



ASBESTOS NESHAP FACT SHEET FOR RENOVATION AND DEMOLITION PROJECTS

This fact sheet includes a summary of the Environmental Protection Agency's (EPA's) asbestos regulations under the National Emission Standards for Hazardous Air Pollutants (NESHAP). Relevant sections of the regulations are bracketed for reference. The regulations are in the Code of Federal Regulations at 40 C.F.R. Part 61, Subpart M.

The asbestos NESHAP regulations apply to:

- all public, commercial, industrial, or institutional structures.
- ships.
- active or inactive waste disposal sites.
- residential buildings with more than four units.
- single family homes to be burned for training purposes.
- two or more single family homes on a single site to be demolished or renovated for commercial purposes.

The NESHAP regulations apply jointly to owners and operators at a facility. Worker health and safety regulations also apply to asbestos projects. Other Federal, State, and local agencies may have asbestos management requirements. Schools are subject to additional EPA requirements under the Asbestos Hazard Emergency Response Act (AHERA). The asbestos worker and inspector certification requirements referenced below can be found in the Asbestos Model Accreditation Plan (MAP), at 40 C.F.R. Part 763, Subpart E, Appendix C.

Definition:

Regulated Asbestos-Containing Material (RACM): Friable asbestos material; non-friable material that has become friable; non-friable asbestos material that has been or will be subject to sanding, grinding, cutting, or abrading; or non-friable asbestos material that has a high probability of becoming crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation.

Prior to/During Demolition or Renovation of a "facility":

1. Thoroughly inspect all areas that will be affected by the renovation or demolition operation. Inspection and sampling must be performed by an AHERA Certified Inspector. [61.145(a)]
2. Submit notification form to EPA ten (10) working days (Monday through Friday) prior to starting work. [61.145(b)]

- a. Notify for any demolition project (removal of load bearing member or structure), even if no asbestos is present.
- b. Notify for renovations involving removal or disturbance of more than 260 linear feet or 160 square feet of RACM.
3. Remove all RACM from the affected areas. [61.145(c)]
 - a. RACM must be removed by AHERA certified workers, and a certified asbestos supervisor must be on site.
 - b. RACM must be removed using wet methods, and no visible emissions are allowed during removal.
 - c. If a building is to be demolished by intentional burning and more than 260 linear feet or 160 square feet of asbestos-containing material (friable or non-friable) is present in the building, all asbestos-containing material, including non-friable asbestos, must be removed in accordance with the NESHAP prior to burning.

Waste Disposal: [61.150]

1. No visible emissions to the outside air are allowed during collection, packaging, transportation, or deposition of asbestos-containing waste material.
2. RACM must remain adequately wet until placed in a sealed, leak-tight container that is marked with the Occupational Safety and Health Administration (OSHA) required warning label, and must be labeled with the waste generator's name and the location at which the waste was generated.
3. Vehicles used to transport asbestos-containing waste material must be marked during loading and unloading. Signs must conform to [61.149(d)].
4. Maintain waste shipment records for all asbestos-containing waste material.
5. Dispose of all asbestos-containing waste material at a certified asbestos landfill, operated in compliance with [61.154]. A copy of the waste shipment record must be provided to the disposal site operator at the time the waste is delivered.

This fact sheet is intended to provide general information only. It should not in any way be interpreted to alter or replace the actual regulations. You can download a full text version of the regulations from the internet at <http://www.access.gpo.gov/nara/cfr/cfr-retrieve.html#page1> At the prompt, search for 40 C.F.R. Part 61, Subpart M.

You may also get more information by contacting EPA's Region 10 Public Environmental Resource Center and asking to speak to someone about asbestos: (206)-553-1200.