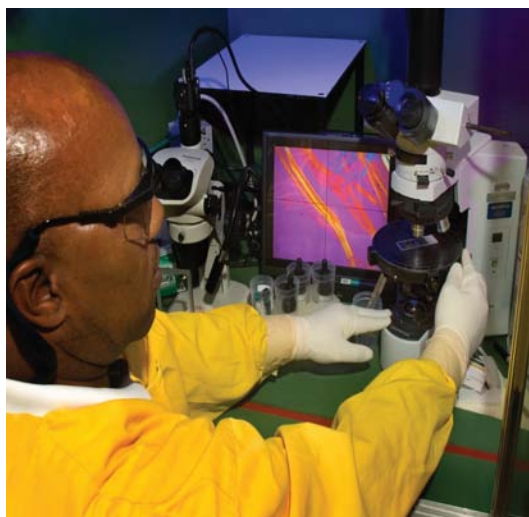


unique capabilities

Analytical Laboratories

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC



Radiological Asbestos Identification and Asbestos Air Fiber Count

Overview

Bulk material from radiological areas is analyzed for the presence of asbestos. The bulk sample is heated in muffle furnace to remove interfering substances. The sample is viewed using a stereoscope with camera attachment to determine the presence and quantity of asbestos fibers in the sample. Asbestos fibers are identified by remote Polarized Light Microscopy (PLM) for their optical properties. Radiological Air samples are viewed by Phase Contrast Microscopy (PCM) to count the asbestos fibers.

Specialized Capabilities

AIHA Accreditation

Features

- Accredited by the American Industrial Hygiene Association (AIHA) for the analysis of bulk asbestos and asbestos air fiber count from radiological areas in support of Asbestos Management program
- High alpha samples analyzed, primary contaminants of Pu and U
- Remote viewing by Stereoscope and PLM, for identification of the type of asbestos per NIOSH method 9002
- PCM of radiological air filter samples per NIOSH method 7400