



**The Combustion Institute**

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*The Combustion Institute posts job listings for the convenience of our international combustion community. CI does not endorse this job listing or the employer. Please do not contact CI for job-related information. Refer to the full disclaimer at the end of this document.*

## **Electromechanical Technologist-High Consequence Environment (Experienced)**

Are you passionate about your work and dream of exploring solutions within a dynamic team that solves significant issues for our nation's security?

We are seeking motivated Technologists to join our team. You will integrate into highly dynamic teams and work in high consequence environments while maintaining composure. In this fast-paced team environment, you will communicate, think on your feet, improvise, and work safely towards solutions while dealing with complex problems, demanding timelines, and physical constraints of facilities, training events, and test setups. You will work occasional non-standard work hours and need the ability to travel. Due to the physical labor involved in job tasks, a job placement analysis and test will be required.

You will perform various duties from lab maintenance and cleanup to fabricating test fixtures to assisting the setup of instrumentation and data acquisition for high consequence energetic events.

Full qualification in these positions will be gained by performing organization specific on-the-job training (OJT), formal classroom training, hands-on practical training and knowledge/skill demonstrations.

### **Department Description:**

Advanced Field Operations & Robotics Department, specializes in designing, developing, integrating and testing advanced mobility, manipulation, perception, control, and supporting automated technologies as well as developing state-of-the-art physical security solutions that include interior and exterior intrusion detection, alarm assessment technologies, all with a focus on performance testing, technology evaluation, vulnerability assessments, design development, installation, and training.

### **About Sandia:**

Sandia National Laboratories is the nation's premier science and engineering lab for national security and technology innovation, with teams of specialists focused on cutting-edge work in a broad array of areas.

Some of the main reasons we love our jobs:

- Challenging work with amazing impact that contributes to security, peace, and freedom worldwide
- Extraordinary co-workers
- Some of the best tools, equipment, and research facilities in the world
- Career advancement and enrichment opportunities
- Flexible schedules, generous vacations, strong medical and other benefits, competitive 401k, learning opportunities, relocation assistance and amenities aimed at creating a solid work/life balance\*

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\*These benefits vary by job classification.

**EEO Statement:**

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.

**Essential Requirements**

**Required:**

- You have a HS diploma plus three or more years directly related experience
- You possess 3+ years proven experience in a relevant high-consequence environment
- Your background includes experience with the bomb squad and electro-mechanical skills
- You can obtain a DOE Q clearance

**Desired:**

- High-energy material operations experience as a primary job function
- Excellent written and verbal interpersonal skills, with phenomenal customer service skills
- Associates degree or certificate, or a bachelor's degree, in relevant field such as engineering, mechanics, machining, electronics, and/or equivalent experience
- Experience with electrical systems, oscilloscopes, DMM's, hi-pot testers, high and low voltage systems
- Some computer, IT skills, and basic networking knowledge
- Familiarity with x-ray technology, radiography, and image processing
- Basic experience in software development and coding (any language or platform)
- Demonstrated knowledge of hazards of high energy materials
- Experience with operating procedures, technical user documentation, and work planning and controls
- Eager to work outdoors at a remote test site that will involve dusty, hot, and cold conditions
- Active DOE-Q Clearance

**Security Clearance:**

Position requires a Department of Energy (DOE) Q-level security clearance.

Sandia is required by DOE to conduct a pre-employment drug test and background review that includes checks of personal references, credit, law enforcement records, and employment/education verifications. Applicants for employment must be able to obtain and maintain a DOE Q-level security clearance, which requires U.S. citizenship. If you hold more than one citizenship (i.e., of the U.S. and another country), your ability to obtain a security clearance may be impacted.

Applicants offered employment with Sandia are subject to a federal background investigation to meet the requirements for access to classified information or matter if the duties of the position require a DOE security clearance. Substance abuse or illegal drug use, falsification of information, criminal activity, serious misconduct or other indicators of untrustworthiness can cause a clearance to be denied or terminated by DOE, resulting in the inability to perform the duties assigned and subsequent termination of employment.

**How to Apply**

**Apply here:**

<https://sandia.jobs/albuquerque-nm/electromechanical-technologist-high-consequence-environment-experienced/3E9F0461ADD74C6086441B08AA75A320/job/>

***The Combustion Institute Disclaimer***

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