Fire Protection Engineering Technologist 3 Los Alamos, New Mexico

Job ID: IRC96558

Apply Now

What You Will Do

The Engineering Services Division of Los Alamos National Laboratory 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. This position is within the Engineering Services Division Office (ES-DO) and is assigned to the Engineering Project Delivery (ES-EPD) Group. This group is responsible for implementing the Conduct of Engineering (COE) program at Los Alamos National Laboratory. The positions are in nuclear, accelerator or non-nuclear facilities across 38 square miles of the Laboratory. The program elements include processes, standards, training, and qualifications that are generally applicable throughout the life cycle of a facility. They exist to effectively manage risks and satisfy customer requirements in a safe, secure, cost effective, and environmentally responsible manner.

You will be working as part of a design team assessing, maintaining, and upgrading facility systems at LANL. Specific tasks will include assisting in developing contract documents consisting of drawings and specifications in order to maintain the technical baseline for new and existing facility systems throughout the facility lifecycle. This will require effectively communicating engineering solutions both verbally and in writing to management, customers, peers, and craft personnel.

What You Need

Minimum Job Requirements:

- Design experience in nuclear, accelerator or industrial facility operations.
- Demonstrated advanced knowledge of engineering principals related to fire suppression and/or fire alarm design, mathematics, and science to solve routine technical problems.
- Demonstrated familiarity working within the A/E industry.
- Demonstrated ability to provide technical direction to design and drafting personnel in preparation of drawings.
- Provide project support including review of project controls, cost estimates, quantity takeoffs, and staffing requirements for proposals, forecasts and change orders.
- Experience producing designs utilizing some or all of the following: AutoCAD, Revit, AutoSPRINK, SprinkCAD, AlarmCAD.
- Demonstrated familiarity and capability in the following areas:
  - Project work flow
  - Understanding of content and purpose for contract documents.
- Understanding of content and purpose of fire protection-related calculations.
- Exercising engineering judgement to solve design and construction challenges.
- Demonstrated ability in coaching, and mentoring of early career engineers.
- Demonstrated ability to communicate well, both written and verbally.

**Education/Experience:** Bachelor's Degree in Engineering Technology, Science, Math or related degree from an accredited institution and 8 years related experience; or, an equivalent combination of education and experience directly related to the occupation.

**Desired Qualifications:**

- NCEES Professional Engineering License in Fire Protection.
- Experienced in producing designs utilizing AutoCAD tools and work processes.
- Knowledge of DOE and LANL Engineering Standards and Conduct of Engineering principles and procedures.

**Location:** This position will be physically located in Los Alamos.

**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**

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)
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.

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.

Term position: Regular-status Laboratory employees applying for term-status positions may retain regular status with approval of the cognizant Principle Associate Director.

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
Full Time

Appointment Type

Term Appointment

Term Appointment

Contact Details
Contact Name Christensen, Richard Fredrick Jr
Email rchristensen@lanl.gov

Work Telephone
Vacancy Name: IRC96558
Organization Name ES-EPD/Engineering Project Delivery
Minimum Salary 94100
Maximum Salary 155700
Req ID: IRC96558
Category: Engineering