

## WE ARE HIRING

# Fire and Explosion Investigator

Bethesda, MD

Gexcon is a leading engineering and consulting firm headquartered in Bergen, Norway with US offices in Bethesda, Maryland; Houston, Texas and Charlestown, Massachusetts. Gexcon US provides Risk and Safety Studies using the industry-leading CFD software FLACS, as well as Accident Investigation, Failure Analysis and Prevention, R&D and Experimental Testing. Gexcon's software portfolio consists of consequence modelling and risk assessment tools, such as FLACS, FRED, Shepherd, PIPA, EFFECTS, and RISKCURVES.

**Gexcon US is currently seeking an entry level Engineer to support the Accident Investigation team in our Bethesda, MD office.**

### **Duties and Responsibilities**

- Supporting the investigation and analysis of fires, explosions, carbon monoxide exposures, chemical releases, lighting strikes, and failures involving vehicles, heavy machinery, and industrial and residential gas fired equipment.
- Reviewing and summarizing documents and depositions.
- Using CFD models such as FLACS and FDS to test hypotheses.
- Performing cause and origin analysis.
- Planning and executing experimental test programs.
- Performing accident site inspections, traveling as required.
- Writing technical reports.
- Verbally interacting and presenting findings to clients.
- Supporting Gexcon US marketing and business development efforts.

## The Candidates

### Qualifications

- B.S., M.S., or Ph.D. degree in Fire Protection, Mechanical, Chemical, or Aerospace Engineering
- Strong technical background in fire science, combustion, thermodynamics, heat transfer, and fluid dynamics.
- Registered Engineer in Training (EIT).
- CFD experience.
- Experience with Linux, Matlab, and Microsoft Excel.

### Personal Qualities

- Excellent verbal and written communication skills.
- Must be detail-oriented, highly organized, and a self-starter.
- Ability to work under critical time deadlines and prioritize while exercising discretion, diplomacy, and good judgment.
- Ability to take ownership of projects and multi-task.
- Excellent interpersonal skills, including the ability to maintain effective working relationships.
- Ability to interact with consultants and staff at all levels as well as with clients and business contacts.

### Other Notes for the Candidates

- Candidates must be legally authorized to work in the United States and have a valid passport.
- A background check and drug test may be required as a term of employment.

### Benefits Offered

- Challenging opportunities in an international company
- Competitive salary and remuneration package based on established KPIs
- Full-time position at Gexcon
- Health/ Dental
- Life and Disability Insurances
- Paid Vacation and Sick Leave
- Holiday Pay
- 401k Savings

### Office Location

4833 Rugby Avenue, Suite 100, Bethesda, MA, 20814

## Desired Starting Time

Immediately.

## How to Apply

Please send your CV and cover letter to [David.Ellis@gexcon.com](mailto:David.Ellis@gexcon.com).

### About Gexcon

Gexcon is a world-leading company in the field of safety and risk management and advanced dispersion, explosion and fire modelling. Our experience arises from detailed knowledge of explosion phenomena built up throughout years of conducting extensive research projects, carrying out safety assessments, performing accident investigations, and performing physical testing at the company's facilities.

## Gexcon US

Email: [gexconus@gexcon.com](mailto:gexconus@gexcon.com)

### Bethesda Office

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### Houston Office

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### Boston Office

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Please follow our social media for more updates.



Gexcon



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