

I-ENG-A® OF WYOMING
A Division of Edge Engineering Group, LLC
Professional Forensic Engineering

**A MEMBER FIRM OF THE
INVESTIGATIVE ENGINEERS ASSOCIATION**



- Asbestos & Chemical Exposure
- Construction Defects
- Foundation Settlement
- Slip & Fall Reconstruction

- Accident Reconstruction
- Expert Witness Testimony
- Industrial Accidents
- Water Intrusion

- Appliance Damage
- Fires and Explosions
- Property & Structural
- Work Environment Issues



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4760 Ross Ridge Road
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MISSION STATEMENT

I-ENG-A® of Wyoming, A Division of Edge Engineering Group, LLC is committed to presenting its insurance and litigation clients a diverse yet experienced and cost-effective group of professional forensic experts that can provide investigative support and assist in the control of soaring claims settlement costs.

Client service is a day-by-day commitment, by the principals and staff, to excellence.

Investigate - Educate - Resolve

I-ENG-A® of Wyoming, A Division of Edge Engineering Group, LLC was founded to provide the insurance claims industry, legal and other client representatives with a single source of contact for expertise and information relating to the forensic engineering. It is the goal of the company and its associates to provide clear, concise and comprehensive information, findings and conclusions to claims adjusters, attorneys and risk management professionals in a professional, timely and cost-effective manner.

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CORPORATE PROFILE

I-ENG-A® of Wyoming is the forensic division of Edge Engineering Group, LLC. The firm is a member of the Investigative Engineers Association (I-ENG-A®). I-ENG-A® was founded in 1991 as the first association of forensic and investigative engineers doing business with the property and casualty insurance industries. Being a member of I-ENG-A allows the member firm to tap into forensic engineering resources regarding claims investigation. No single firm, no matter its size or how broad based its coverage, can possibly provide the level of service and combined resources that the national network of I-ENG-A can offer.

Edge Engineering Group, LLC has been providing Professional Engineering Services since 2016, primarily in the Civil, Structural & Environmental and investigation fields. Edge Engineering Group, LLC joined the I-ENG-A network in an effort to afford their clients with additional services.

Edge Engineering Group brings 19 years of experience of professional engineering for design, construction, permits and management, including roads, canals, dams, bridges, landfills, water systems, buildings and subdivisions, both private and commercial.

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INVESTIGATIVE ENGINEERS ASSOCIATION EXPERTISE

I-ENG-A® of Wyoming A Division of Edge Engineering Group, LLC has the ability to draw from the diverse resources of the Investigative Engineers Association network of forensic engineering firms. Additional expertise, when needed, as available through I-ENG-A® of Wyoming A Division of Edge Engineering Group, LLC in the following disciplines:

AISC Steel Erection	Geosynthesis	RCRA Hazardous Waste
ANSI	Geotechnical	Recreation Centers
API	Grading Issues	Refrigeration Systems Design
ASME	Ground Water/Storm Water	Regulatory Technician
ASTM	Hazardous Waste and Nonhazardous Waste	Replacement Costs
AWS	Health and Safety (CIH)	Reservoirs
AWWA	Heavy Equipment Failure Analysis	Risk Management/Risk Analysis
Acoustic Emission	Gun Design	Road Construction
Analytical Chemistry	High Voltage Transmission and Power Generation (Commercial, Residential and Industrial)	Road Geometrics
Architectural Design and Design Practices	Highway and Work Zone Safety	Roof Systems
Asbestos	Household Appliances Fire Investigation	Safety Belt Usage
Biochemistry and Bioinstrumentation	Human Factors (Accident Reconstruction)	Sanitary
Blasting	HVAC Design	Security
Bridges and Roadways	Hydraulics and Hydrology	Septic Failures
Burner Malfunctions	HVAC&R Mechanical Systems	Sick Building Syndrome
Building and Land Surveying	Hydrogeology (Geologist)	Site Design
CERCLA RI/FS Investigations	Indoor Air Quality (CIH)	Slip and Fall Analysis
Building Codes and Contract Administration	Industrial Power Systems	Slope Stability
Chemical and Nuclear Waste Issues	Industrial Hygiene (Mold, Fungi, Bacteria)	Soils and Geologic Investigations
Civil Engineering	Industrial Safety and Operation	Sprinkler and Fire Suppression System
Computer Based Analytical Methods	Landfills	Sprinkler Discharge
Concrete Failures	ISO14001	SSPC Industrial Painting
Construction Defects	Leaks	Steel and Wood-framed
Code Interpretation	Levees	Support Structures
Controls System Engineering and Construction	Lightning Damages/Determination	Storage Process Tank Inspectors
Crane Collapse	Liquid Penetrant	Storm Water
Dams	Litigation Support	Structural Engineering
Construction Practices and Safety	Low Voltage Distribution Systems	Structural Fire Investigation
Design	Machining and Machine Design	Surveying
Dikes	Magnetic Particle	Surveying Disputes
Drainage	Materials of Construction	Tanks Testing Programs
Earth Movement	Materials Science	Traffic Accident Reconstruction
Eddy-Current	Mechanical Design/Failure	Traffic Accidents and Roadway Geometrics
Electrical Controls and Failures	Medical Instrument Design	Traffic Law
Electrical Fire Cause and Origin	Micromachining and Instrument Analysis	Ultrasonic
Electrical Injuries	Mining	UST/AST
Electrical Utility Power Systems	Moisture Surveys (Roofs, EIFS, Floors)	Utilities and Drainage
Environmental	Mold Investigation	Vehicle Fire Investigation
Environmental Management and Remediation	Mold Remediation Planning	Vehicular Mechanical Investigations
Failure Analysis (Mechanical/Civil)	NCE	Vessel and Pipe Rupture
FDM-Confining Space Entry and Rescue	Oil and Gas	Vibration
Fire and Arson Investigation	Paving	Visibility Concepts
Flooding/Flood Control	Pipelines	Visual Testing
Fluid Handling Systems	Post Office- Multiple Design	Waste Water
Footings	OHSA, ADA, Building Code Evaluations	Water Management
Foundation Failure	Product Failure/Liability	Water Quality
Structural Analysis	Project Management	Welded Fittings
Foundation Walls	Radiographic	Wind Storm Damage
Freeze-Ups	Railroads	Wind, Floor and Fire Damage Assessments
Gas Explosions		Wood Trusses
		Zoning and Planning

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APPROACH & PROCESS

Our investigative services extend to clients in all areas of insurance, loss, and loss mitigation. Typically, an assignment begins with a phone call, letter, fax or email from a potential client. During the initial client interview process, we request certain specific information relating to the case. Items such as the following may be discussed:

- Type of loss
- Date of loss
- Name and address of Insured
- Name and address of Claimant, if different
- Policy number
- Claim Number
- Name and telephone number of contact person at Adjuster's Office
- Estimated value of claim
- General outline of policy coverage

Edge Engineering Group, LLC
has established an exceptional
reputation for outstanding service
by providing its clients with
dedicated and skilled personnel
committed to their work.

Additionally, we solicit other general information that may be available:

- Any records and documents already obtained or available
- Any pertinent information in Adjuster's file
- Circumstances of this loss

If no records or documentation are available from a client or adjuster, we may choose to prepare additional requests for data, directly to the parties involved, their representatives, or any associated insurance providers always copying our client on the communications. Depending on the circumstances, we may also contact the parties involved to arrange an appointment and begin the forensic investigation at the location of damage, loss, or accident.

If the client has obtained records and documents, we will request that they be forwarded to us. After examination, we will consult with the client to agree on the plan for the investigation.



OUR POLICY IN CASE HANDLING

1. **I-ENG-A® of Wyoming A Division of Edge Engineering Group, LLC** will hold an initial discussion with you (the client) at no charge to validate the need for a case assignment.
2. When you offer the assignment, and we accept the assignment, we mutually agree on the initial phase(s) of the investigation, acceptable hours/charges (or not to exceed).
3. As we complete each phase of the assignment, we will provide you an oral report. You provide us with one of the following directions:
 - a. You decide no further analysis is required, and authorize our final billing.
 - b. You decide the analysis is complete, direct us to submit a written report, and authorize our final billing with submission of the report.
 - c. You decide to continue with the next phase of the assignment.
4. If you decide to continue the assignment, you may expect the following:
 - a. You have authorized us to proceed; we will formally acknowledge the assignment, and submit a final bill for the analysis.
 - b. With the bill, we will submit additional time/charge estimate for completing the next phase of the assignment and an amount of the deposit required to begin the phase.
 - c. During the assignment, we will provide you verbal progress reports at least every two weeks, and submit monthly progress billing.
 - d. When we complete the assignment, we will provide a complete verbal report, which we will formalize in writing only upon your authorization to do so.
 - e. We will submit a written report (if you have authorized one) and a final billing.
5. We will provide you with timeliness and the services of qualified experts through our direct staff, our substantial resources and those of the Investigative Engineer's Association. We will handle our assignments in a cost effective manner leaving you in control at all times.



EDGE ENGINEERING GROUP, LLC

Jason Knopp, PE



PRINCIPAL/SENIOR ENGINEER

- 3 years with WYDOT
- 6 years with Great West
- 7 years with City of Casper
- 3 year with Edge Engineering Group

EDUCATION

- University of Wyoming, BS, Structural Engineering, 2002

PROFESSIONAL REGISTRATIONS

- Professional Civil Engineer, WY, MT, ID, SD
- American Water Works Association
- Wyoming Society of Professional Engineers

PROFESSIONAL TRAINING:

- AutoCADD 3D
- Right-of-Way design
- Deed writing
- Grant writing
- Design of Geosynthetic Reinforced Flexible Pavement
- ACI Certification - Concrete Rehabilitation
- ADA Compliance
- Bicycle and Pedestrian Facilities
- Urban Design
- Radiation Safety Training
- OSHA 30 Hour
- Wyoming State Engineers Dam n Certification
- WYDEQ - Water Quality Certified Storm Water Trainer

Jason Knopp is the Principal and Senior Engineer with 19 years of experience as a project manager, design engineer, construction engineer and surveyor. Jason graduated from the University of Wyoming in 2002 with a structural engineering degree, however, is currently practicing as a licensed civil engineer.

Jason worked for Great West Engineering in Helena, MT out of college and worked for them for seven years. While working with Great West he managed projects including roadways, community Capital Improvement Plans, feasibility studies, smaller bridges, underpasses, stream restoration, storm water design, sewer lagoon treatments with land applications, various water line projects, and several pedestrian safety projects.

Moved to Casper, WY in 2009 working for the City of Casper as an associate engineer, and was shortly promoted to City Engineer. While with the city, he worked on various projects with all the facilities the city owned, operated, and managed. Participation of each project ranged from doing the full design, managing a design team, construction management, or construction inspection.

Regional Landfill: New lined landfill cells, construction of a biosolids treatment facility, new landfill gas collection control system, expanded transfer station, permitting and regulations including its own SWPPP and Tile V air permit, updated CIP, ongoing ground water and landfill gas monitoring, and various operational buildings.

Water System: Numerous water line replacement and upgrades, transmission lines and distribution lines, booster stations, operational pressure valves with zone isolations, water tank rehabs, water fill stations.

Water Treatment Plant: well rehabilitation, new emergency power and switch gears, new variable speed pumps, and new backwash supply tank.

Waste Water Treatment Plant: New floating digester lids, emergency power and switch gear, SWPPP permit operation and updates, automatic self-cleaning screens, and updated CIP.

Sewer Collection: numerous sewer line replacements and upgrades, manhole rehabilitations, sewer pipe lining, and sewer relief lines.

Storm Water: storm sewer line repair, line rehabilitation, line upgrade, regional detention pond management, ski resort water collection pond to be used for snow making, and stream bank stabilization and restoration (with the largest project including the North Platte River Restoration, seven miles of river reconstruction at an estimated price of 20 million, with two phases completed before I left the city at a cost of 3.5 million.)

Buildings: Fire Station No. 6, Casper, WY, Residential foundation stabilization, Renovation of the Town Hall in Sinclair, Wyoming, Historic restoration of Sinclair, Wyoming's downtown theater.

NATIONAL CLIENTS LIST

The Investigative Engineers Association (I-ENG-A®) network has worked with most major insurance companies since its inception in 1991. Following is a list of many of the companies who have used our services. If you require further information, please email your request to info@ienga.com.

AAA	Continental	Hamilton Farmers' Mutual	Parkway Insurance
Acuity, Inc.	Continental Western Group	Hanover Insurance Company	Peerless Insurance
Adjusters International	Corporate Claims Management	Harbin Adjusters	Pekin Insurance
Aetna	Corrick, Peter & Associates	Harleysville Insurance Company	Pilot Insurance
AIG Claims Services	Country Companies (CCI)	Hartford Ins. Group	Preferred Risk Mutual
Allied Group Insurance	Crawford & Company	Heritage	Prudential Insurance
Allstate Insurance Co.	Crawford & Company (Crum & Forster)	Home Insurance Co.	Prudential-LMI Commercial Insurance Co.
American Family Insurance	Cumberland Insurance Group	Hoosier Insurance	R. Ian Pepper Insurance Adjusters, Inc.
American Fire and Indemnity	Custard Insurance	Hubanks & Kendall, Inc.	RBT Adjusters, Inc.
American Hardware Insurance	Economical Mutual Ins. Co.	INA Insurance Co.	Republic Insurance Group
American Indemnity Group	EMC Insurance Company	Indiana Farmers Mutual	Royal Insurance
American States Insurance Company	Employers Mutual Insurance	Indiana Insurance	Safeco
Amerisure	Encompass Insurance	Island Insurance Companies	Sams & Associates
Ameriprise	Erie Insurance Group	ITT Hartford	Sazant, Grenier & Assoc.
Amherst, Inc.	Evans & Dixon	Kemper Insurance	Scheppers O'Brien
Amica	Excelsior Exchange	Lashley & Bear	Scottsdale Ins. Co.
Amica Mutual Ins. Co.	Farm Bureau	Law Offices of Cozen & O'Conner	St. Paul Fire & Marine
Anthem Insurance Company	Farmer's Home Mutual	Leamon Adjusting Co.	St. Paul/Travelers Insurance
Appalachian Claims Service	Farmers Insurance Group	Lemars Mutual Insurance	Stivers & Powers
ARM	Farmers Mutual of Nebraska	Liberty Mutual	State National Insurance
Armed Forces Insurance	Federated Mutual Insurance Co.	Lindsey Morden Claim Services, Inc.	Tessier & Associates/Halifax Ins.
Associated Claims Service	Fidelity National Insurance	LMI	The Shelby Insurance Group
Associates Insurance Adjusters	Fireman's Fund	Lyons, Brandt, Cook & Hiramatsu	The Hartford
Atlantic Mutual Insurance Co.	First Insurance Company of Hawaii	Markel Insurance Company of Canada	TIG Insurance Group
Auto Owners Insurance	Francis, LaBrash, Quibell, & Associates	Maryland Casualty	TransAmerica (Now TIG)
Bankers & Shippers	Frontier Adjusters of Hawaii	Maryland Insurance Group	Travelers Insurance Co.
Bierman-Condroy	GAB Business Services, Inc.	Meredith Adjusting Service	Travelers Property Casualty
Bi-State Claims	GAB Robins	Mid-Continent Casualty	Travelers
Billings Adjusting Service	Gallagher Bassett	Miller's Mutual Ins. Co.	UCIG
Boat US	Garden City Claim Service	Morse, David & Associates	U.S.F. & G.
Buttner Associates	Gay & Taylor	Motorists Insurance Co.	Underwriters Adjustment Bureau
Cal Farm	General Accident	Motorists Mutual Insurance	United Fire Group
Cannon Cochran Mgmt. Svcs, Inc.	Germantown Mutual	MPI	USAA
Canyon State Insurance	Global Claims Service	MSI Insurance	Utah Home Fire Insurance
Central Texas	Gore Insurance	National Interstate	Wausau Ins.
CNAA Property Claims Division	Goward, Inc.	Nationwide Insurance Co.	West Bend Mutual
CGU	Grange Mutual Casualty	Nixon & Company	Western National Assurance
Chrysler Insurance	Grange Insurance Associates	Nodak Mutual Insurance Co.	Westfield Companies
Chubb Group	Great American Insurance	Northbrook Insurance	Zurich North American
Church Mutual Insurance	Great Oaks Insurance Co.	Nova Casualty Company	ZC Sterling Insurance
Cincinnati Insurance Co.	Guardian Insurance	Ohio Casualty Group	
CNA Insurance	Guide One Insurance	ORION NATIONAL	
Columbia Insurance Company	Halifax Insurance	Pacific Insurance Company	
Commercial Insurance			
Commercial Union Ins.			

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ORDER FORM

There are several methods to order a claim investigation:

1. Complete this form and email to wyoing@ienga.net
2. Call and place a verbal order at (307) 797-1224 and/or (307) 797-0832
3. Go to <http://www.ienga.net/assignment-form/>

Name: _____ Title: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Email: _____ Telephone: _____ Fax: _____
Claim No _____ Date of Loss: _____

Your Client _____
Adverse Party: _____
Location of Occurrence: _____
City: _____ State: _____ Zip Code: _____

Additional Instructions: _____

<input type="checkbox"/> Traffic Accident Reconstruction	<input type="checkbox"/> Property and Structural
<input type="checkbox"/> Construction Defect	<input type="checkbox"/> Mechanical and Electrical
<input type="checkbox"/> Personal Injury	<input type="checkbox"/> Fire and Arson Investigation
<input type="checkbox"/> Product Liability	<input type="checkbox"/> Cause and Origin

Other (Please Describe): _____

Completion Target Date: _____ Priority Level: **Low** **Med** **High**

INVOICING INFORMATION:

Invoice To: _____
Company: _____
Address: _____
City: _____ State: _____ Zip Code: _____ -

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RATE SHEET

HOURLY RATES

- Principal Engineer (SE or FPE) \$ 175.00/hr
- Senior Engineer (PE) \$ 155.00/hr
- Staff Engineer (PE, EIT, or CODE CONSULTANT) \$ 130.00/hr
- Engineering Technician \$ 90.00/hr
- Clerical Staff \$ 65.00/hr
- Depositions/Court \$ 350.00/hr

EXPENSES

- Consultants Invoice Cost + 15%
- Shipping Invoice Cost
- Laboratory Analysis Invoice Cost + 10%
- Mileage Current Government Rate
- Large Evidence \$200 pick-up/\$75 per month storage
- Small Evidence \$100 pick-up/\$25 per month storage
- Vehicle \$25 per day
- All Terrain Vehicle \$75 per day
- Prints / Copies / Maps / Reproduction Cost + 10%

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