

ENGINEER: STRUCTURAL, CIVIL

CHARLES E. WHITLEY, P.E.
Engineering Design & Testing Corp.
Post Office Box 610406
Birmingham, Alabama 35261-0406
Telephone: (205) 838-1040

EDUCATION:

1988 B.S.E. (Civil) University of Alabama at Birmingham, Birmingham, Alabama

EXPERIENCE: ENGINEERING PRACTICE:

April, 1999 to Present	<u>Engineering Design & Testing Corp.</u> , Consulting Engineer (April 1999-April 2000), Engineering Manager (April 2000-January 2011), Regional Engineering Manager (January 2011-present). Consulting in the area of structural engineering for commercial, industrial and residential structures, including cause and origin of collapsed structures, wind, flood, fire and settlement damage, construction losses, analysis of costs to repair or replace and evaluation and analysis of construction disputes.
October, 1998 to March, 1999	<u>Quality Technical Services</u> , Structural Engineer. Provided structural design and administration for structural engineering department on petro-chemical projects.
March, 1998 to September, 1998	<u>Frucon Engineering</u> , Senior Structural Engineer and Department Manager. Performed conceptual design structural analysis and detailed design in pulp and paper, food and beverage and manufacturing fields.
March, 1988 to March, 1998	<u>Rust International</u> , Structural Engineer. Provided conceptual and detailed design and construction management services for multi-million dollar pulp and paper, chemical and aerospace projects.

REGISTRATIONS & CERTIFICATIONS:

Registered Professional Engineer in Alabama (# 19393)
Registered Professional Engineer in Tennessee (# 00105023)
Registered Professional Engineer in Mississippi (# 14349)
Registered Professional Engineer in Georgia (# 026011)
Registered Professional Engineer in Florida (# 55003)
Registered Professional Engineer in Louisiana (# 32381)
Registered Professional Engineer in Arkansas (# 14596)

REGISTRATIONS & CERTIFICATIONS: (continued)

National Council of Examiners for Engineering and Surveying (# 18027)
OSHA Site Supervisor
Confined Space Entry
Certified Building Inspector
Certified Masonry Inspector

CONTINUING EDUCATION:

Design and Renovation of Wood Structures
ASCE, December 2008, New Orleans, Louisiana

Blasting in Construction
BlasTech, September 2006, Cherokee, North Carolina

Specifying and Designing with Steel Joists and Joist Girders
Steel Joist Institute, February 2006, Myrtle Beach, South Carolina

Making Weather Work For You
WeatherData, February 2006, Overland Park, Kansas

Hail Testing of Residential Roofing Materials
Engineering Design & Testing Corp., February 2006, Overland Park, Kansas

An Introduction to Infrared Thermography
Engineering, Design & Testing Corp., February 2005, Ashville, North Carolina

Windows: Performance and Testing
Engineering, Design & Testing Corp., February 2005, Ashville, North Carolina

Metal Roofing System Damage Assessment
Engineering Design & Testing Corp., February 2004, Columbia, South Carolina

Reinforced Modular Block Wall
Engineering Design & Testing Corp., February 2004, Columbia, South Carolina

Large Loss Techniques and Procedures
Engineering Design & Testing Corp., February 2003, San Antonio, Texas

EIFS Panel Discussion
Engineering Design & Testing Corp., February 2003, Columbia, South Carolina

Structural Condition Assessment of Existing Building
American Society of Civil Engineers, December 2002, Montgomery, Alabama

Wood Decay vs. Termite Damage
Engineering Design & Testing Corp., February 2002, Savannah, Georgia

Examination and Evaluation of Wood Roofs
Engineering Design & Testing Corp., February 2002, Savannah, Georgia

36th Southeast Arson Seminar
International Association of Arson Investigators, August 2000, Brunswick, Georgia

Investigation of Gas and Electrical Fires
Fire Findings, August 1999, St. Joseph, Michigan
Design Consideration for Low Rise Building
Rust International, October 1996, Birmingham, Alabama

Industrial Building Design/Light Gage Design
Rust International, October 1996, Birmingham, Alabama

Alternate Design Method for Concrete Design
Rust International, October 1995, Birmingham, Alabama

Design of Concrete Floor Slabs on Grade
Rust International, October 1995, Birmingham, Alabama

PRESENTATIONS:

Hurricane Damage Evaluation Procedures
May 20, 2006; Charlotte, North Carolina

PROFESSIONAL ORGANIZATIONS:

American Society of Civil Engineers
Tau Beta Pi
International Code Council
International Society of Explosives Engineers, Alabama Chapter