



About Us

At HDR, we specialize in engineering, architecture, environmental and construction services. While we are most well-known for adding beauty and structure to communities through high-performance buildings and smart infrastructure, we provide much more than that. We create an unshakable foundation for progress because our multidisciplinary teams also include scientists, economists, builders, analysts and artists. That's why we believe diversity is our greatest strength. HDR is proud to be an equal opportunity workplace and an affirmative action employer.

We're Hiring For A

Senior Fire and Life Safety Engineer (172391)

Charlotte or Raleigh, NC

About this Position

HDR is looking for a Senior Fire and Life Safety Engineer to join our Building Engineering Services Group in either Charlotte or Raleigh, NC. HDR's Fire and Life Safety (FLS) team provides essential consulting and design expertise to a broad range of markets including: science/tech/labs, data centers/mission-critical, auditoriums/arenas, electric vehicle facilities, federal (DoD, NASA, VA, NPS, GSA), aviation, mining, power generation, hydropower, oil and gas, water/wastewater, and many more. Our services in these markets are growing rapidly and we are seeking a Senior Fire and Life Safety Engineer to develop and lead a team based in North Carolina. They will work closely with FLS Leads in other geographies across HDR and serve in a consultant role to our internal project teams and as well as consulting with external clients. They will also be expected to leverage their experience as a technical subject matter expert, and fill a project management role for stand-alone FLS projects and for the FLS discipline on inter-disciplinary projects. They will have a key role in providing leadership in continually evolving and delivering our FLS design services, and participating in business development and proposal activities. They will be expected to participate and provide technical direction in services such as these: active and passive fire and life safety systems, code consulting, life safety and egress evaluations, performance based design, fire/smoke/egress modeling, inspection and plan review, hazard and risk analysis, emergency management and planning, structural fire protection, fire root cause analysis, and accessibility consulting. This individual must be self-motivated, goal and detail oriented. They must enjoy leading and developing teams, and be energized by working with clients. Travel (domestic and international, estimated to be 10% or less) may be required at various times. The FLS team is distributed throughout the U.S. and works as an integrated element in larger A/E teams across a broad range of industries.

Success in this role will require the ability to:

- Know your strengths, foster relationships, and be a proactive communicator
- Share our desire to grow our FLS team globally
- Collaborate in a team environment with a positive and helpful attitude
- Be highly motivated, constantly seek improvement in how we do things, and be willing to take on new challenges
- Be able to manage multiple projects immediately, including developing proposals, project planning, staffing, and successful delivery of projects through independent work and engaging other FLS teammates
- Cultivate good working relationships with project managers, project teams, FLS teammates, and other clients as we grow our team
- Effectively network with other fire and life safety industry professionals

Required Qualifications

- Bachelor's or Master's degree in Fire Protection Engineering, Architectural Engineering, Electrical Engineer, Mechanical Engineering, or related field
- Fire Protection Engineering PE registration is required
- Minimum of 10 years of experience in a technical fire protection design or consulting role involving fire protection systems
- Experience in designing fire sprinkler, suppression, and fire alarm systems layouts utilizing hydraulic calculation programs, and knowledge of NFPA Codes, and International Building and Fire Codes is required
- Project management experience is required
- Working knowledge of NFPA codes as applicable to HDR's project types
- Ability to cultivate good working relationships with project managers, project teams, FLS teammates, and other clients as we grow our team
- An enterprising attitude and intrinsic commitment to being an active participant in our unique and dynamic employee-owned culture is a must

Preferred Qualifications

- Experience with one or more of the following: electric fleet vehicle charging facilities, healthcare facilities, data center/mission-critical facilities, higher education, water/wastewater, industrial process facilities
- Experience identifying, recruiting, hiring, and managing team members
- Local candidates are preferred

At HDR, we are committed to the principles of employment equity.

We are an Affirmative Action and [Equal Opportunity Employer](#).

We consider all qualified applicants, regardless of criminal histories, arrest and conviction records.