

Posted: April 5, 2023



POSITION ANNOUNCEMENT

TITLE: TEST ENGINEER

DEPT: EMRTC

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$43,680-\$48,048

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

All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.

INTERNAL POSTING THROUGH: April 14, 2023* 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 SUMMARY:

Coordinates and conducts ordnance/explosives tests in the EMRTC test range laboratory utilizing knowledge in ordnance/explosives, test range layout, target construction requirements, equipment and manpower utilization, test priorities and effective communications; trains and monitors personnel in proper personnel and job related safety procedures. Plan equipment operations such as forklifts and backhoes as needed. A basic working knowledge of instrumentation installation and operation is also required. The test engineer will need to be familiar with all aspects of the testing operations. The test engineer needs to read and understand blueprints, have experience with concrete placement, welding, and a basic understanding of electrical systems. The test engineer needs to have a good understanding of computer programs including Microsoft Office and SolidWorks / Fusion360. The test engineer also needs to be an effective communicator.

JOB FUNCTIONS:

Coordinates and conducts tests according to specifications or requirements specified by engineering staff or customers; participates in all test related activities, prepares written or oral reports from data gathered throughout the test and from test results. 50%

Coordinates the activities of customers and field operations support group on specific tests; acts as EMRTC representative with customers for specific programs when required. 20%

Inspects test range, instrumentation and facilities regularly to report status and recommends improvements and repairs; trains personnel in proper test and safety procedures; monitors overall range employee performance for professionalism. 10%

Collects and processes test data as specified by the customer for later analysis and preparation of reports; collects, processes and safeguards classified/proprietary data per security regulations/customer requirements. 10%

Assures SOPs, security regulations and safety policies are observed. 10%

REQUIRED QUALIFICATIONS:

Bachelor's Degree in Engineering or Science. Knowledge of ordnance testing and safety requirements. Working knowledge of computer programs such as Microsoft Office and Excel. A valid New Mexico driver's license is required. This position requires a Department of Defense security clearance through Secret to be obtained within reasonable time after employment. A pre-employment drug screen required upon hire.

DESIRED QUALIFICATIONS:

Two (2) years' experience directly related to ordnance testing. Heavy equipment operation to include forklift and backhoes.

LIFTING REQUIREMENTS:

(f)requently, (o)ccasionally, or (s)eldom

0 - 15 pounds	
15 - 30 pounds	
30 - 50 pounds	
50 - 100 pounds	F
100 + pounds	

PHYSICAL DEMANDS:

Standing 15%	Sitting 35%	Walking 15%	Pulling 5%
Pushing 5%	Lifting 5%	Stooping 5%	Kneeling 5%
Crawling	Climbing 5%	Reaching 5%	Other

Apply to: nmtjobapps@npe.nmt.edu