

## **Basis of Design**

The purpose of this section is to provide guidelines for the development of specifications for asbestos surveys for any major renovation of a building as well as protection of adjacent work-sites and workers, worker safety while handling asbestos and proper waste disposal. Asbestos work must be in coordination with the APS 12.1, Managing Asbestos and Other Regulated Building Materials, and the Asbestos Management Plan.

### **Overview**

This applies to new construction and renovation projects. Asbestos is a stringently regulated hazardous material and many requirements apply, as outlined below.

### **Environmental Consultant – Public Works Projects**

Public Works Construction projects which impact existing building materials must include an environmental consultant to survey all areas impacted by construction for asbestos containing material and, if needed, develop a plan for removal and disposal. Project managers are encouraged to employ one of the consultants on term contract with the Capital Planning and Development (CPD) for this work.

The CPD Project Manager can choose to use the University term asbestos abatement contractor to perform asbestos abatement in public works projects when all of the following conditions apply:

- **Cost:** The total cost of abatement and asbestos disposal is less than \$300,000.
- **Complexity:** The scope of the work is easily identified, abatement is localized and the risk of discovery of more asbestos is low.

The responsible UW Construction Manager may also authorize use of the UW Seattle asbestos term contractor for an emergency (i.e., the project abatement contractor is not immediately available and action must proceed immediately to protect building materials, utilities or human health).

The scope of the abatement work must be specified through a written Work Order issued by the University Designated Person. Costs associated with the term asbestos abatement contractor's abatement services will be charged to the project.

### **Asbestos Surveys**

An asbestos survey (also known as a "good faith inspection") of the project work site must be conducted by an Asbestos Hazard Emergency Response Act (AHERA) accredited building inspector to determine if asbestos containing materials are present. The University must provide a written asbestos survey to all contractors submitting a bid to undertake any project work, before a bid is submitted. Failure to comply with these requirements may subject the University to fines and delays. Don't assume that any building (new, old or renovated) is asbestos-free.

For all projects impacting existing building materials, a copy of the asbestos survey must also be included in an appendix of the contract documents. The asbestos survey (or an executive summary of the findings, prepared by the AHERA building inspector) must also be posted at the project site.

## **Asbestos Awareness Training**

All workers onsite who are involved in demolition, construction, installation or excavation activities must have, at a minimum, current Asbestos Awareness Training, as required by WAC 296-62-07722(6).

## **Notification of Occupants**

UW building coordinators must be notified of all proposed asbestos abatement to be conducted within their assigned building. The building coordinator should also be advised that they are responsible for ensuring that building occupants in areas affected by and adjacent to asbestos abatement activities are notified of those activities. Contact information for the UW Construction Manager must be posted at the site of asbestos abatement.

## **Agency Notification**

The Contractor must submit appropriate asbestos abatement notifications to the appropriate local air pollution control authority and the Department of Labor and Industries (L&I) at least ten (10) days prior to any asbestos abatement project start up. The local air pollution control agency for King, Kitsap, Pierce and Snohomish Counties is the Puget Sound Clean Air Agency (PSCAA).

The Contractor must maintain copies of the abatement notification forms at the project site throughout the asbestos abatement work.

## **Discovery of Unanticipated Asbestos**

Building materials encountered during renovations or demolitions that are not identified on the asbestos survey and are suspected to contain asbestos must be avoided and not impacted. A stop work order must be instituted and the UW construction manager notified. These building materials should be surveyed for asbestos (same as above), and necessary abatement completed by a qualified contractor. Work may resume after the asbestos materials are removed.

If asbestos-containing materials have been impacted and an uncontrolled release occurs, EH&S must be notified immediately to evaluate the area. If there is an exposure concern, the affected personnel should fill out an Online Accident Reporting System (OARS) incident report.

In addition, related waste material must be inspected to verify that no asbestos-containing material has been disposed of improperly (see below).

## **Disposal**

In the State of Washington, asbestos is a regulated waste and the following procedures must be followed:

- Asbestos waste is contained (wet, double bagged, address of owner recorded on the bags)
- Procedures are in place for transporting waste
- Asbestos waste is promptly disposed of at a site on the [List of UW-Approved Disposal Sites](#).
- The Waste Shipment Record is kept in the project's permanent files

On the Seattle campus, if necessary, container placement and disposal may be arranged through UW Recycling, Building Services.

## **New Materials Containing Asbestos**

UW does not allow new asbestos-containing materials to be used. Some materials still contain asbestos, so specify that these materials are to be avoided.