Fire Protection Design Engineer 3 (Engineer 3) Los Alamos, New Mexico

Job ID: IRC94853

Apply Now

What You Will Do

Within this job, successful candidates will have the opportunity to support the Laboratory’s mission by performing total fire protection designs for a plutonium production facility including sprinkler design, fire alarm design and passive fire protection design. Fire Protection Engineers will work on dynamic teams to complete collaborative full-system design solutions through mentoring, calculations, and leadership to meet the needs of a diverse customer base. Come join a supporting and cohesive team dedicated to the success of our team members.

What You Need

Minimum Job Requirements:

- Advanced knowledge of water based fire suppression systems and supporting hydraulic calculations.
- Advanced knowledge of building fire alarm systems and supporting electrical calculations.
- Expert knowledge/understanding of NFPA codes and standards specifically creating designs that meet the requirements of NFPA 13 and NFPA 72.
- Advanced knowledge and use of AutoSprink or SprinkCAD or an equivalent hydraulic modeling software.
- Expert knowledge of Engineering principles and procedures, design guides, appropriate standards, and administrative practices.
- Advanced ability to communicate well, both written and verbally.

Training/Certifications: Current registration as an Engineer-in-Training (EIT).

Education/Experience: Position requires a Bachelor’s Degree in Engineering from an ABET-accredited college or university and a minimum of 6 years practical work experience to the degree necessary to perform the responsibilities outlined above. Advanced engineering or technical degree is highly desired.

Current registration as a Professional Engineer (PE) is highly desirable.

Desired Qualifications:

- Advanced knowledge of DOE standards applicable to fire protection design implementation.
- Familiarity with LANL engineering processes and procedures.
- Professional Engineering certification.
Location: This position will be physically located in Los Alamos, NM.

COVID Vaccine:

The COVID vaccine is mandatory for all Laboratory employees, on-site contractors, and on-site subcontractors unless granted an accommodation under applicable state or federal law. This requirement will apply to those working on-site, those teleworking, and all new hires.

Position commitment: Regular appointment employees are required to serve a period of continuous service in their current position in order to be eligible to apply for posted jobs throughout the Laboratory. If an employee has not served the time required, they may only apply for Laboratory jobs with the documented approval of their Division Leader. The position commitment for this position is 1 year.

Where You Will Work

Successful candidates will working with the Engineering Services (ES) Division. The ES Division of LANL develops, maintains, and applies a diverse set of engineering capabilities to provide innovative engineering solutions that enable the Laboratory's scientific and national security mission. The Electrical Engineer position within ES Division is assigned to the Engineering Services TA-55 (ES-55) Group responsible for design services and the Conduct of Engineering (CoE) program implementation at LANL.

Located in beautiful northern New Mexico, Los Alamos National Laboratory (LANL) is a multidisciplinary research institution engaged in strategic science on behalf of national security. Our generous benefits package includes:

§ PPO or High Deductible medical insurance with the same large nationwide network

§ Dental and vision insurance

§ Free basic life and disability insurance

§ Paid childbirth and parental leave

§ Award-winning 401(k) (6% matching plus 3.5% annually)

§ Learning opportunities and tuition assistance

§ Flexible schedules and time off (paid sick, vacation, and holidays)

§ Onsite gyms and wellness programs

§ Extensive relocation packages (outside a 50 mile radius)

Additional Details
Directive 206.2 - Employment with Triad requires a favorable decision by NNSA indicating employee is suitable under NNSA Supplemental Directive 206.2. Please note that this requirement applies only to citizens of the United States. Foreign nationals are subject to a similar requirement under DOE Order 142.3A.

Clearance: Q (Position will be cleared to this level). Applicants selected will be subject to a Federal background investigation and must meet eligibility requirements.

- for access to classified matter. This position requires a Q clearance which requires US Citizenship except in extremely rare circumstances. Dependent upon position, additional authorization to access nuclear weapons information may be required that may or may not be available to dual citizens depending upon the circumstances.
- Eligibility requirements: To obtain a clearance, an individual must be at least 18 years of age; U.S. citizenship is required except in very limited circumstances. See DOE Order 472.2 for additional information.

HRP: This position is subject to the requirements of the DOE Human Reliability Program as specified in 10 Code of Federal Regulation, Part 712, §712.11. These requirements include ongoing drug and alcohol testing, as well as periodic medical and psychological evaluations.

426.2: This position is subject to DOE Order 426.2, Personnel Selection, Training, and Qualification Requirements for DOE Nuclear Facilities, which establishes entry-level requirements to ensure candidates selected for specific positions can successfully perform the requirements of the job.

New-Employment Drug Test: The Laboratory requires successful applicants to complete a new-employment drug test and maintains a substance abuse policy that includes random drug testing.

Regular position: Term status Laboratory employees applying for regular-status positions are converted to regular status.

Internal Applicants: Regular appointment employees who have served the required period of continuous service in their current position are eligible to apply for posted jobs throughout the Laboratory. If an employee has not served the required period of continuous service, they may only apply for Laboratory jobs with the documented approval of their Division Leader. Please refer to Policy Policy P701 for applicant eligibility requirements.

Equal Opportunity: Los Alamos National Laboratory is an equal opportunity employer and supports a diverse and inclusive workforce. All employment practices are based on qualification and merit, without regard to race, color, national origin, ancestry, religion, age, sex, gender identity, sexual orientation or preference, marital status or spousal affiliation, physical or mental disability, medical conditions, pregnancy, status as a protected veteran, genetic information, or citizenship within the limits imposed by federal laws and regulations. The Laboratory is also committed to making our workplace accessible to individuals with disabilities and will provide reasonable accommodations, upon request, for individuals to participate in the application and
hiring process. To request such an accommodation, please send an email to applyhelp@lanl.gov or call 1-505-665-4444 option 1. Employment Status

Appointment Type

Regular

Regular

Contact Details
Contact Name C de Baca, Jessica Ann
Email jescedb@lanl.gov
Work Telephone 505-695-8323
Vacancy Name: IRC94853
Organization Name ES-55 Facility System Engineering TA-55
Minimum Salary 103500
Maximum Salary 172800
Req ID: IRC94853
Category: Engineering