

Brandon R. Smith | Senior Staff Professional

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Professional Summary:

Mr. Smith is a Texas Department of Health licensed Individual Asbestos Consultant and performs all aspects of asbestos consulting project management. His responsibilities include conducting asbestos surveys, interpreting survey results, designing asbestos abatement projects, and contract document preparation. Additional responsibilities include project management of lead-based paint surveys, abatement monitoring, mold assessments, comprehensive indoor air quality investigations, and Phase I/II environmental site assessments. Mr. Smith also has experience in building envelope evaluations and in providing insurance support.

- Environmental Site Assessments
- Asbestos Consulting
- Lead-Based Paint Consulting
- Mold Assessments
- Indoor Air Quality
- Building Envelope Evaluations
- Insurance Support

Licenses and Certifications:

Individual Asbestos Consultant, Texas Department of State Health Services, #105552
Lead Risk Assessor, Texas Department of State Health Services, #2070471
Mold Assessment Consultant, Texas Department of Health, MAC0499
OSHA 29 CFR 1910.120 HAZWOPER, Supervisor
Roof Technology I & II, RCI

Project Experience:

Comprehensive Asbestos Surveys – Austin, Texas

Mr. Smith conducted comprehensive asbestos surveys for a total of 25 buildings following AHERA requirements.

Asbestos Abatement Project Design - San Antonio, Texas

Mr. Smith provided project design specifications for several asbestos abatement projects, as well as the project oversight and air monitoring during abatement activities.

Lead-Based Paint Risk Assessments –San Antonio, Texas

Mr. Smith performed comprehensive lead-based paint inspections and risk assessments in several child occupied target housing residences.

Environmental Site Assessments – Various sites

Mr. Smith conducted Phase I environmental site assessments for real estate transactions at numerous properties. Properties included vacant land, rail corridors, office buildings, retail strip centers, apartment complexes, and light industrial manufacturing facilities.

Comprehensive Indoor Air Quality Investigation - Castroville, Texas

Mr. Smith conducted indoor air quality testing in response to occupant complaints. Samples collected were analyzed for microbials, bacteria, and volatile organic compounds.

Building Renovations – Austin, Texas

Conducted asbestos inspections at several sites in Austin, Texas. Provided asbestos inspection services as part of office renovation activities. The services included asbestos surveys, analytical interpretation, and report preparation.

Neighborhood Reconstruction Project - San Antonio, Texas

Provided asbestos inspection services as part of renovation activities. The services included asbestos surveys, analytical interpretation, and report preparation.

Various Buildings - San Antonio, Texas

Mold Assessment Consultant for microbial investigations. Responsibilities included biological sampling, analysis of results, and providing a written report including remediation recommendations and schematics.

Environmental Site Assessment Portfolios - Nationwide

Numerous Phase I Environmental Site Assessments were performed on properties ranging from multi-story office buildings and hotels to vacant land. ESA reports included a review of historical information, public records, regulatory databases, and interviews with individuals with specific knowledge of the Subject Property. The Subject Properties were also observed for visible signs of possible environmental concerns.

Retail Banking Centers - Nationwide

Provided professional services to retail banking centers and administrative buildings. Services provided included asbestos consulting, mold investigations, IAQ studies, and remedial design and oversight.

Catastrophe Response

Project team member responding to the 2008 Cedar Rapids, Iowa flood and 2008 Hurricane Dolly in South Texas. Provided indoor air quality and safety monitoring for city government and private restoration contractors during drying and remediation of flood and storm water damage to multistory buildings.

Roof Condition Inspections

Assisted EFI's Registered Roof Consultant with multiple storm related assessments of residential and commercial roofs in South Texas following Hurricanes Ike and Dolly in 2008. Provided field observations to document the absence or presence of storm related damage to various types of roofs. Provided technical writing assistance and editing of final reports.

Roof Uplift Resistance Testing

Performed roof uplift resistance testing at commercial buildings in hurricane susceptible areas. This test was developed to simulate the effect of high wind conditions in the field, perimeter and corners of the roof. Testing is performed using a negative pressure chamber in accordance with FM Global Property Loss Prevention Data Sheet 1-52. Testing is conducted by incrementally increasing uplift

pressures in 7.5 psf increments and maintaining each pressure for one minute until the final uplift pressure is reached. Field, perimeter and corner locations are evaluated on a pass fail basis.

Water Penetration Testing

Conducted water penetration testing of windows and curtain wall assemblies installed in commercial buildings. Testing was performed to simulate storm conditions by constructing an appropriate interior enclosure necessary to apply a specific negative pressure differential to each assembly in accordance with ASTM E 1105 and AAMA 511-08 guidelines. Interior water penetration observations were documented while maintaining the specified differential pressures and spraying water at a uniform rate to the exterior assemblies.

Professional Experience:

EFI Global, Inc.

2003 - Present
Senior Staff Professional (2018 – Present)
Project Manager (2003 – 2018)

KEI Consultants

2002 - 2003
Project Manager

Applied Earth Sciences

1997 - 2002
Project Scientist

ATC Associates

1993 - 1997
Project Scientist

Education:

Texas Tech University, Lubbock, TX
Bachelor of Arts, Geography, 1992

Affiliations:

RCI, Inc.