



Explosives Range Technician

Highlights:

- You'll be joining a dynamic forensics team with many opportunities to grow professionally and working with other forensic experts in various fields to support the FBI and TEDAC missions.
- This is a unique opportunity to work with the FBI laboratory.
- You'll obtain some or enhance your experience working in a fully functional government laboratory working closely with other forensics experts.

Tasks:

- Serve as the explosives RSO to ensure that safe test operations take place and that all scientists, technicians, and visitors are aware of range hazards and conduct themselves in a safe manner which is essential to the basic function of the TIEDS Center.
- Serve as a support engineer and will be required to work as a member of a team employing well developed communication skills, discretion, and cooperation.
- Aid energetic material characterization efforts designed to understand explosives hazards and performance properties.
- Develop and write safety plans, provide a range safety overview to new personnel and visitors, purchase and inventory test range equipment, prepare and maintain the explosives test range for experimentation, maintain the test range equipment, manage wastes, support and perform explosives production operations, support and perform explosives hazard and performance characterization.
- Support operations at the Department of Homeland Security Detection Technology (DTC), by supplying IEs and IEDs, assisting with explosives and device handling, and retrieving the devices following detection analysis.
- Demonstrate knowledge of policy and procedures related to waste generation, and waste disposal are essential.
- Test fixture design and production according to drawings and schematics, experience with oscilloscopes, piezo pins, and high speed videography.
- Research, develop, and author whitepapers and information papers, as required

Requirements:

- Education: HS Diploma; Experience: At least three (3) years of experience working with explosives, pyrotechnics, propellants, explosive production/disposal and experience with blasting machines, initiators, firing units, and their maintenance.
- Familiarity with a variety of detonation techniques.
- Skills: Strong background in electrical engineering, welding, woodworking, and metalworking in order to assist with IED construction and lethality assessment. Knowledge of chemistry, physics, materials science, and electrical engineering.
- Be familiar with all aspects of range operation, EOD, and capability to clearly communicate with other EOD personnel as required.
- Willingness to learn about chemical processes necessary to prepare energetic materials and the techniques used to characterize energetic materials and explosive formulations.
- Competence with heavy equipment such as forklifts and tractors.
- Certifications: Ability to obtain a Commercial Driver's License (CDL).

Clearance: US Secret Clearance

Location: Huntsville, AL

Apply: Online <https://idealinnovations.com/careers>

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