

CURRICULUM VITAE

CRAIG KOEHN, P.E. – Principal/Senior Project Manager

Education:

M.S. Industrial Engineering
B.S. Architectural Engineering
Post Baccalaureate Studies in Electrical Engineering
Certified Fire Investigator by Peter Vallas Associates

Continuing Education through I-ENG-A and FEWA:

Vehicle Black Box and Air Bag Investigations
Human Factors Aspects of Investigation
Mold Origin and Cause Testing and Investigation
Infrared Technology
Fire Alarm/Fire Protection Systems Investigations
Mechanical Equipment Failure Investigations
Catastrophe Investigations
Metallurgical Investigations
Fire Investigations/NFPA 921,1033/Scene Investigation
Vehicle Accident Reconstruction
Slip and Fall Accidents
Hail and Wind Damage Investigations
Moisture Intrusion/ Envelope Construction
Blasting Damage Investigations
Environmental Investigations
Piping Failure Investigations
Product Failure Investigations
Motor Vehicle Fire Investigations
NFPA 72 National Fire Alarm Code
NFPA 70 National Electrical Code
NFPA 13/14 Fire Protection Systems/Water Supply
NFPA 20 Fire Pumps
NFPA 90A Fire Dampers
NFPA 517 Health Care Facilities
Engineering Ethics
Experts Role in Legal Cases/Expert Reports
Elevator Accidents
Electrical Circuit Breakers/IEEE1584 Arc Flash Calculations/Safety Standards
Electrical Power Generation and Distribution/Critical Power
Construction Defects Investigations
Arc Flash Avoidance/Fault Current Calculations
Kitchen Ventilation/Make-up Air
Laboratory Fume Exhaust
COVID Mitigation Strategies for HVAC
ASHRAE 90.1 Commissioning Requirements Changes
ASHRAE 62.1 Indoor Air Quality
Lithium Batteries Fire Hazards
Fire Protection Corrosion Management
Water Proofing
Solar Power Material Selection
Hazardous Materials/PFAS Chemicals
Pressure and Atmospheric Vessels
Lightning Strikes
HVAC Refrigerants
Water Damage Investigations



EBE/I-ENG-A®

12603 Southwest Freeway, Suite 170
Stafford, TX 77477

Phone: 713-840-0177
Email: ckoehn@ebeemce.com

Registration:

Texas, Louisiana, Arkansas, Ohio, Florida, California, New Mexico, Arizona, Virginia, Oklahoma, Missouri, North Carolina, Idaho, and the National Council of Examiners for Engineering and Surveying

Professional Affiliations:

Illuminating Engineering Society (IES)
National Fire Protection Association (NFPA)
Investigative Engineers Association (I-ENG-A)
American Society of Testing and Materials (ASTM)
Forensic Expert Witness Association (FEWA)
American Society of Civil Engineers/Architectural Engineering Institute (ASCE/AEI)

Experience:

During his more than 40 years of experience, Craig Koehn has developed strong engineering and management skills. Craig founded EBE/I-Eng-A as an electrical/mechanical/investigative engineering services company providing quality engineering services for urban business environments. Craig's proactive management and attention to detail are keys to his proven track record with projects that have challenging constraints. Craig has specialized in the design and investigation of mechanical, electrical, plumbing, fire alarm and fire protection systems for buildings of all types and sizes. The following are a sample of projects that Craig has managed and investigated:

Storm Damage Assessments

1020 Holcombe, Houston, Texas
6002 Rogerdale, Houston, Texas
802 Jackson Hill, Houston, Texas
7419 Red Robin, Houston, Texas
6806 Trail Loop West, Rosharon, Texas

Fire Investigations

Car Wash Fire, Spring, Texas
Vehicle Fire, Highlands, Texas
Truck Fire, San Antonio, Texas
Truck Fire, Houston, Texas
Shop Fire at Rice Elevator, Chesterville, Texas
Superior Body Fire Investigation, Stuttgart, Arkansas
House Fire, 4218 San Domingo, Galveston, Texas
House Fire, 5922 Amber Rose, San Antonio, Texas
Grill Fire, 1851 Hoffman, New Braunfels, Texas
Enclave at Round Rock, Round Rock, Texas
Fireplace Fire, 7817 CR 1005, Godley, Texas
House Fire, 304 Chisholm Ridge, Rockwall, Texas

Investigative Projects

Altus Baytown EMF Study, Baytown, Texas
Methodist Hospital Fire Protection Studies, Houston, Texas
10777 Westheimer Outside Air Study and Electrical Study, Houston, Texas
11 Greenway Plaza VFD Study and Lighting Evaluation, Houston, Texas
1020 Holcombe Fire Protection Study, Generator Study, and Make-Up Water Study, Houston, Texas
1111 HWY6 South Electrical Study and HVAC Study, Houston, Texas
5 Post Oak Park Skybridge HVAC Study, Domestic Water Study, and Fire Protection Study, Houston, Texas
Plumbing Study, 1801 Main, Houston, Texas
Merfish Piping Daylight Study, Houston, Texas
Bechtel HVAC Studies, Houston, Texas
HVAC Study, 4018 Falvel, Spring, Texas
3050 Post Oak Fire Protection/Generator Study and Water Damage Investigation, Houston, Texas
Universal Pegasus HVAC Study, Houston, Texas
Vehicle Ignition Investigation, Houston, Texas
Corley Street Construction Damage Investigations, Beaumont, Texas
Plumbing Study, 3040 Post Oak, Houston, Texas



Investigative Engineers Association Member Firm

www.ienga.net

Altus Beaumont HVAC Study, 310 North Eleventh, Beaumont, Texas
Novum Electrical Study, 11300 Richmond, Houston, Texas
Piatto HVAC Study, 1111 Studewood, Houston, Texas
Davita Electrical Power Investigation and Illumination Study, Coppell, Texas
HCISD Cano Freshman Academy HVAC Investigation, Harlingen, Texas
SLSH HVAC Study, Sugar Land, Texas
Water Damage Investigation, 450 FM 2938, Buna, Texas
HVAC Study, 4888 Loop Central Drive, Houston, Texas
Fire Pump Study and Bus Riser Study, 2000 West Loop South, Houston, Texas
HVAC Study, 10130 Ocean Drive, Beach City, Texas
HVAC Study, 1955 Sheridan, Houston, Texas
HVAC Study, 20610 Crownstone, Richmond, Texas
HVAC Study, 732 Ourlane, Houston, Texas
HVAC Study, 4011D Lanark Lane, Houston, Texas
HVAC Study, 6327 North Sam Houston Parkway, Houston, Texas
HVAC Study, 4063 Grennoch, Houston, Texas
Electrical/Lightning Investigation, 18334 Muir Glen, San Antonio, Texas
Electrical Study, 1907 Club View Drive, Amarillo, Texas
HVAC Study, 20610 Crownstone, Richmond, Texas
HVAC Study, 3763 Bellaire, Houston, Texas
HVAC Study 26 Southside Circle, Houston, Texas
Plumbing Investigation, 18908 Double Canyon, Austin, Texas
Leidos HVAC Study, 555 Forge River, Webster, Texas
Exhaust Fan Investigation, 625 Main Street, Houston, Texas
Fire Station HVAC Investigations, 14901 Walter Woodson and Highway 105, Conroe, Texas
HVAC Investigation, 2100 Village Court, Sugar Land, Texas
Fire Sprinkler Investigation, 3200 Southwest Freeway, Houston, Texas
Plumbing Investigation, 1219 Beechbend, Missouri City, Texas
Southern Komfort HVAC Investigation – 2501 Underwood Road, LaPorte, Texas
Plumbing Investigation – 10120 Greenhouse Road, Cypress, Texas
HVAC Study, 200 Galbert Road, Lafayette, Louisiana
HVAC Study, 12422 Mossycup, Houston, Texas
Water Damage Investigation, Galleria, Houston, Texas
Water Damage, 9750 Bellaire, Houston, Texas
Berachah Church HVAC Study, 2815 Sage, Houston, Texas
HVAC Study, 15767 HW185E, Port O'Connor, Texas
HVAC Investigations, League City, Texas (four cases)
Electrical Investigation, 14215 Fenton, Sugar Land, Texas
HVAC Study, 825 West 30th, Houston, Texas
HVAC Study, 2138 Colquitt, Houston, Texas
HVAC Study, 15622 Oyster Cove, Sugar Land, Texas
HVAC Study, 11702 Monica Lane, Houston, Texas
HVAC Study, 8304 Sorrel Leaf, Houston, Texas
Electrical Investigation, 9220 North IH35, Austin, Texas

Facility Condition Assessments

Amegy Banks, League City and Spring, Texas
2625 Louisiana, Houston, Texas
17270 Red Oak Drive, Houston, Texas
1305 Prairie, Houston, Texas
SAVA, Jacinto City, Texas
8945 Longpoint, Houston, Texas
11300 Richmond, Houston, Texas
5884 Point West, Houston, Texas
River Oaks Hospital, Houston, Texas
Imperial Medical Center, Houston, Texas
American Bureau of Shipping, 16855 Northchase Drive, Houston, Texas
5656 Bee Caves Road, Austin, Texas
10815 RM 2222, Austin, Texas
718 Elizabeth, Corpus Christi, Texas
3534 Vista Road, Pasadena, Texas



1730 Jefferson, Houston, Texas
 3517 Pinemont, Houston, Texas
 15 Smith Road, Midland, Texas
 643 and 643A Highway 45, Huntsville, Texas
 1353 Witte Road, Houston, Texas

Deposition/Trial Experience

AIM Investments, LLC vs. United National, etc., Harris County District Ct., Cause 2010-37580 (depo. /trial)
 Mennen T. Gallas, M.D. vs. North 16, etc., Harris County District Ct., Cause 2011-15444 (depo. only)
 Hough vs. Herzog, LaFayette County Circuit Ct., Missouri at Lexington, Case #15LF-CV00242 (depo. only)
 Electrical Investigation, Williams vs. C&H American et al, Harris County District Ct., Cause #2017-08799 (depo.)
 Hartung vs. 5177 Builders, Arbitration Case #01-18-0001-9656, Harris County, Texas (depo. and arbitration)
 Clay vs. 5177 Builders, Arbitration Case #01-18-0001-7174, Harris County, Texas (depo. and arbitration)
 Forrester vs. 5177 Builders, Arbitration Case #01-18-0001-9657, Harris County, Texas (arbitration)
 Pizza Oven Investigation, Cobb vs. Hansen, Dallas County, Texas, 44th District Court, Case #DC-16-06461 (trial)
 K&G Estates vs. 5177 Builders, Arbitration Case #01-19-0004-5618, Harris County, Texas (depo. and arbitration)
 Turnbaugh vs. Brookstone, Arbitration Case #01-20-0005-3247, Harris County, Texas (depo. only)
 Sweatt vs. Partners in Building, Arbitration Case #012100027146, Harris County, Texas (depo./trial)
 Anil Mittal, Nilima Bodalia vs. Calatlantic Homes, American Arb. Case #01-21-0016-2887, Harris Co., TX (depo.)
 RMP vs. Advantage Interests, Cause No. 2023-29603, Harris County, Texas, 190th Judicial District (depo.)
 Sharief, Anwar vs. Darling Homes of Texas, Case #01-21-0016-5694 American Arb. Assoc, Harris Co., TX (depo)

Legal Case Consulting

Report Review, Brian J. Bova vs. Professional Drain Inspectors, Harris Co. District Ct., Cause #2014-12412
 Fire Alarm Evidence Investigation, Bailey vs. JAMC, Jefferson Co., Texas, District Ct., Cause #D-196,617
 Hot Water Investigation, John Williamson vs. Chatham Houston, Harris County District Ct., Cause # 2015-66842
 HVAC Inves., Triad Const. vs. Design Group Services LLC, Brazoria County 149th District Ct., Cause #84012-CV
 HVAC Investigation, Trawill vs. Lott Brothers, Travis County District Ct., Cause #D-1-GN-14-004503
 HVAC Investigation, Little Wolf Holdings vs. Urban Construction, American Arb. Assoc., Case #01-16-0005-0546
 Electrical Investigation, Oakwood Lake Jackson vs. LJRC
 Water Damage Investigation, Costly vs. Aquakleen, Harris County, Texas, 157th District Ct., Case #2017-65274
 HVAC Investigation; Martinez-Salgado vs. Vazka, Montgomery Co., Texas, District Court, Case #17-06-07292
 Plumbing Fitting Investigation; Bryche vs. Folkerts, Collin Co., Texas, 416th District Court, Cause #416-00152-2019
 HVAC Investigation; MDM vs. DDG, Collin Co., Texas, 429th District Court, Cause #429-6183-2018
 Water Damage Investigation; Hilltop vs. Inframark
 Plumbing Investigation; French Twist vs. Henthorn, Lubbock Co., Texas, 237th District Ct., Cause #2018-529-769
 Tire Mulcher Investigation; Roadrunner vs. ELGI, 421st District Ct., Caldwell Co., Texas, Cause 20-O-300
 Hot Water Inves., Dwight McDonald vs. High Sierra Management, 269th District Ct., Harris Co., TX, #2022-26902
 Sewer Odor Inves., Kennedy Roofing vs. LJ Parkway, 434th Judicial District, Ft. Bend Co., TX, #21-DCV-280353
 Valvina Sandres vs. Warbird Tubular Processors, Cause #2023-48632, 129th District, Harris Co., TX

Prior Experience

2001 – Present	E/B/E, Inc., President/Senior Project Manager. Provides drawings and specs for many different types of buildings including commercial, healthcare, retail and restaurant, light industrial, religious and community buildings, and equipment replacement projects. Also do investigative projects.
1990 – 2001	Wylie & Associates, Vice President/Project Manager/Production Manager. Specialized in MEP design for a wide range of occupied buildings including commercial, healthcare, retail, light industrial, and residential. Also did investigative projects.
1982 – 1990	I.A. Naman + Associates, Project Engineer. Specialized in mechanical/electrical engineering for large commercial buildings. Also did investigative projects.

