



HR: Jobs@LANL

Job Number: 213781
Staff Member - Other

Date Posted: 11/17/2006
Series/Level: TSM 00
Employment Type: LANL Regular
Appointment Type: Regular
Recruiting Scope: Internal

Division: PMT-DO
Organization: PMT-4
Status: Open
Number of Openings: 1

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.

Summary: These positions will provide technical engineering expertise for pit disassembly, special recovery and small sample machining capabilities as a staff member with the Pit Disposition Science and Technology Group (PMT-4) of the Plutonium Manufacturing and Technology Division. Pit disassembly operations support the Advanced Recovery and Integrated Extraction System (ARIES) project and the Pit Surveillance project. Small Sample Machining operations support the Pit Certification mission of the laboratory. Responsible for planning, directing, and analyzing experiments; redesigning and determining specifications for equipment maintenance and improvements; installations and supporting operations with machining capabilities expertise.

Required Skills: Demonstrated knowledge of the engineering and programmatic requirements of pit manufacturing processes to be able to analyze and design equipment improvements including design specifications, managing the installation of the improvements and monitoring performance of the new design. Demonstrated experience in the technical engineering aspects of the operation, programming and installation of machining equipment. Demonstrated experience with design and fabrication of tooling, fixturing, and gaging of equipment for a manufacturing facility. Experience managing complex projects, scheduling, change control, and resource loading. Demonstrated experience in application of computer-aided design. Demonstrated experience in the development and oversight of schedule, budget, and other documents associated with programmatic operations. Demonstrated successful leadership experience in directing the operations of other technical staff members and technicians. Demonstrated experience in maintaining a safe, secure and productive work environment. Demonstrated leadership skills including successful experience in mentoring, team building, motivation and focus, personnel development and successful use of interpersonal skills and negotiation with conflict resolution. Demonstrated record of scientific achievement including publications and presentations. Demonstrated experience in working as a member of a multidisciplinary team of engineers, scientists, and technicians. Excellent interpersonal and communication skills with the ability to work in small teams. Applicants must have the ability to obtain a Q clearance, which normally requires U.S. citizenship. The successful candidate will participate in the LANL Human Reliability Program (HRP).

Desired Skills: Demonstrated experience providing technical scientific expertise for plutonium and nuclear recovery operations and conducting, directing and evaluation of scientific experiments involving nuclear materials. Demonstrated experience in CNC machine language or other programming languages. Demonstrated experience in glovebox operations as they apply to the safe handling of special nuclear materials. Experience in work control and authorization basis of nuclear operations. Experience in handling classified and UCNI drawings and documents. Experience in nuclear weapon systems. Active Q clearance and participation in LANL Human Reliability Program (HRP).

Education: B.S. (M.S. preferred) in Mechanical Engineering, Electrical Engineering, Materials Science or Engineering
Operated by Los Alamos National Security, LLC for the U.S. Department of En

Notes: This position is subject to the requirements of the Human Reliability Program (HRP). All candidates invited for an interview must consent to be in the HRP at the time of the interview. Only the selected candidate will be subject to the requirements of HRP, which includes a pre-employment