

Jesus Daniel Cardenas, CIE | Industrial Hygienist Environmental Advisor

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Professional Summary:

Mr. Cardenas has over 10 years of experience specializing in Indoor Air Quality and Industrial Hygiene. As an Indoor Air Quality expert, he has extensive experience assessing and remediating microbial contamination as well as providing solutions for buildings with sick building syndrome. Mr. Cardenas recent experience includes air quality inspections, project management, mold remediation, asbestos remediation, and other hazardous waste remediation projects. Mr. Cardenas provides project management with the ability to safely, successfully manage, and supervise multiple projects and daily responsibilities. Mr. Cardenas has experience providing these services to a wide array of both public and private clients.

Areas of Expertise:

- Council-certified Indoor Environmentalist (CIE, #2008015)
- Florida Mold Assessor (#MRSA3981)
- Asbestos Inspections
- Indoor Air Quality (IAQ) Inspections
- Industrial Hygiene Inspections
- Environmental Assessments
- Occupational Health & Safety

Licenses and Certifications:

Council-certified Indoor Environmentalist (CIE), American Council for Accredited Certification, #2008015

Mold Assessor, FL, #MRSA 3981

Asbestos Inspector, FL, #KYWHPJB7C7

EPA Lead Inspector, #LBP-I-I-203477-1

Project Experience:

Emergency Asbestos Inspection, Project Air Monitoring and Project Clearance Sampling, Stetson University, Deland, Florida

Project Manager, and site monitor responsible for emergency sampling, project monitoring and developing the emergency abatement plan in Sage Hall Athletic Center after a chiller line break. The initial response included bulk sampling over a two-day period to determine what materials had to be removed. The results confirmed that asbestos containing materials were impacted by the water intrusion. The client then asked that monitoring be done as part of the three-month asbestos abatement. Once the contractor had completed the removal of the asbestos containing materials final air clearances were collected and the building was turned back over to the university.

Industrial Hygiene Consulting Services during a University of Central Florida Student Housing Remodel, Industrial Hygiene inspections and Reconstruction Management Services, Marquee Student Housing, Orlando, Florida

Senior technician responsible for evaluating the moisture content and damaged building materials, determining extent of possible microbial growth and the condition of materials that were being left in place during the remodel.

The building was divided into sections into complete the inspections and at the request of the client each unit would have three separate inspections. The initial inspection provided the scope of work with drawings to expedite the bidding process. During the re-inspection, confirmed that all of the initial materials were removed and identified any new materials that may also need to be taken out. The final pre-occupancy inspection was completed after all reconstruction activities have been completed, EFI was asked to confirm that the units were clean and ready for occupancy.

Emergency Asbestos Inspection, Project Air Monitoring and Project Clearance Sampling, Jacksonville Towne Home Apartments, Jacksonville, Florida Project Manager and site monitor responsible for emergency sampling and project monitoring the emergency abatement in the Towne Home Apartments after a fire in the building. The initial response included a one-day bulk sampling event to determine what materials had to be removed. The results confirmed that asbestos containing materials were impacted by the fire. Initially, the abatement contractor did not have a project monitor onsite to review the work that was being completed. After it was observed that the contractor was not setting up complete containments the client then asked that content sampling e completed to determine if the contents were contaminated with the asbestos debris. Sampling did identify asbestos fibers on some of the contents in multiple locations in the building. The client then asked that monitoring be done for the rest of the of the five-month asbestos abatement in addition the client wanted the content cleaning be monitored as well.

Asbestos Consulting Services, Federal Occupational Health, Statewide, Florida Project Manager responsible for the initial and 3-year re-inspection of federal office space at multiple locations throughout the state of Florida. The FOH requested EFI inspect the buildings using the AHERA protocols for asbestos containing materials. Additionally, while on site for the inspections general Indoor Air Quality inspections were completed as part of their ongoing air quality monitoring.

Emergency combustion by product (CBP) Services and Mold Assessment, State of the art Country Club Spa, St Andrews County Club Spa, West Boca Raton, Florida Senior technician responsible for evaluating the moisture content and damaged building materials, determining extent of possible microbial growth, smoke migration and the condition of remaining materials. The initial inspection provided CBP sampling to clear the first section for re-occupancy and to determine scope of work for the remainder of the building with drawings to expedite the rebuild process.

Specialized Education / Training:

- Florida mold assessor
- 40 HR AHERA – Supervisor certification
- 8 HR AHERA Annual Refresher – Supervisor certification
- 8 HR AHERA – Asbestos inspector
- 40 HR OSHA - 29 CFR 1910.120 HAZWOPER
- 10 HR OSHA – Construction
- 8 HR OSHA Annual Refresher
- MyCometer – Sampling (Air, Surface, and Bio) Analyzing (Air, Surface, and Bio)
- RRP certification
- Confined space entry and rescue certification
- Atmospheric and multi-gas monitoring



First Aid and CPR Training
DOT hazardous materials training
Trained in Plumbing, Electrician, and Carpentry
Skyjack, Man lifts, and Boom lifts trained and instructor
Heavy equipment trained (Backhoe, Dozer, and Skid Steer)
MECP Master installer
ACE-certified (Automotive mechanical, electrical, and parts)