

DEMOLITION OF A BUILDING/STRUCTURE

No Asbestos

Requirements

No MIOSHA Asbestos Requirements

- MIOSHA Part 20 Demolition, Construction Safety Standard Requirements
- **NESHAP Requirements (Notification)**

Asbestos

Requirements for Class I

TSI & Surfacing Materials

- Licensed asbestos abatement contractor or exempt licensed trade group (i.e., residential builder or residential maintenance and alteration contractor)
- Project notification if project > 10' or 15 ft²
- 40-hour initially trained/accredited competent person and 8-hour annual refresher training/accreditation - accreditation excludes residential <10 units and exterior ACM
- 32-hour initially trained/accredited worker(s) and 8-hour annual refresher training/accreditation - accreditation excludes residential <10 units and exterior ACM
- Regulated area (restrict access to work site)
- Personal air monitoring or NEA
- Wet methods
- Decontamination unit (shower > 25' or 10 ft², drop cloth, & HEPA vacuum < 25' or 10ft²)
- Respirators*
- Medical surveillance**
- PPE***
- Waste disposal (sealed impermeable bags/containers)
- Waste transport requirements, if friable (USDOT Hazardous Materials for Asbestos, 49 CFR Parts 100-180)
- Engineering controls for partial interior demolition and pre-building demolition interior removals [isolation/containment, see Part 602, 29 CFR 1926.1101 (g)(4) and (5)]
- Engineering controls for demolition of building where ACM remains [see Part 602, 29 CFR 1926.1101 (g)(6)]
- **NESHAP Requirements**

Requirements for Class II

1 Non-Intact Class II ACM

- (i.e., roofing materials, flooring materials, siding materials, ceiling tiles, or transite materials)
- Licensed asbestos abatement contractor or exempt licensed trade group (i.e., residential builder or residential maintenance and alteration contractor), if friable
 - Project notification of friable project > 10' or 15 ft²
 - 40-hour initially trained competent person and 8-hour annual refresher training
 - 8 or more hours initial worker training and annual refresher training
 - Regulated area (restrict access to work area)
 - Personal air monitoring or NEA
 - Wet Methods
 - Decontamination unit (drop cloth + HEPA vacuum) if no NEA
 - Respirators*
 - Medical surveillance**
 - PPE***
 - Waste disposal (sealed impermeable bags/containers)
 - Waste transport requirements, if friable (USDOT Hazardous Materials for Asbestos, 49 CFR Parts 100-180)
 - Engineering controls for partial interior demolition and pre-building demolition interior removals [isolation/containment, see Part 602, 29 CFR 1926.1101 (g)(7) and (8)(i)-(v) for specific controls]
 - Engineering controls for demolition of building where ACM remains [see Part 602, 29 CFR 1926.1101 (g)(8)(vi)]
 - **NESHAP Requirements**

More than 1 Non-Intact Class II ACM

- (i.e., roofing materials, flooring materials, siding materials, ceiling tiles, or transite materials)
- Licensed asbestos abatement contractor or exempt licensed trade group (i.e., residential builder or residential maintenance and alteration contractor), if friable
 - Project notification of friable project > 10' or 15 ft²
 - 40-hour initially trained/accredited (if friable) competent person and 8-hour annual refresher training/accreditation - accreditation excludes residential < 10 units and exterior ACM
 - 32-hour initially trained/accredited worker(s) and 8-hour annual refresher training/accreditation on friable projects - accreditation excludes residential < 10 units and exterior ACM
 - > 8 hours worker initial training and annual refresher training (non-friable)
 - Regulated area (restrict access to work area)
 - Personal air monitoring or NEA
 - Wet methods
 - Decontamination unit (drop cloth + HEPA vacuum) if no NEA
 - Respirators*
 - Medical surveillance**
 - PPE***
 - Waste Disposal (sealed impermeable bags/containers)
 - Waste transport requirements, if friable (USDOT Hazardous Materials for Asbestos, 49 CFR Parts 100-180)
 - Engineering controls for partial interior demolition and pre-building demolition interior removals [isolation/containment, see Part 602, 29 CFR 1926.1101 (g)(7) and (8)(i)-(v) for specific controls]
 - Engineering controls for demolition of building where ACM remains [see Part 602, 29 CFR 1926.1101 (g)(8)(vi)]
 - **NESHAP Requirements**

*Respirators

- Mandatory if
- Non-intact removal, or
 - No NEA, or
 - > PEL, or
 - Dry removal (except for intact roofing where NEA obtained), or
 - In emergencies, or
 - Class I

**Medical Surveillance

- Mandatory if
- Wearing negative-pressure respirator, or
 - Exposed >= PEL >= 30 days of work/year, or
 - Class I, II, or III work >= 30 days/yr.

***PPE

- Mandatory if
- Class I if > 25' or 10 ft², or
 - < 25' or 10ft² and No NEA, or
 - > PEL

Key:

- **ACM:** Asbestos-Containing Material
- **PACM:** Presumed Asbestos-Containing Material
- **HEPA:** High Efficiency Particulate Air
- **NEA:** Negative Exposure Assessment
- **>PEL:** Greater than Permissible Exposure Limits
- **>=PEL:** Greater than or equal to Permissible Exposure Limits
- **PPE:** Personal Protective Equipment (i.e., protective clothing)
- **TSI:** Thermal System Insulation

Definitions:

Intact: means that the ACM has not crumbled, been pulverized, or otherwise deteriorated so that asbestos is no longer likely to be bound to its matrix (Part 602).

Friable: means ACM that can be crumbled, pulverized, or reduced to powder when dry, by hand pressure (Act 135 and Act 440).

Asbestos-Containing Material: means any material containing more than one percent asbestos.

Accredited: means individuals accredited under the Asbestos Workers Accreditation Act (Act 440, P.A. 1988, as amended).

Demolition: means wrecking or taking out of any load-supporting structural member and any related removing or stripping of friable asbestos material (Act 135)/asbestos products (Part 602).

Class I Asbestos Work: means activities involving the removal of TSI and surfacing ACM or PACM (Part 602).

Class II Asbestos Work: means activities involving the removal of ACM which is not TSI or surfacing material (Part 602).