**Asbestos-Containing Material Present**

**Requirements for Class I**
- All Other ACM

**Requirements for Class II**
- Licensed asbestos abatement contractor or exempt licensed trade group performing asbestos abatement work incidental to primary licensed trade and <260' or 160 ft² and work contracted out

**Requirements for Class III**
- At least 2 hour initial and annual refresher training

**Requirements for Class IV**
- Material ACM/PACM is being disturbed, or
- ACM applied to piping, including TSI and surfacing ACM or PACM, may be disturbed

**Definitions**
- Asbestos-Containing Material: means any material containing more than one percent asbestos by weight

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**Respirators**
- Mandatory if:
  - Class I or Class II if substantially non-intact removal, or
  - Class II if < 10 ft², or
  - Class II if < 15 ft² (except for intact sloped roofing projects where NEA obtained), or
  - In emergencies, or
  - In interior asbestos work when TSI or Surfacing Material ACM/PACM is disturbed, or
  - Class IV if < 30 ft², or
  - Class I or II if in regulated area

**Protective Clothing**
- Mandatory if:
  - Class I or Class II if substantially non-intact removal, or
  - Class II if < 10 ft², or
  - Class II if < 15 ft² (except for intact sloped roofing projects where NEA obtained), or
  - In emergencies, or
  - For non-friable or intact Class II materials other than those above, no specified time for initial or refresher training

**Medical Surveillance**
- Mandatory if:
  - Class I or Class II if substantially non-intact removal, or
  - Class II if < 10 ft², or
  - Class II if < 15 ft² (except for intact sloped roofing projects where NEA obtained), or
  - In emergencies, or
  - For non-friable or intact Class II materials other than those above, no specified time for initial or refresher training

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**NESHAP Requirements**
- Contact DEQ

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**MOISHA Asbestos Requirements**
- MIOSHA Part 20 Demolition, Construction Safety Standard Requirements
- National Environmental Standards for Hazardous Air Pollutants (NESHAP) Asbestos Requirements
- Notification requirements of a facility - confirm applicability with Department of Environmental Quality's (DEQ)'s Air Division.
- No NESHAP Asbestos Requirements on renovations.

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**NIOSH Regulations:**
- Act 135, Asbestos Abatement Contractors Licensing Act, P.A. 1986, as amended
- Act 440, Asbestos Workers Accreditation Act, PA, 1988, as amended
This brochure is provided as a general summary of the responsibilities of demolition and renovation contractors in regard to asbestos materials. Asbestos abatement contractors must follow the Michigan Administrative Code (M. Admin. Code) for Asbestos Abatement (252:23, 252:24) and the Michigan Occupational Safety and Health Administration (MIOSHA) asbestos regulations. This brochure does not address the specific disturbance of Asbestos-Containing Materials (ACM).

Before starting a demolition operation, an employer shall ensure that all of the following are done:

(a) An engineering survey of the structure and equipment is conducted by a competent person knowledgeable in demolition to determine:
   (i) The condition of the foundation, roof, walls, and floors.
   (ii) Whether any adjacent structure will be affected by the demolition.
   (iii) The utility service entering the building.
   (iv) Any other conditions and equipment affecting the safety of an employee.

(b) Ensure that there is a written report of the engineering survey at the field office until the completion of the job. The report shall include information such as the name of the person conducting the survey, date of the survey, and hazardous substances and dangerous conditions found and their location.

Background of Asbestos

Asbestos is the name of a group of naturally occurring minerals that can separate into microscopic needle-like fibers. The most common of these minerals are Chrysotile, Amosite, and Crocidolite. Once released into the atmosphere, the size and shape of these fibers permit them to remain airborne for long periods of time and thus contaminate the building environment.

Asbestos workers may develop several asbestos-related diseases, including: Lung Cancer, Mesothelioma (a cancer of the lining of the chest or abdominal cavity). These diseases do not develop immediately after inhalation of asbestos fibers but typically have a latency period ranging from 15 to 30 years and sometimes as long as 40 to 50 years from first exposure before symptoms appear.

The Michigan Department of Licensing and Regulatory Affairs' Asbestos Program (252:23, 252:24) requires that a thorough asbestos inspection is conducted by a competent person before beginning the project. Exempt licensed trade that do not exceed 260 linear feet or 160 square feet on the building debris).

To minimize obligations under MIOSHA, whether the facility contains Class I or Class II asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements for demolition and renovation involving ACM, demolition and/or renovation involving the removal of ACM, demolition and/or renovation involving the removal of where the asbestos is known to this agency.

The Department of Labor is a proud partner in the Partnership for Safety. Our partnership is based on the principles of health and safety, accountability, and transparency. We encourage you to take a proactive role in the prevention and control of workplace injuries and illnesses. This brochure is designed to provide you with the information you need to keep your workplace safe and healthy.