



Jim D. Wiethorn Ph.D., P.E.

Principal Engineer

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Primary Areas of Consulting

- **Crane Accident Analysis**
 - Crane lift duties and responsibilities
 - Rigging failures
 - Accident reconstruction
 - Wind analysis/effects
 - Steel erection/rigging
 - Lift planning
- **Construction Related Failure and Damage Assessment**
 - Construction safety issues and responsibilities
 - Code compliance issues
 - Material performance/installation requirements
 - Moisture ingress problems
 - EIFS evaluations
 - Cost analysis of construction projects
- **Wind and Wave Effects on Structures**

Licensed Professional Engineer in the States of: Alabama, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Nevada, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Washington, West Virginia, Wisconsin and Wyoming

Certified:

Inspector for the Texas Department of Insurance

Instructor:

Mississippi Home Inspector Program
Oklahoma Home Inspector Program
Tennessee Home Inspector Program

Certificate of Competency:

General Contractor, State of Florida

Memberships

- National Society of Professional Engineers (NSPE)

- American Society of Mechanical Engineers (ASME)
 - ASME B30 Main Committee Member- Cranes
 - ASME B30.3 - Construction Tower Cranes
 - ASME B30.29 - Self-Erect Tower Crane
- National Commission for the Certification of Crane Operators (NCCCO)
 - Tower Crane Committee
 - Rigging Task Force Committee
- American Society for Testing Materials (ASTM)
 - ASTM E06 - Performance of Buildings (EIFS)
 - ASTM E06.58 - EIFS Wind Effects
- American Institute of Steel Construction (AISC)
- Chi Epsilon
- Tau Beta Pi
- Engineering Advisory Board (EAB), University of Texas
 - Cockrell College of Engineering (2005)
 - [Department of Civil, Architectural, and Environmental Engineering (CAEE) (2008)]
- Academy of Distinguished Alumni, University of Texas-CAEE (2008)
- Baylor University ECS Advocates Board
 - College of Engineering and Computer Science (2009)

College Education

- Doctorate of Philosophy in Civil Architectural & Environmental Engineering
University of Texas at Austin, 2018
- Master of Science in Architectural Engineering
University of Texas at Austin, 1975
- Bachelor of Science in Architectural Engineering
University of Texas at Austin, 1973
- Bachelor of Arts in Math and Physics
Baylor University, 1973

Testimony history available upon request.

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