

DOUGLAS J. BAROVSKY, P.E. 206.957.2141
VP, Electrical Engineer

Specializing in investigation, testing, analysis and documentation of product failures involving electrical, electronic and gas appliances and equipment. Fire investigations in residential buildings and commercial facilities. Electrical accident investigation and analysis. Investigation and analysis of aircraft accidents and failures.

LOUIS F. BILANCIA, P.E. 503.344.0023
Principal, Electrical and Electronic Engineer

Electrical and Electronic Engineer for forensic and consulting cases. Professional engineer in the state of Oregon, specializing in fire origin & cause investigation, including those with electrical activity involved as possible cause. Biomedical design experience with implanted pacemakers and defibrillators, and design/ programming of industrial laser control, lumber sorting, and precision electronic instrumentation.

BASRI BASRI, P.E., S.E. 206.622.2007
Associate - Structural Engineer

Specializing in forensic evaluation of structures of wood, steel, concrete and masonry, and for seismic, wind and snow damage.

KEITH G. CLINE, P.E. 206.957.2153
President, Metallurgical and Materials Engineer

Specializing in failure analysis of materials and components used in various systems and manufacturing process design, as well as material selection and heat-treatment consultation. Forensic investigations include plumbing fixtures, transportation, and industrial equipment. Extensive failure analysis and testing of plastics, metals, rubber and other materials.

JENTRY CRAIN, CFEI 907.315.2618
Accident / Forensic Investigator

Specializing in traffic accident, fires, and other field investigations in the State of Alaska. He is an experienced police officer specializing in traffic enforcement. He also has a background in explosive ordnance disposal, aviation, woodland firefighting, construction, heavy equipment operation, metal fabrication and welding.

SUSAN EVANS, CIH, CSP, P.E. 206.957.2154
VP, Civil Engineer and Certified Industrial Hygienist

Specializing in forensic civil engineering, evaluation of construction defects of a variety of building component types and systems, and water infiltration. Industrial hygiene investigations including indoor air quality, microbial contamination, water quality, worker exposure assessments, regulatory agency compliance, asbestos and lead management remediation, abatement support, construction safety, slips and falls, and WISHA/OSHA compliance. Safety investigations including slip, trip and falls, building code compliance and construction safety.

MICHAEL M. FITZ, P.E. 206.321.1804
Past President, Mechanical & Civil Engineer

Specializing in fires, explosions, large loss expert coordination, and mechanical, material and electrical failures, including analysis of fire protection, suppression, detection and alarm systems, code and building construction analysis, piping, pumps, water supply, inspection and testing. Research involving the behavior of appliances and materials in fires and explosions, electrical arcing and related failures. Investigation into high temperature accelerants including chemical composition, ignition and burning temperatures, and full-scale testing.

ASHLEY M GIESA, P.E. 206.957.2156
VP, Mechanical Engineer and Industrial Hygienist

Specializing in ventilation and plumbing systems, green building systems, refrigeration and appliance evaluation. Accident reconstructions including low speed, time-distance and perception-reaction analysis, motorcycle, bicycle and passenger car collisions and event data recorder extraction. Building construction defect analysis, regulatory and code compliance. Industrial hygiene investigations incl. indoor air quality, microbial contamination, air sampling, etc.

PAUL J. JOSTEN 206.957.2148
Sr. Drafter/Designer, Forensic Technician

Specializing in CAD design, model building, design and fabrication of unique test fixtures, installation of instrumentation, construction of data acquisition equipment, and operational testing.

DALE C. MANN 206.957.2145
VP, Senior Forensic Chemist

Specializing in chemical analysis and research, and forensic investigations requiring analytical skills. Expertise includes fire and bombing scene origin and cause investigation, general forensic investigation, drugs/hazardous materials issues, chemical manufacturing/tampering, chemical failure analysis, environmental contamination, and general chemical-related investigation. Also responsible for the chemical and physical/microscopic characterization of paints, plastics, and polymers.

MARK G. NORDSTROM, P.E. 206.957.2144
VP, Civil Engineer, Legal Graphics

Specializing in forensic engineering, research, site investigation, and project management. Digital 3D modeling, graphics, animation and interactive multimedia.

MICHAEL V. SCHOENECKER, CVFI, CFEI 206.957.2147
Vehicle Fire Expert

Specializing in inspection of all types of motor vehicles to determine causes of fire or system failures. Cases include passenger vehicles, light-duty trucks, heavy-duty trucks, motor-homes, buses, heavy equipment, logging equipment, and recreational vehicles. Forensic analysis of vehicles involved in fires, accidents, theft, and mechanical failures.