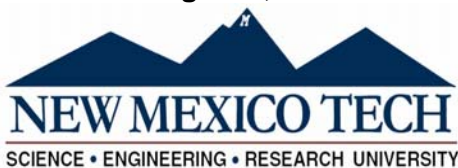


Posted: August 5, 2021



**RE-OPEN 8/5/21**  
**POSITION ANNOUNCEMENT**

**TITLE:** RESEARCH SCIENTIST/ CHEMISTRY LABORATORY MANGER

**DEPT:** EMRTC

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE:** \$75,000

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

**INTERNAL POSTING THROUGH:** Cocurrent\* CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

**JOB DUTIES:**

The Chemistry Lab Manager will both conduct research and test programs at EMRTC and manage the EMRTC Chemistry Labs. Specific duties will include: Researching explosives formulations and components, conducting small scale safety tests and analysis of explosives, mixing and formulating explosives for testing, conducting basic research regarding explosives and energetic materials, teaching classes, collaborating with other research organizations to perform basic research in explosives and energetic materials, and soliciting research efforts. Assisting with proposal preparation/submission cost estimating, testing, data reduction/analysis, and the preparation of reports. Managing the EMRTC Chemistry labs includes maintaining analytical equipment and supervising lab personnel and procedures as required. Developing procedures and safety equipment to perform explosives formulation and development is also required. This person is expected to be able to work independently to find funding and research programs to support the position. Interest and ability to synthesize new energetic materials is desired. Experience in explosives processing, including melt casting, polymer casting, and remote operations is highly desired. The salary for this position will be supported by EMRTC for eighteen months after hiring. After this period, the Chemistry Lab Manager is required to support their own salary through new work.

**REQUIRED QUALIFICATIONS:**

Master's degree required, area of study Chemical Engineering, Chemistry, or other Material Sciences. Ph.D. or other doctorate level equivalent preferred; Area of study Chemistry or Chemical Engineering. At Least 10 years' experience in energetic materials formulation and testing required. Must be familiar with Data Acquisition hardware and techniques. Must be self-motivated and able to work on multiple tasks and meet deadlines required. Familiarity with explosives chemistry required. Experience with preparing cost proposals required. Experience managing an analytical chemistry lab required. Possess project management skills desired. Experience with making and using improvised explosives required. A valid New Mexico driver's license is required. This position requires the ability to obtain a Department of Defense security clearance through Secret within reasonable time after employment.

Apply to: New Mexico Tech, Human Resources 801 Leroy Pl. Brown Hall Box 013, Socorro, NM 87801-4796