Description

**What You Will Do**

The successful candidate will be expected to assist in the performance the following duties of this position in the areas of electrical, instrumentation and control, mechanical, structural/civil, or fire protection engineering:

- Supporting configuration management of assigned systems.
- Defining and controlling system modifications.
- Implementing the authorization basis.
- Maintaining technical baseline.
- Monitoring, tracking, and trending of major systems.
- Defining maintenance requirements.
- Troubleshooting.
- Performing root cause analysis.
- Preparing corrective maintenance instructions for complex or critical operations.
- Preparing engineered equivalency analysis.
- Complying with the LANL Conduct of Engineering (COE) Program.

**What You Need**

**Minimum Job Requirements:**

- Demonstrated knowledge/understanding of engineering concepts applicable to the person's discipline.
- Demonstrated ability to work well in teams to get projects accomplished.
- Excellent communication skills, both written and verbally.

**Desired Skills:**

- Demonstrated knowledge of DOE standards applicable to facility design, operation, and maintenance.
- Demonstrated experience in design engineering or system engineering for nuclear or industrial facility operations.
- Demonstrated experience in engineering including design, commissioning, troubleshooting, and technical baseline maintenance.
- Demonstrated experience with industry standards.

**Education Required:** Bachelors of Science in Engineering from an ABET accredited college/university.

**Where You Will Work**

Located in northern New Mexico, Los Alamos National Laboratory (LANL) is a multidisciplinary research institution engaged in strategic science on behalf of national security. LANL enhances national security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health, and global security concerns.

Engineering Services (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 Cognizant System Engineer (CSE) position within ES Division is assigned to the Facility System Engineering & Management (ES-FE) Group responsible for plant engineering services and the Conduct of Engineering (COE) program implementation at LANL. The COE program elements including processes, standards, training, and qualification are generally applicable throughout the life cycle of a facility. They exist to effectively manage risks and satisfy customer requirements, needs, and expectations in a safe, secure, cost effective,
and environmentally responsible manner.

Join LANL’s best and brightest and become part of the team that provides the environment to deliver system solutions for our country’s national security, now and in the future.

Additional Details:

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.

*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.

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: Please refer to Laboratory policy P701 for applicant eligibility.

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 regards 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.

Appointment Type
Regular
Posting Scope
External

Contact Details

Contact Name: Pacheco, Barbara Gonzales
Email: barbp@lanl.gov
Work Telephone:

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