

# OSU Asbestos Management Program

## Unit-Level Procedure

October 6, 2021

### Purpose

To minimize the risk of personnel exposure to asbestos.

### Definitions

#### **ASBESTOS-CONTAINING MATERIALS (ACM)**

Any materials containing more than one percent asbestos. A few common examples of ACM include: pipe and boiler insulation (TSI), sprayed on fire proofing, troweled or acoustical plaster, floor tiles and mastic, linoleum, transite shingles, transite lab bench tops, roofing materials, wall and ceiling plaster, joint compound, ceiling tiles, blackboards, mastics, and gasket materials.

#### **ASBESTOS-CONTAINING FLOORING MATERIAL (ACFM)**

This group includes vinyl asbestos tile (VAT), linoleum and/or the mastic that adheres the VAT or linoleum to the sub-floor.

#### **PRESUMED ASBESTOS-CONTAINING MATERIALS (PACM)**

Any surfacing material, TSI, or resilient floor coverings present in buildings constructed prior to 1980 are assumed to contain greater than one percent asbestos unless they have been sampled to negate the presence of asbestos.

#### **SMALL OPERATIONS AND MAINTENANCE ACTIVITY**

Any activity conducted by the University's in-house trained asbestos workers that requires the abatement of less than 3 linear feet or 3 square feet of known or assumed asbestos containing materials.

#### **SUSPECT ASBESTOS-CONTAINING MATERIALS**

Any material that may contain more than one percent asbestos, but has not been sampled and tested to determine its asbestos content.

### Policy

All asbestos-containing materials in University owned buildings and facilities should be managed to minimize the exposure of University personnel, students, guests, visitors, and contract employees to asbestos. All activities that may impact, disturb or dislodge asbestos fibers are to be conducted and abated in a manner consistent with the procedures below and in compliance with applicable State and Federal asbestos abatement regulations.

Oregon OSHA asbestos exposure hazard communication requirements include the following:

- Asbestos surveys are performed to identify asbestos-containing material (ACM) or presumed asbestos-containing material (PACM).
- Asbestos-survey records are being maintained and employees and contractors are informed about the location of ACM and PACM.
- ACM and PACM are being labeled.
- Employees who are potentially exposed to ACM and PACM are informed about potential exposures and asbestos awareness training is provided.
- Periodic checks of ACM and PACM are performed to determine deterioration and if deterioration is detected action is taken to remove, repair, or encapsulate the material.

## Procedure

1. Facilities Services and Environmental Health & Safety (EH&S) shall provide oversight of the OSU Asbestos Management Program which establishes asbestos operations, maintenance, and inspection procedures.
2. Prior to the start of any renovation and/or demolition project, excluding small operations and maintenance activities, Facilities Services must be contacted to coordinate a survey for suspect and known asbestos containing materials in the project area. Any suspect asbestos containing material identified in the project area, that may be impacted or disturbed, must be either sampled and tested to determine its asbestos content or assumed to contain asbestos and managed as an asbestos containing material. Small operations and maintenance activities do not need to be coordinated through Facilities Services.
3. Any materials known or identified to be ACM that will be impacted or disturbed as a result of renovation or demolition activity must be properly abated in accordance with Department of Environmental Quality Regulations, and Oregon Occupational Safety and Health Administration Asbestos Standards. Facilities Services will determine the proper abatement methods to be used. Typically, asbestos abatement at OSU is conducted by outside private contractors.
4. Asbestos abatement projects, excluding small operations and maintenance activities, must be coordinated by Facilities Services and supervised and monitored by an Oregon Full-Scale Supervisor. Small operations and maintenance activities do not need to be supervised and monitored unless they are completed in public areas. Examples of public areas include, but are not limited to, offices, classrooms, auditoriums, conference rooms, hallways, bathrooms, living spaces, common building areas and laboratories. Any exceptions to the supervision and monitoring requirement must be determined on a case by case basis by Facilities Services.
5. Any University employee who may disturb ACM or PACM as part of their job shall receive asbestos awareness training and refresher training every 3 years thereafter.

6. Typically, asbestos abatement at OSU is conducted by outside private contractors. University employees who are required to perform asbestos abatement activities must be certified by the State of Oregon as asbestos abatement supervisors or workers. All abatement activities need to be monitored by a State of Oregon asbestos abatement supervisor.
7. Any University employee who will be exposed at or above the OSHA PEL and/or excursion limit shall receive appropriate asbestos training annually and medical monitoring per OR-OSHA regulations. This condition is typically not expected, as abatement activities will occur via a private contractor.
8. Any University employee or contractor that identifies any damaged, suspect or known asbestos containing materials shall notify Facilities Services immediately upon identification. Facilities Services will assess the situation, isolate and post the affected area from further personnel entry, arrange for the appropriate corrective actions, and notify the regulatory agencies as necessary.
9. If damaged asbestos is suspect to have impacted ambient air quality and is located in an area that was accessed by personnel during its damaged condition, ambient air samples shall be taken before and after abatement in order to assess potential impact to personnel safety.
10. Asbestos consultants that are contracted by the University to prepare asbestos abatement specifications, conduct facility surveys for ACM, monitor asbestos abatement projects and analyze bulk and air asbestos samples shall be pre-approved by OSU Procurement & Contracts.
11. Asbestos abatement contractors that are contracted by the University to complete asbestos abatement projects shall be pre-approved by OSU Procurement & Contracts.
12. Any ACFM adhered to a concrete sub-floor will be removed prior to the installation of new flooring materials. Any ACFM adhered to a wood sub-floor will either be removed or a new underlayment will be secured to the wood sub-floor through the VAT or linoleum prior to the installation of new flooring materials.
13. As a general rule, the cost of required asbestos abatement is to be funded by the organization that has the maintenance responsibility for the building. For example, Facilities Services is responsible for funding asbestos abatement in all education and general fund buildings, unless it is a departmental requested elective improvement. Other organizations such as University Housing & Dining, the Memorial Union, Agricultural Experiment Stations, etc. are responsible for funding asbestos abatement in their buildings. However, the cost of any associated asbestos abatement will be incorporated into the cost of any renovation or remodeling project regardless of its size or funding source.

### Additional Resources

[Asbestos Awareness Training – Safety Instruction](#)

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