



OConnor Engineering, Inc.

Forensic Engineering – Civil, Structural, Electrical & Mechanical

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Curriculum Vitae

Charles L. Thomas, CFEI, WLS, CIE

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PROFESSIONAL EXPERIENCE

September 2007 to Present

OConnor Engineering, Inc.

Senior Investigator providing consulting services and causation investigations related to construction defect, water intrusion, fire repair, fire causation, mold remediation, and indoor air quality. Also provides cost consulting services for large residential and commercial catastrophe repair. Other duties include assisting principal engineer with structural evaluations, forensic engineering investigations and preparation of construction repair plans.

October 2003 to September 2007

V&M Restoration, Inc.

Branch Manager for the Sacramento office of V&M Restoration, Inc. In charge of all Sacramento Branch operations including the responsibility for the performance and training of all staff. V&M Restoration was a licensed general contractor specializing in fire, water, mold and catastrophe repair for residential and commercial structures including contents restoration.

April 2001 to October 2003

Engineering and Fire Investigations (Now EFI Global)

Construction and Environmental Consultant primarily specializing in investigating moisture related damage in both residential and commercial structures to determine cause. Analyzed damage and provided recommendations for repair or remediation. EFI consisted of engineers, fire investigators, chemists, microbiologists, mycologists and construction professionals who provided cause and origin investigations and forensic reports for a broad variety of construction issues.

September 1986 to April 2001

Tudor Construction and Restoration, Inc.

Performed duties as an estimator and manager for Tudor Construction and Restoration Company. The last nine years were spent as Branch Manager in charge of all operations in the Sacramento area. Tudor Construction and Restoration was a general contractor specializing in fire, water, mold and biohazard clean up for residential and commercial structures including contents restoration.

1973 to 1986

Blackwelder Manufacturing Company

Plant Supervisor, Tool Designer, and Sales Representative for manufacturing company that produced agricultural equipment, refuse handling equipment and other steel products. The company also performed job shop work for construction and public works projects requiring structural steel fabrication. Assisted company engineers in the research and development of new products and production methods.

EDUCATION, LICENSES AND CERTIFICATIONS

NAFI Certified Fire and Explosion Investigator (CFEI) March 10, 2011
California State Contractors License #900770 issued July 23, 2007
Initial Asbestos Building Inspector- EPA/AHERA and Cal –OSHA Approved
Certificate # HEES-20898 August 6, 2003 (not renewed)
ACAC- Council Certified Indoor Environmentalist (CIE) #00566 November 28, 2001
Restoration Industry Association (RIA)
Water Loss Specialists (WLS) #0018 March 16, 2000
Certified Restorer (CR) #301 March 11, 1998 (1998-2010)
IICRC – Certified Water Damage Restoration Technician 41750 May 2000 (not renewed)
Certified Workers' Compensation Insurance Coordinator
California Compensation Insurance Company – November 16, 1995
San Joaquin Delta College, Stockton, CA- Associate of Arts Degree- 1973
Indiana University Northwest Campus – General Education no degree 1969-1970

MEMBER ORGANIZATIONS

Restoration Industry Association (RIA)
Water Loss Institute (WLI)
Indoor Air Quality Association (IAQA)
National Association of Fire Investigators
Sacramento Claims Association

OTHER RELATED INDUSTRY TRAINING

Fire, Arson and Explosion Investigator Training Program
Engineering and Fire Investigations Training Classes
Moisture Penetration & Migration of Water
Handling Mold Claims in Residential Properties
Indoor Air Quality and Mold in Commercial & Institutional Facilities
Property Condition Assessment (PCA) Training
Protocol for Environmental Sampling
Pacific Gas and Electric – Controlled Ventilation Seminar – November 22, 2002
Restoration Consultants – Applied Thermography Training – October 6, 2004
Regular Attendance at RIA, IAQA and local conferences and seminars to maintain CE credits

PUBLICATIONS

Water Damage Project Management – chapter 10 of the RIA Water Loss Specialist Text. This text is currently used for WLS certification.