

GEORGE J. HOGGE PE

EDUCATION

Numerous Continuing Educational classes and seminars
B.S. Electrical Engineering: Arizona State University, Grad 1989
Classes in National Electrical Code, Electrical Inspections, Electronics; Gateway Community College 1982

EMPLOYMENT

October 2004 Present	Engineering Forensics Experts LLC <i>President/Principal Forensic Electrical Engineer</i>
October 2004 December 2006	Jerry James & Associates Fire Investigations LLC <i>Managing Partner/Principal Forensic Electrical Engineer</i>
February 1998 2006	BTI Consultants <i>Adjunct Consulting Forensic Engineer</i>
June 2001 October 2004	Engineering & Fire Investigations (now EFI Global) <i>Senior Forensic Electrical Engineer</i>
January 2000 June 2001	TOR Engineering <i>Electrical Engineering Manager</i>
June 1999 January 2000	GJH Engineering <i>Owner, Design and Consulting Firm</i>
May 1990 June 1999	Salt River Project <i>Senior Engineer, Inspections Supervisor, Distribution Design</i>
January 1990 May 1990	TOR Engineering <i>Engineer, Distribution Design</i>
May 1985 January 1990	GJH Electrical Design and Construction <i>Design/Build Electrical Contractor while attending ASU</i>
1978 to May 1985 1974 to 1978	Various Electrical Contractors including self <i>Journeyman Electrician and Electrical Design/Build Contractor</i> <i>Electrician Apprentice</i>

LICENSES

State of Arizona

- Registered Professional Engineer 28871

State of Colorado

- Registered Professional Engineer 35940

State of California

- Registered Professional Engineer 35940

State of Nevada

- Registered Professional Engineer 015229

State of New Mexico

- Registered Professional Engineer 5408

State of Utah

- Registered Professional Engineer 987935-2202

State of Wyoming

- Registered Professional Engineer PE 9511

National Council of Examiners for Engineering and Surveying (NCEES)

- Record # 26090 (Facilitates PE reciprocity for all states)

Arizona Electrical Contractor License

- Certified as Qualifying Party for Salt River Project ~ 1995 – 1999
- Certified as Qualifying Party for self ~ 1985-1989

EXPERT TESTIMONY EXPERIENCE

Deposition

Allstate Insurance and Hampton Braun VS Salt River Project
Salt River Project Law Department
Maricopa County, Arizona Cause #CV 1995-011100
1995

Deposition File No. 48120

Strozykowski, Tamara, VS Simplimatic Engineering
Burnett & Williams, PC
Virginia Circuit Court of Frederick County at Law #97-205
July 1999

Deposition File No. 49098

Ohio Casualty Insurance VS Delani Electric/Merkley
Tryon, Heller & Rayes, PC
Maricopa County, Arizona Cause #CV 98-15858
November 1999

Deposition File No. 94603-18626

Pinelli VS Colonial Electric
Horton, Barbaro & Reilly
Superior Court of California, County of Los Angeles Cause #BC224299
November 2001

Court Testimony File No. 94603-00373
State Farm Mutual Automobile Insurance Company VS Howell Enterprises Inc
Burrell & Seletos
South Mesa Justice Court, August 2003

Deposition File No. 1984-010705
Farmers Insurance Company VS Sun Devil Auto Parts Inc
Belknap and Sterling
Maricopa County, Arizona Cause #CV 2004-005717
February 2005

Deposition File No. 2026-012105
State Farm VS General Electric
Sittu Law Firm
Maricopa County, Arizona Cause #CV 2004-012838
April 2005

Court Testimony
Linda Garner VS St. Johns Palms et al
Koeller, Nebeker, Carlson and Haluck, LLC
Maricopa County, Arizona Cause # C 2003-2967
May 2005

Deposition BTI File # 54108
Rosa Cantu VS W.P. Murphy Inc
Maloney & Campolo, LLP
Bexar County, Texas Cause # 2003-CI-18750
May 2005

Deposition File No. 2218-031105
Farmers Insurance VS Cadet Manufacturing Company
Evizich Law Offices, PLLC
King County, Washington Cause # 04-2-36615-1 SEA
October 2005

Deposition File No. 2450-052305
Fireman's Fund VS Double Q Electric and Nedbo Construction
White and Steele, PC
Eagle County, CO District Court Case # 04CV477
November 2005

Deposition File No. 2728-080305
Lujan/Southwest Gas/Salazar VS Four Threes MHP, Teufel et al
Chandler & Udall, LLP
Pima County Superior Court Case # C2003 2328
December 2005

Deposition
Panda Express Inc VS Excel Construction
Kirton & McConkie
Utah District Court Case # 2:04-CV-579 TS
March 2006

Court Testimony
Panda Express Inc VS Excel Construction
Kirton & McConkie
Utah District Court Case # 2:04-CV-579 TS
June 2006

Deposition
One Beacon Insurance Company VS Elcon Electrical Contractors Inc
Cozen O'Conner
Socorro County, New Mexico 7th Judicial District Case # D-0725-CV-2004-65
June 2006

Deposition
Universal Underwriters VS Ford Motor Company
Magnum, Wall, Stoops, and Warden, PLLC
Coconino County, Arizona Superior Court Case # CV 2005-0101
September 2006

Deposition
Sidney and Tammy Leyendekker VS Precision Ag and Roto-Mix
Evans, Craven & Lackie
Yakima County, Washington Superior Court Case # 05-2-03909-3
September 2006

Deposition
Vera Haribedian VS Kendall J. Beltnick, et al
Fieger, Fieger, Kenney, & Johnson
Circuit Court, County of Isabella, State of Michigan Cause # 05-4568-NO
October 2006

Court Testimony
State Farm Insurance V. General Electric
The Sittu Law Firm PLLC
Maricopa County, Arizona Superior Court Case # CV2004-012838
November 2006

Deposition
Ward, Ervin VS Terex-Telelect, Et Al
Bryan L. Query and Estevan A. Aguilar
District Court of New Mexico CIV-05-198 RLP LFG
December 2006

Deposition
State Farm Fire and Casualty VS Broan Manufacturing Co.
Law Office of Dennis A. Sever, PLLC
US District Court for District of Arizona Cause # CV-00889-PHX-SMM
February 2007

Deposition
Rohrbacker, et al. VS Engineering and Fire Investigations et al.
O' Connor & Campbell PC
Superior Court of Arizona, County of Maricopa Cause # CV2005-007458
February 2007

Deposition
Kendis Kowal VS Maytag.
Quarles and Brady LLP
US District Court for District of Arizona Cause # CV06-2195-PHX-RCB
August 2007

Deposition
Tanya Travis VS Burgess Norton.
Eaton and Sparks Law Office
District Court of Rogers County, State of Oklahoma Cause # CJ-2002-466
October, 2007

Court Testimony
Tanya Travis VS Burgess Norton.
Eaton and Sparks Law Office
District Court of Rogers County, State of Oklahoma Cause # CJ-2002-466
October, 2007

Deposition
Dharmesh Patel et al. v. GTE, et al.
Law Office of Ed Fitzhugh
Superior Court of the State of Arizona, County of Maricopa Case No. CV2004-092571
December, 2007

Court Testimony
Bass VS Empire Southwest.
Schneider & Onofry, P.C.
Superior Court of the State of Arizona, County of Maricopa Case No. CV2004-004798
January, 2008

Deposition
Allstate Property & Casualty Ins. Co. vs. Salton, Inc., et al.
Cozen O'Connor Attorneys
Superior Court of the State of Arizona, County of Maricopa Case No. CV2006-01384
February, 2008

Deposition
Travelers Property Casualty Co. VS. Broan Nutone, LLC
Tedford and Henry, LLP
United States District Court, District of Arizona Case No. CV07-01922-SRB
March, 2008

Deposition
Tucson Unified School District & St. Paul F&M VS Thomas Built Buses, Inc.
Cozen O'Connor
Superior Court of the State of Arizona, County of Pima Case No. C20056188
May, 2008

Deposition File name: Lester Family Trust
Allstate Property & Casualty Ins. Co. vs. Electrolux
Hammerman and Hultgren, P.C.
Superior Court of the State of Arizona, County of Apache Case No. CV2007-004
June, 2008

Deposition File name: Michealieu
Farmers Insurance Co of AZ v. Rob Planty, et al
Belknap and Sittu P.C.
Superior Court of the State of Arizona, County of Maricopa Case No. CV2007-052523
September, 2008

Deposition File name: Andrews
Farmers Insurance Co of AZ v. Allen Erb, et al
Belknap and Sittu P.C.
Superior Court of the State of Arizona, County of Maricopa Case No. CV2008-050446
September, 2008

Deposition File name: Gould
American Federation Insurance Co., v. Lasko Products, Inc.
Belknap and Sittu P.C.
United States District Court, District of Arizona, No. CIV08-0647-PHX-ECV
February 2009

Deposition File name: Rimsza
Farmers Insurance v. Haskins Electric
Belknap and Sittu P.C.
Superior Court of the State of Arizona, County of Maricopa Case No. CV 2008-050895
February 2009

Deposition File name: Kwans Chinese Buffet
Central Mutual Insurance v. Victory Refrigeration
Munck Carter LLP
Superior Court of the State of Arizona, County of Maricopa Case No. CV2008-051259
November 2009

Deposition File name: Redemptorist Society
Redemptorist Society v. Peter Schwabe; JL&S Electrical
Kopon Airdo
Superior Court of the State of Arizona, County of Pima Case No. C2007-5799
November 2009

Deposition File name: Rimsza
Farmers Insurance v. Brooks Hardwood Floors
Belknap and Sittu P.C.
Superior Court of the State of Arizona, County of Maricopa Case No. CV 2008-050895
December, 2009

Court Testimony File name: Rimsza
Farmers Insurance v. Brooks Hardwood Floors
Belknap and Sittu P.C.
Superior Court of the State of Arizona, County of Maricopa Case No. CV 2008-050895
December, 2009

Court Testimony File name: Burger
GMAC Insurance vs. Newmar Corporation
GMAC Insurance
Superior Court of the State of Arizona, County of Maricopa Case No. CV 2007-011622
February, 2010

Deposition File name: Frye
Allstate Insurance vs. Electrolux
Keis George LLP
US District Court, Northern District of Ohio Cause No. 1:09-cv-00674
April, 2010

Deposition File name: Woodruff
Farmers Insurance v. Schumacher Electric Corp.
Belknap and Sittu P.C.
United States District Court, District of Arizona Cause No. 09-01266 PHX MEA
June, 2010

Deposition File name: Opie
Douglas and Valerie Opie, v. Country Home Products/Neuton Inc.
Coppie and Copple
United States District Court, District of Arizona Cause No. CIV-08-1716-PHX-DKD
January, 2011

Deposition File name: Sloan
Barbara A. Sloan vs. Farmers Insurance Co. of Arizona
Jones, Skelton, and Hochuli, P.L.C.
Superior Court of the State of Arizona, County of Maricopa Case No. CV2009-033244
June, 2011

Deposition File name: Munderloh
Mark and Liz Munderloh vs. Avista Utilities
Luvera Law Firm
Superior Court of the State of Washington, Spokane County Cause No. 10200874-2
June, 2011

COURSES INSTRUCTED

Design of Overhead and Underground 12kv Distribution Systems – Salt River Project
1995, 1996, 1997, 1998

Design of Underground Electrical and Gas Systems – TOR Engineering, 2000

Transformer Application and Sizing – Salt River Project
1996, 1997, 1998

Applications of National Electrical Code – Salt River Project
1995, 1996, 1997, 1998

Applications of National Electrical Safety Code – Salt River Project
1995, 1996, 1997, 1998

NFPA 921 Chapter 8 – Phoenix Fire Dept. 2010

“Elimination of Electrical Fire Causes” – Phoenix Fire Dept. 2011

PRINCIPAL AREAS OF RESEARCH AND CONSULTING EXPERIENCE

~Forensic Electrical Engineering

~Electrical Fire Causes, Injuries, and Fatalities

~Electrical Failures and Explosions

- ~Auto and Machinery Electrical Systems
- ~Residential, Commercial, and Industrial Electrical Distribution Systems
- ~Industrial Electrical Controls and Instrumentation Systems
- ~National Electric Code
- ~National Electric Safety Code
- ~Engineering, Design and Construction Management of Overhead and Underground High Voltage Electrical Distribution Facilities
- ~Design of Fiber Optic Facilities Associated with Electrical Distribution
- ~Design of Underground Gas Facilities
- ~Maintenance and Reliability of Overhead Power Facilities
- ~Electrical Substation Design and Construction Management
- ~Trenching and Boring Inspections and Safety Practices
- ~Journeyman Electrician and Electrical Contractor

PROFESSIONAL ORGANIZATION MEMBERSHIPS

- IEEE – Institute of Electrical and Electronics Engineers
- NFPA- National Fire Protection Association
- IAAI – International Association of Arson Investigators
- USERC – Utility Service Entrance Requirements Committee
- AEI – Association of Electrical Inspectors
- PACN – Phoenix Area Consultants Network
- CTFIA-Central Texas Fire Investigators Association