



Asbestos Clean-up Procedure

This procedure is applicable to all clean-up or remediation of incomplete removal of regulated asbestos-containing materials and contamination resulting from improper removal.

The process may be initiated at any time following the discovery of improper removal or disturbance of regulated materials. If not initiated prior to issuing a Notice of Violation and Order to Comply, the order will require this process.

Assessment and defining the scope of the contamination

A Utah certified asbestos inspector (inspector) must be hired by the owners and operators to perform a comprehensive evaluation to determine the original location of the regulated asbestos-containing material and all areas impacted by the improper handling of that material.

The inspector will define the area of asbestos contamination and mark all locations with barrier tape and warning signs to deter public access until the completion of clean-up activities.

The inspector will produce an asbestos survey report including:

1. identification of all asbestos-containing materials that remain in place including a description of the physical appearance and a description of the location and condition of these materials;
2. a determination of all contaminated areas with sufficient description and labeling to determine the scope of abatement activities to remove all visible asbestos contamination. For this purpose, the threshold is visible "asbestos waste" meaning that the 1% threshold for asbestos-containing material does not apply.
3. an evaluation of adjacent areas including air handling units, ducting and surfaces where asbestos fibers may be present;
4. a description of the location and status of all asbestos waste on site and any materials that have been transported from the site.

Copies of this report will be provided to the Division of Air Quality (DAQ), any contractor working on site and a copy shall remain on site and be available to all persons with access. The owner and operators must prevent persons from entering the asbestos-contaminated area defined by the certified asbestos inspector. If the contamination extends beyond the property of the owner, all affected property owners or municipalities must be notified and involved in the planning and coordination of clean-up activities.

Clean-up project design

The owner and any contractors involved in the improper removal of asbestos will develop a project design to address all areas of contamination identified by the asbestos inspector. This plan must be developed by a Utah certified project designer familiar with asbestos regulations and abatement work practices.

The minimum requirements include:

1. the work practices contained in R307-801 and 40 CFR 61 subpart M, apply to the cleanup activities including the requirements for negative pressure enclosure and decontamination facilities;
2. all visible asbestos waste debris will be wet cleaned and containerized for disposal;
3. all surfaces within the contaminated area will be wet wiped and HEPA vacuumed;
4. any damaged or disturbed asbestos-containing material remaining in place following the improper or incomplete removal will be removed.

The clean-up plan must be submitted in writing to the DAQ and accepted by the DAQ prior to commencing the clean-up activities. Activities to prevent further contamination or public exposure may begin prior to acceptance of the clean-up plan.

Clean-up activities

If the contamination is in an area where wind or other activities may continue to disperse the material, wetting and clean-up activities should begin as soon as possible following the inspection.

Written notification and the payment of all applicable fees is required prior to commencing the clean-up activities. For the purpose of clean-up activities the 10-day waiting period may be waived for the project.

A Utah certified asbestos abatement contractor must be hired to complete all clean-up activities using the project design and all requirements of R307-801 and 40 CFR 61 subpart M.

Project Clearance

Contact a member of the asbestos staff (not voice mail) at the DAQ during normal business hours at least 24 hours prior to the completion of the project. If the project involves multiple phases, notify the DAQ 24 hour prior to the completion of any phase of the project.

At the completion of wet cleaning/HEPA vacuuming and prior to lock-down encapsulation or removing any barriers the project area must be inspected by a Utah certified asbestos inspector hired by the owners and operators. When the certified inspector determines that all material addressed in the survey report has been removed or treated according to the work plan, the area may be sprayed with a lock-down encapsulant and the barriers may be removed. Following the removal of all barriers and with the

certified abatement contractor on site, the inspector must clear the site ensuring that all materials have been addressed according to the project design and applicable asbestos regulations.

Project Report

Upon completion of the clean-up project the owner and any contractors involved in the improper removal of asbestos will prepare and submit to the DAQ a project closing report containing:

1. a summary of the clean-up activities;
2. a statement that the site is now in full compliance with applicable asbestos regulations and that no visible contamination remains;
3. the names and certification information for all contractors and consultants participating in the clean-up activities, and
4. a summary of all expenditures incurred through the clean-up activities.

This report must be submitted no later than 10 days following the completion of clean-up activities.