



JOHN POWELL WHITE CURRICULUM VITAE

AREA OF SPECIALIZATION

John is a licensed Fire Protection Engineer in a number of jurisdictions of the Western United States. He is a Certified Fire Investigator through the International Association of Arson Investigators and has an educational background in the chemical, mechanical, and fire protection engineering.

EDUCATION & CERTIFICATIONS

Certified Fire Investigator 22-012161

International Association of Arson Investigators
Professional Board Certified

2013

Registered Professional Engineer – Fire Protection

CA License# 1753
NV License# 022793
WA License# 54104
AZ License # 63050
TX License # 125467
OR License # 91789 PE
ID License # 17154

Worcester Polytechnic Institute, Worcester MA
Fire Protection Engineering, Masters of Science

May 2010

University of California, Berkeley CA
Chemistry, Bachelor of Science

December 2004

Santa Rosa High School, Santa Rosa, CA
High School Diploma

May 2001

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LEGAL

Trial Testimony

Superior Court of California, County of Alameda County Case Number RG12655606
Diana and Agustin Lopez v. AMCO Insurance, Inc. et al.
Provided testimony on behalf of the Plaintiff regarding fire causation related to residential clothing dryer. [July 7th, 2015]

Superior Court of California, County of Alameda, Case No. RS14-734564
Brandon v. Brighton et al. Provided testimony on behalf of the Plaintiff regarding origin and cause of fire involving materials stored inside of a free standing gas-fired cooking range. [October 8th, 2014]

Superior Court of California, County of San Francisco, Case No. CGC 13 533822
Shannon Deaton et al v. Carolyn Chandler et al. Provided testimony on behalf of the Defendants regarding origin and cause of fire involving a residential electric baseboard heater and proximity of combustible materials. [October 2nd, 2014]

Deposition Testimony

Superior Court of California, County of San Mateo, No. CIV533845
Aguirre v Cypress Lawn Cemetary Association
Provided testimony on behalf of defense regarding fire and building code requirements at the time of fire versus time of construction.

Superior Court of California, County of Sonoma, No. SCV-256907
Margrett Lewis v. Ecosmart, Inc, et al.
Provided testimony on behalf of defense regarding fire spread issues including ejection of fuel from a denatured ethyl alcohol bottle, flame arrestors, and application of NFPA 921 to fire incident investigations.

Superior Court of California, County of San Francisco, No. CGC-15-543719
Carl Natvig v Toy Real Estate Investment Co
Provided testimony on behalf of plaintiffs regarding fire origin and cause investigation and failure analysis of a wall furnace.

Superior Court of Washington, County of Pierce, Case No. 15-2-10813-7
Jennifer S. St. Lorant v CHS, Inc
Provided testimony on behalf of the plaintiffs regarding explosion origin and cause investigation of a propane explosion and safe handling procedures of dispensing.

Superior Court of California, County of San Francisco, Case No. CGC-14 – 537501

Chad Benjamin Potter, et al v. 1049 Market Street, LLC.
Provided Fire Code Analysis testimony on behalf of the plaintiffs.

Superior Court of California, County of Santa Cruz, Case No. CV179979
Allied Property and Casualty Insurance Company v. Jonathan Ilse; Daniel Ilse; Rose Zeitler
Provided origin and cause testimony on behalf of the plaintiffs.

District Court of McLennan County Texas, Cause No. 2013-2476-4
City of West, Texas v. West Fertilizer, et al.
Provided testimony on behalf of the plaintiffs regarding building construction and applicable codes.

Superior Court of California, County of Monterey, Case No. M111747
Bush v. Pacific LPG, Corp, et al.
Provided testimony regarding participation and observations during site inspection and testing.

Superior Court of California, County of San Francisco, Case No. CGC 13 533822
Shannon Deaton et al v. Carolyn Chandler et al.
Provided testimony on behalf of the defendants regarding origin and cause of fire involving a residential electric baseboard heater and proximity of combustible materials.

Superior Court of California, County of Alameda County Case Number RG12655606
Diana and Agustin Lopez v. AMCO Insurance, Inc. et al.
Provided testimony on behalf of the Plaintiff regarding fire causation related to residential clothing dryer.

San Mateo Superior Court Case Number CIV 503763
CSAA/Claesson, Claes v. Rust Oleum Corporation, et al.
Provided testimony on behalf of the Plaintiff to competency of self-heating ignition source of floor coating product.

Superior Court of the State of California in and for the County of Ventura
56-2011-00394984
Philadelphia Indemnity Insurance Company v. Pro Sports Floors, Inc.
Provided testimony on behalf of the Defendant to competency of self-heating ignition source of urethane product.

CIV 494462
Leary v. Merrill Properties and Sandra Pugh
Provided testimony on behalf of the Plaintiff to candle burning properties including ignition, burning characteristics, and duration. Provided opinion regarding competency of candle ignition source.

State of Texas Case No. 067-222686-07

Racquel Guadiana. Individually and as a representative of the Estate of Erik Robles, deceased vs Sandhill Properties, LLP

- State of Texas Case No. 348-229743-08 *Tonia Roberts, Individually and as Next Friend for Natasha Riekeman, a minor child vs. Flexible Foam Products, et. al.*

PUBLICATIONS

Continuing Education of the Bar, California. Scientific Evidence in California Criminal Cases, Origin & Cause of Fire. The Regents of the University of California, September 2014.

Contributing Editor

Continuing Education of the Bar, California. Scientific Evidence in California Criminal Cases, Origin & Cause of Fire. Section 12, pp. 505 – 588. The Regents of the University of California, September 2011.

PROFESSIONAL

- **Member** – ASTM Technical Committee E05 on Fire Standards
- **Member** – Northern California/Nevada Chapter of the Society of Fire Protection Engineers, 2011 – Present.
- **Member** – National Fire Protection Association, Number 2684161
 - Research Division 2009 – Present
 - Architects, Engineers, and Building Officials Division 2014 – Present
 - Building Fire Safety Systems Division 2014 – Present
 - Industrial Fire Protection Division 2014 – Present
- **Committee Member** – NFPA 130 - Standard for Fixed Guideway Transit and Passenger Rail Systems
- **Task Group** – NFPA 400 (2016) Hazardous Materials Code – Participant between first and second draft ballots.
- **Member** – National Society of Professional Engineers 2008 – Present.
- **Member** – Society of Fire Protection Engineers (SFPE) 2005 - Present

PROFESSIONAL EXPERIENCE – FIRE CAUSE ANALYSIS

2011-Present **Managing Engineer and Partner**

- Fire and thermal engineering analysis
- Fire investigations
- Field testing and evaluations
- Construction and product defect litigation support
- CFD modeling, analysis of heat transfer, fire, and smoke dynamics
- Product design testing and failure analysis
- Signed and stamped reporting
- Responsible for case management and review
- Day-to-day and long-term business development

2008-2011 **Associate Engineer**

- Responsible for field measurements and data collection
- Planning and implementing numerous field tests including live burns, water leak analysis, and mechanical failure.
- Signed reporting under supervision of PE
- Analysis and reporting on passive and active Fire Protection Systems
- Failure analysis of appliances and mechanical systems
- Computer and CFD modeling of heat transfer and fire/smoke dynamics

2007-2011 **Technical Services Coordinator**

- Supervised junior technical staff and evidence technicians
- Responsible for hiring, termination, and compensation adjustment
- Implementation of evidence storage and transfer protocols
- Large project supervision and coordination

2004-2008 **Research Associate**

- Providing technical support
- Performing code research work and code analysis
- Setting up and performing live burn tests
- Designing and engineering large-scale paper treatment device
- Quality control evaluation and testing of products