ASBESTOS TESTING

OVERVIEW

Asbestos is a naturally occurring mineral that has the ability to break down into microscopically thin fibers. It is commonly found in commercial, industrial and residential structures that were constructed before the 1990s. Asbestos is also found in a wide variety of everyday products such as talc, manufacturing products, textiles, paper products, makeup, home goods and toys.

When fibres from these materials become airborne, it poses a significant risk to human health and the environment. To comply with local and international laws and regulations, suspected materials must be microscopically tested for asbestos at a laboratory and subsequently handled and disposed of properly.

HOW CAN BUREAU VERITAS HELP YOU?

Bureau Veritas has provided both routine and specialized microscopy services for over 30 years. Our accredited laboratories support safe work environments through testing air samples and a wide range of other materials for asbestos. Bureau Veritas performs the following asbestos analyses using ASTM, EPA, AHERA, ISO and NIOSH methods:

- **Fiber Counts** - Air samples are analyzed by Phase Contrast Microscopy (PCM) and fibers are identified by Transmission Electron Microscopy (TEM), Selected Area Electron Diffraction (SAED) and Energy Dispersive Spectroscopy (EDS).
- **Bulk Materials** - Bulk materials are analyzed by Polarized Light Microscopy (PLM) and quantitatively analyzed by TEM.
- **Vermiculite** - Quantitative procedures are used to identify asbestos in vermiculite.
- **Soil** - The ASTM D7521-16 standard test method is used to identify asbestos in soil.
- **Water** - Testing is performed following EPA method 100.1 and 100.2.
- **Dust** - Testing is performed following the ASTM methods.

ABOUT US

Our experts have extensive knowledge of applied microscopy in diverse scientific fields such as mineralogy, geology, materials science, and engineering. Bureau Veritas is a member of the American Society of Testing and Materials (ASTM), the Microscopy Society of America, ASM International, and the International Metallographic Society.

For details about this service, please contact Bureau Veritas

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