

Dean Adams

Senior Consultant

Mr. Adams has been involved in a variety of projects for repair, remediation, and restoration, ranging from field evaluations, non- and semi-destructive testing, forensic investigations, and litigation support. Among these projects he has worked at hospitals, water and wastewater treatment facilities, airport runways and hangars, sports stadiums, condominiums, bridges, space launch facilities, museums, warehouses, nuclear power stations, industrial processing facilities, and historical structures. Mr. Adams has vast experience with evaluation of materials that include concrete, mortar, grout, brick, concrete block, terrazzo, ceramic tile, resilient floor covering, hardwood, self-leveling underlayment, and epoxy coating. He is a voting member of the ASTM F06 Committee on Resilient Floor Coverings, a Certified Concrete Slab Moisture Testing Technician (CCSMTT), and a Post Installed Anchor Inspector (PIICA).

Representative Project Experience

Materials Investigation & Condition Assessment

- Jet Propulsion Laboratory Deep Space Antenna Network, Barstow, CA: Construction Administration
- Champlain Towers South Collapse, Surfside, FL: Litigation Support, Onsite Observation
- Willard Ice Building Parking Structure Renovation, Springfield, IL: Construction Administration.
- Lake County Courthouse, Waukegan, IL: Construction Administration, Design repair drafting.
- NASA Michoud Assembly Facility, New Orleans, LA: Project Management, Field Team Lead, Evaluation and Condition Assessment of 75+ year old roof system.
- Abbott Medical Optics (AMO), Kulim, Kedah, Malaysia: Project Management and Failure Analysis of an epoxy coated floor system and litigation support.
- Merdeka PNB 118 Tower, Kuala Lumpur, Malaysia: Team member and technical support for failure analysis of concrete piles and raft slab foundation for a 118 story building under construction.
- Cheyenne Regional Medical Center, Cheyenne, WY: Litigation Support, Failure Analysis of flooring issues.
- Rehabilitation Institute of Chicago, Chicago, IL: Failure Analysis of flooring system.
- Greene Science Center, Columbia University, Manhattanville, NY: Failure Analysis of flooring system
- Cardon Children's Hospital, Mesa, AZ: Failure Analysis of terrazzo, Litigation Support.
- Prentice Women's Hospital, Chicago, IL: Litigation Support, Failure Analysis of resilient flooring.
- Epic Systems Corp, Epic Deep Space Auditorium, Verona, WI: Non-Destructive Testing



Academic Credentials

Master of Fine Arts
Ohio University, 2014

Bachelor of Arts
College of Charleston, 2003

Licensure/Certification

ICRI Certified Concrete Slab
Moisture Testing Technician
(CCSMTT)

ACI Post-Installed Concrete Anchor
Installation Inspector (PIICA)

Professional Affiliations

ASTM International, F06 Committee
on Resilient Floor Coverings:

- ASTM F3010 Technical
Contact

Committee C11 on Gypsum and
Related Building Materials and
Systems

Committee C16 on Thermal
Insulation

American Concrete Institute (ACI),
Associate Member:

- ACI 302 Construction of
Concrete Floors
- ACI 360 Design of Slabs on
Ground

Contact Information

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- Clark County Water Reclamation District, Las Vegas, NV: Evaluation of aged tank structure for use life extension, Non-Destructive testing, Condition Assessment
- Philadelphia Museum of Art renovation: Fiber Reinforced Polymer (FRP) jacket installation testing.
- Sundt Construction, San Antonio, TX, San Pedro Riverwalk: Evaluation of cement tile failure.
- NASA Launch Pad 39B, Cape Canaveral, FL: Condition Assessment, Non-Destructive Testing.
- Memorial Hospital, Shiloh, IL: Failure Analysis of flooring materials.
- Phoenix Sky Harbor Airport, Phoenix, AZ: Evaluation of terrazzo in renovated concourse/baggage areas.
- Nissan Training facility, Somerset, NJ: Failure Analysis of epoxy coating.
- Purdue University, Student Fitness and Wellness Center Recreation Pool, West Lafayette, IN: Evaluation of tile failure in the pool deck and shower facilities.
- Crystal River Nuclear Power Plant Containment Unit (CR3), Crystal River, FL: Team Member, Non-Destructive testing.
- Atlanta-Hartsfield-Jackson Airport, GA: Non-Destructive Testing & Instrumentation.
- BP Pipeline, Newark, NJ: Non-Destructive Testing
- Elmendorf AFB, US Army Corps of Engineers, Anchorage, AK: Non-Destructive Testing, Condition Assessment of slab in Hanger Facilities.