

Behrens Engineering Investigations, LLC

PO Box 39492
Phoenix, AZ 85069
Phone: 602-228-3625
Fax: 602-595-5447
Email: tbehrenspe@cox.net
Website: BehrensEngineeringInvestigations.com

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BEHRENS ENGINEERING INVESTIGATIONS UPDATE

The arrival of cooler weather and fall season marks the 8-year anniversary of Behrens Engineering Investigations (BEI). Fall is by far my favorite time of the year after surviving another long hot Phoenix summer and looking forward to celebrating my favorite holiday, Thanksgiving.

Of course all of us Phoenicians can also look forward to our Cardinals being the first team in NFL history to host and play in the Super Bowl on February 1, 2015 (my pipe dream anyway).

The years have gone by fast and I sincerely thank you for your business and trust in BEI for providing engineering expert services.

The goal and mission of BEI from day one has been:

***To provide Professional, Thorough, Timely and Cost-Effective
Forensic Engineering Expert Services***

The diversity of failures, accidents and fires that I have investigated over my 31 year career has provided vast experience and a unique skill set to “think outside the box” in the forensic engineering practice. This diversity combined with a methodical, detailed and inquisitive approach results in providing solid engineering and scientific based answers to explain the “hows” and “whys” of an incident in an understandable way.

BEI provides a wide variety of forensic engineering expertise, including:

- **Motor Vehicle Fire Origin and Cause**
- **Motor Vehicle Failure Analysis (Fuel Systems, Brakes, Steering, Throttle Systems, Restraints, Tires, Suspension, Engine, Transmission, Electrical)**
- **Heavy Truck, Motorhome, Bus, RV & Agricultural Equipment Fire Origin and Cause**
- **Industrial Equipment Fire Origin and Cause (Generators, Pumps, Compressors, Manufacturing Equipment, Landfill Equipment)**

- **Natural Gas & Propane System Fires & Explosions (Gas-Log Fireplaces, Gas Grills, Regulators, Furnaces, Appliances, HVAC systems)**
- **Solid Fuel Burning Appliance Fires (Wood-Burning Fireplaces & Stoves, Wood Pellet Stoves)**
- **Water Loss Origin and Cause / Water Intrusion Analysis**
- **Fire Sprinkler System Water Loss Investigations**
- **Plumbing System Failure Analysis (water heaters, water supply lines, RO systems, faucets, pressure reducing valves, toilet tanks, drain systems)**
- **Industrial and Consumer Product Accidents (machine guarding, crane accidents, product safety analysis)**
- **Residential and Commercial Building System Failures (construction defect, foundation, roofing, flooring, water intrusion, HVAC, mold and building envelope issues)**
- **Building Premises Liability Accidents (slip/trip and fall, stairway, slip resistance testing, ladder, automatic doors, lighting & visibility issues)**
- **Motor Vehicle Accident Reconstruction**
- **Low Speed Vehicle Impact Accident – Injury Potential & Damage Feasibility Analysis**
- **Evidence Storage Services conforming to ASTM & NFPA Standards**

Please check out my website for the latest Testimonials and Photos that have recently been added as well as my updated CV that includes recent training in the investigation of fireplace fires and tire failures.

Please feel free to contact me at anytime (email or phone) - I am here to serve you and the reason I am in business is because of you.

HAPPY THANKSGIVING!



Timothy C. Behrens, P.E., CFI, CFEI, CVFI, ACTAR