

PENTA provides asbestos evaluation and remediation management for commercial and industrial properties. Our asbestos consulting services include the following:

Baseline Survey – A Baseline Survey is a building-wide or facility-wide survey that provides a general sense of the overall location, type, quantity, and condition of asbestos-containing materials present. It is thorough in that most accessible functional spaces are surveyed and bulk samples collected of suspect materials observed. The baseline survey provides information for long-term management of asbestos-containing materials and prioritization of response actions. The presence of asbestos in suspect materials may be assumed or presumed in some cases without bulk samples being taken or analyzed. However, the baseline survey is unobtrusive in that samples are not taken where doing so would result in objectionable damage to surfaces or where institutional barriers preclude access.

Project Design Surveys - The Project Design Survey is more specific than a Baseline Survey and is used to provide information to the Project Designer for preparing abatement plans and specifications. The locations inspected are limited to the areas that will be affected by the renovation or maintenance project. If the project is executed prior to renovation or demolition, the construction plans or at least a clear statement of the scope of the renovation or demolition work are required for a proper Project Design Survey. Destructive testing is often required for a Project Design Survey. The presence of asbestos in suspect materials is always confirmed in a Project Design Survey rather than being assumed or presumed.

Operation and Maintenance Program Development

– PENTA can provide clients with programs to properly manage asbestos containing materials in place. PENTA can assist with the development of these management programs by performing additional survey efforts to document the locations and types of asbestos-containing materials, as well as training for appropriate personnel within the facility.

Contract Document Development – PENTA can prepare a design and bid package for executing asbestos abatement projects. The documents may contain bid forms, contract documents, design drawings, and the technical specifications for the abatement efforts. The contract documents can include AIA, EJCDC, or owner developed contract documents.

Air Monitoring and Worksite Observation Services

– During the course of the abatement efforts, PENTA can provide Resident Project Representatives (RPRs) onsite to observe the Contractor's work practices, to document compliance to project specifications and applicable Federal, State, and local regulations. During the course of the abatement efforts, PENTA will provide air-monitoring services using Phase Contrast Microscopy (PCM). Our on-site personnel have attended and successfully completed the NIOSH 582 course to become accredited in air sample analysis in accordance with the NIOSH 7400 Method. PENTA actively participates in the American Industrial Hygiene Association's (AIHA's) Proficiency Analytical Testing (PAT) program.

Contract Administration – PENTA performs Contract Administration for Clients. These services generally include evaluation of the contractors submitted applications for payment and the supporting documentation. In the case of the final certificate for payment, it typically also constitutes a certification that, to the best of our knowledge, the conditions under the applicable contract documents for final payment have been satisfied in substantial compliance with contract documents. PENTA also prepares appropriate change orders defining additional scopes of work, schedules, and fees.

Contamination Assessments – PENTA performs contamination assessments using Micro-vacuum dust sampling as a means to identify asbestos-containing settled dust that may exist in areas of concern. Micro-vacuum dust samples are collected in general accordance with procedures outlined within ASTM D5755-95, "Standard Test Method for Micro-vacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Structure Number Concentrations".

