containing materials at an approved asbestos landfill.

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 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.

1.6. Do not damage other material or contaminate adjacent areas when drilling. If damage or contamination occurs, the material or area shall be restored to its original condition.

**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. Copies of personal sampling results, adhering to OSHA rules and regulations

- intending to be used as a negative exposure assessment
- C. A physician's written opinion that indicates the worker's ability to don a respirator and work with asbestos-containing materials
- D. A certificate of disposal using an approved waste manifest

## **PART 2 - PRODUCTS**

There are no products specified.

## **PART 3 - EXECUTION**

### **1. Performing Work Activities that Impact Asbestos-Containing Materials While Drilling and Disposal**

- 1.1. Isolate the work area with either OSHA-approved barrier tape or signs.
- 1.2. Place a 6-mil polyethylene drop cloth below the impact point.
- 1.3. All employees working in the vicinity of the drilling area shall wear the proper personal protection equipment in accordance with OSHA regulations.
- 1.4. Holes shall be drilled using a local exhaust drill shield attached to the drill body and a HEPA-filtered vacuum cleaner.
- 1.5. Visible debris shall be cleaned up immediately with a HEPA vacuum or using a wet-wipe technique.
- 1.6. The contractor shall dispose of asbestos-containing materials on a regular basis at an approved landfill site. The truck used to dispose of the materials must have appropriate DOT labeling (during loading and unloading), and be covered daily and during transport.
- 1.7. 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 St., Inver Grove Heights, (612) 457-8655. Alternative landfills may be approved upon submittal of request to the Facilities Management Hazardous Material program manager.

### **End of Appendix K - Section 13340 - Impacting Asbestos Containing Material while Drilling**

**University of Minnesota Facilities Management  
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