

JEFFERSON SCIENCE ASSOCIATES, LLC.
THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY
628 HOFSTADTER ROAD, SUITE 2, NEWPORT NEWS, VA 23606
(757) 269-7598

JOB OPPORTUNITIES BULLETIN
WEB SITE: <http://www.jlab.org/jobs>

APPLICATION PROCEDURE:

To apply, go to the web site www.jlab.org/jobs. In the box, use the search tool below to find the job that best suits your skills and interests. You may then build a profile, submit your personal information, and apply for any available position.

ADMINISTRATION

10600 - Conference Coordinator

SALARY RANGE: \$55,500 - \$83,300 (SA II)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelor's Degree or equivalent combination of education, experience and training, plus a minimum of five (5) years experience in event planning and conference management. Specifically, incumbent must have experience managing conferences of 2,000 or more attendees with a high level of logistical complexity, and preferably an emphasis on science.

10603 – Financial Systems Manager

SALARY RANGE: \$73,200 - \$109,800 (SA III)

(THREE YEAR TERM POSITION ENDING FOUR YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

High School Diploma plus 0-1 (1) year in a related administrative support function or the equivalent combination of education, experience, and specific training. Possess knowledge of relevant administrative practices and procedures. Ability to organize and prioritize work with general supervision. Good oral and written communications and good computational and typing skills desired. Knowledge of standard office equipment, PCs, scanners, printers, word processing, spreadsheets and databases desired. Possess good people skills.

ASSOCIATE/COORDINATOR

10615 – Mechanical Installation Group Supervisor

SALARY RANGE: \$54,400 - \$85,800 (A/C I)

(THREE YEAR TERM POSITION ENDING THREE YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

An Associate's Degree in a mechanical field, plus ten (10) years experience or comparable combination of education and experience in equipment installation, piping systems, welding and machining is required. A minimum of seven (7) years supervisory or lead experience with a demonstrated ability to lead multiple crews in a safe and productive manner is absolutely necessary. The ability to communicate with a variety of personnel at varying levels of education as well as the ability to write work planning documents and appraisals in a clear and concise fashion is also required. The candidate must be proficient with software programs such as project scheduling, word processing, and spreadsheets. Additionally, the ability to operate forklifts, cranes, man lifts, and perform the duties of a rigger at a Master Riggers competency level is a plus.

CONSTRUCTION

10612 - Facilities Support Technician

SALARY RANGE: \$54,400 - \$85,800 (SS I)

(ONE YEAR TERM POSITION ENDING ONE YEAR FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Required High School plus at least two (2) years of relevant experience. Candidate will be responsible for housekeeping in assigned areas; be able to pass all safety training including ODH, Radiation, electrical worker, fire watch, and others. Must be able to understand written and verbal instructions and ask questions when directions are unclear; must be able to work on ladders and man lifts; be able to lift 50 lbs, and able to work independently or as a member of a team.

ENGINEERS

10295 – Sr. Engineer for Magnets

SALARY RANGE: \$99,100 - \$156,500 (Senior Staff Engineer)
\$120,100 - \$189,700 (Principal Staff Engineer)

EXPERIENCE/EDUCATION REQUIREMENTS:

M.S. or Ph.D. Degree in Engineering or Physics with at least ten (10) years documented experience leading significant scale super conducting magnet projects. Experience with Engineering Analysis tools such as FEA and TOSCA 3D Magnetic Analysis is required. Proficiency in magnet design codes, POISSON and/or OPERA, is strongly desired. Experience in some of the following related areas is required: vacuum systems, load-bearing support structures, liquid helium cryogenics, pressure vessel and pressure piping, load-bearing positioning and alignment mechanisms. Prior work experience as an engineer in a leadership capacity responsible for complete superconducting magnet systems is required.

10325 – Pressure Systems Mechanical Engineer

SALARY RANGE: \$81,700 - \$129,300 (SE III)

EXPERIENCE/EDUCATION REQUIREMENTS:

B.S. or M.S. Degree in Mechanical Engineering or a closely related field with a minimum of twelve (12) years of design experience in pressure systems where consensus codes were applied throughout a project. A demonstrated track record of designing complex pressure vessels or piping system according to ASME codes is required. This may include development of welding/brazing procedure specifications and procedure qualification records according to ASME. Familiarity with equivalent European codes is a plus. The candidate must have a demonstrated ability to do independent research and proven analytical skills. Good communication skills and the ability to interact constructively with a wide variety of staff are required. Some familiarity with cryogenic plant design and operations or experience in particle accelerator system design would be helpful.

10389 – Electronics Engineer

SALARY RANGE: \$65,300 - \$103,100 (SE II)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelor of Science Degree in Electrical Engineering or related field, Masters Degree preferred. Candidate should have at least four (4) years experience in electronic circuit and system design. Experience with PC-based computer aided design tools, spreadsheets, and word processing software is required. Candidate must have strong written and oral communication skills. A solid foundation in the basic sciences of math, chemistry and physics are a plus.

10399 – SRF Lead Mechanical Engineer

SALARY RANGE: \$81,700- \$156,500 (SEIII/SSE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Requires a BS or MS Degree in Engineering with a minimum of ten (10) years of design experience related to particle accelerators or the equivalent combination of education, experience, and specific training. Experience in structural mechanics, heat transfer, cryogenics, and vacuum systems is required. Supervisory and/or project management experience is also required. Familiarity with multiple aspects of particle accelerator design and theory, including ultra high vacuum, superconducting radio frequency cavities, and cryostat design is strongly desired. The incumbent must have a demonstrated ability to do independent research and proven analytical skills. Good communications skills and the ability to interact constructively with physicists, engineers, designers, technicians, and procurement personnel are required.

10403 – SRF Institute Mechanical Engineer (Rev)

SALARY RANGE: \$85,700 - \$135,500 (SE III)

EXPERIENCE/EDUCATION REQUIREMENTS:

Requires a BS or MS Degree in Engineering with a minimum of ten (10) years of design experience related to particle accelerators or the equivalent combination of education, experience, and specific training. Experience in structural mechanics, heat transfer, cryogenics, and vacuum systems is required. Familiarity with multiple aspects of particle accelerator design and theory, including ultra high vacuum, superconducting radio frequency cavities and cryostat design is strongly desired. The incumbent must have a demonstrated ability to do independent research and proven analytical skills. Good communications skills and the ability to interact constructively with physicists, engineers, designers, technicians, and procurement personnel are required.

10422 – Mechanical Engineer – Accelerators

SALARY RANGE: \$67,000 - \$132,600 (SE II/III)

EXPERIENCE/EDUCATION REQUIREMENTS:

A BS or MS Degree in Engineering or Physics plus ten (10) years experience is required. An aptitude for several areas of Mechanical Engineering with an emphasis on structures, material science, fluid flow, and heat transfer is required. Knowledge of cryogenics, vacuum, magnet design, vibration, water systems, and/or stress analysis is desired. Additional experience in a precision environment such as accelerators or a complex industry such as aircraft is a plus. The incumbent should be capable of generating practical design solutions by utilizing their knowledge of machine shop techniques and systems hardware. The ability to interact with other engineering and design personnel to resolve problems in consultation with customers is also required. Finally, a proven track record of initiative and resourcefulness to accomplish these varied tasks is essential.

10428 – Design Engineer

SALARY RANGE: \$67,000 - \$105,800 (SE II)

EXPERIENCE/EDUCATION REQUIREMENTS:

B.S. Degree in Mechanical Engineering or an equivalent combination of education and experience. Four (4) years design experience in a precision environment such as accelerators or a complex industry such as aircraft is required. A demonstrated competence in several areas of Mechanical Engineering with emphasis on structures, Material Science and heat transfer with expertise in cryogenics highly desired. A demonstrated ability to complete tasks by creating accurate documentation utilizing CAD, while employing a high degree of expertise gained through ones' experience, coupled with a full range of analytical skills. A practical knowledge of machine shop techniques and systems hardware. The ability to interact with other engineering and design personnel, to solve and resolve problems in consultation with customers. Finally, a proven track record of initiative and resourcefulness to accomplish this myriad of tasks is essential.

10471 – SRF Process Equipment Engineer

SALARY RANGE: \$67,000 - \$132,600 (SE II/III)

EXPERIENCE/EDUCATION REQUIREMENTS:

BS or MS Degree in Engineering with a minimum of seven (7) years of relevant experience. Requires a minimum of seven (7) years experience in the design, operation, and maintenance of high purity facility systems, including ultrapure water, specialty gas delivery, chemical delivery, acid waste neutralization, and metals precipitation systems. Experience in the maintenance of process tools such as those used for electro and chemical polishing of metals is required. Experience in the design, operation, and maintenance of cryogenic fluids and systems is also desired. Familiarization with the design, operation, and maintenance of clean rooms and clean room air handling is desired. Demonstrated ability to do independent research and proven analytical skills. Good communications skills and the ability to interact constructively with physicists, engineers, designers, technicians, and procurement personnel are required. Demonstrated advanced technical writing skills are required. Knowledgeable in the creation of P&I diagrams; visual acuity and keyboarding capabilities sufficient to use design software. Mechanical dexterity sufficient to handle and assemble technical components with weights up to 50 lbs.

10473 – SRF Production Engineer

SALARY RANGE: \$67,000 - \$132,600 (SE II/III)

EXPERIENCE/EDUCATION REQUIREMENTS:

BS Ch. E. or similar Degree with seven (7) years or MS Degree with five (5) years experience in a manufacturing environment, preferably with SRF cavities. Direct expertise in planning and managing production activities; direct experience designing and constructing chemical processing equipment; experience with electro and acid-based chemical etching and high pressure rinsing of SRF cavities is desired; expertise in SRF cavity production processes, tools and equipment is desired; familiarity with AutoCAD or Pro-E.

Physical Requirements: Visual acuity and keyboarding capabilities sufficient to use production and engineering software; mechanical dexterity sufficient to handle and assemble technical components with weights up to 50 lbs; ability to safely wear appropriate chemistry PPE and clean room garb for extended periods and have personal habits consistent with ISO 4 clean room work performance.

10488.2 – Cryogenics Mechanical Engineer

SALARY RANGE: \$83,800 - \$132,600 (SE III)

EXPERIENCE/EDUCATION REQUIREMENTS:

Masters in Mechanical or Chemical Engineering plus two (2) years of experience or BS plus four (4) years of relevant experience or an equivalent combination of education and experience. Competence in several areas of Mechanical Engineering with emphasis on mechanical stress analysis, structures, thermodynamics, fluid mechanics, heat transfer, vacuum technology and cryogenics. Experience in resource and project planning including development of work assignments with task and schedule constraints; directing other engineers, designer, and fabrication/installation technicians. The ability to understand customer needs and match the system operation to meet the customer needs at the maximum possible efficiency. Experience in process analysis of the operating and new cryogenic systems; experience in the selection of components and evaluation of various options based on cost and schedule. Pressure vessel and piping code knowledge and the ability to perform the required analysis; working knowledge of machine shop, fabrication techniques and systems hardware, and the ability to lead and manage multiple tasks with cost and schedule constraints.

10551 – Diagnostics and Controls Engineer

SALARY RANGE: \$54,400.00 - \$85,800.00 (SE I)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelor's Degree in Electrical Engineering is required. Ability to write engineering specifications, test procedures, and perform data analysis with the use of applicable database tools and information is also required. Hands-on experience in multi-discipline fields is highly recommended. Knowledge in Accelerator technology and related systems is a plus. Additional knowledge in PC board design, development, and testing is desired but not required.

10580 – Safety System Electronic Engineer

SALARY RANGE: \$54,400 - \$85,800 (SE I)

SALARY RANGE: \$68,500 - \$108,100 (SE II)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelors Degree in Electrical or Industrial Engineering, with four (4) years of experience or BS/MS in Physics with EE courses. Experience in design and implementation of instrumentation and controls or related field. Ideal candidate will have experience with Ethernet based PLC controls. Demonstrated competence with PC based computer aided design, spreadsheets, and word processors required. Candidate must have strong written and oral communication skills. A solid foundation in the basic science, math, chemistry, and physics is necessary. The incumbent will perform tasks that require climbing multiple levels of stairs, climbing ladders, lifting up to 30 pounds, and walking distances up to a mile. Applicant must be able to work with diverse groups of scientific and technical staff to accomplish Laboratory goals. Must also be able to pass medical exam for qualification as an oxygen deficiency (ODH) and radiation worker.

10592 – Mechanical Engineer

SALARY RANGE: \$\$54,400 - \$108,100 (SE I/II)

(THREE YEAR TERM POSITION ENDING THREE YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Engineer I

Bachelor's Degree in Mechanical Engineering. Current Fundamentals of Engineering registration in Virginia or a state with direct reciprocity agreement with Virginia is highly desirable but not mandatory.

Engineer II

Bachelor's Degree in Mechanical Engineering plus related graduate or continuing engineering courses. Experience in the management of construction and maintenance projects is required. In depth knowledge of construction and industrial safety practices is required. Four years experience in Mechanical Engineering planning, design, construction, and maintenance.

Successful candidates must have effective verbal/written communications, time management, interpersonal and organizational skills; display high level of initiative and demonstrated ability to manage multiple projects with clear expectations and timelines; ability to work collaboratively with individuals at all levels in the organization in a team environment; and, good computer skills with AutoCAD, Microsoft Word, Excel, and Access.

10594.2 – Mechanical Engineer

SALARY RANGE: \$\$68,500 - \$108,100 (SE II)

EXPERIENCE/EDUCATION REQUIREMENTS:

A BS or MS Degree in Engineering or Physics is required. Additional experience in a precision environment such as accelerators or a complex industry such as aircraft will be considered toward the higher position. An appreciation of several areas of Mechanical Engineering with an emphasis on structures, material science, fluid flow, and heat transfer is required. Knowledge of cryogenics, vacuum, magnet design, vibration, water systems, and/or stress analysis is desired. The incumbent should be capable of generating practical design solutions by utilizing their knowledge of machine shop techniques and systems hardware. The ability to interact with other engineering and design personnel to solve and resolve problems in consultation with customers is also desired. Finally, a proven track record of initiative and resourcefulness to accomplish these varied tasks is essential.

10595 – Facilities Electrical Engineer

SALARY RANGE: \$68,500 - \$108,100 (SE II)

(THREE YEAR TERM POSITION ENDING THREE YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelor of Science Degree in Electrical Engineering plus related graduate or continuing engineering courses. Experience in the management of construction and maintenance projects is required. In depth knowledge of construction and industrial safety practices is required. Four (4) to nine (9) years experience in Electrical Engineering planning, design, construction, and maintenance. Experience in performing short circuit calculations, voltage drop calculations, lighting calculations, Arc Flash calculations, and other electrical Engineering design calculations. Experience in performing cost estimates and construction scheduling. Computer skills with AutoCad, SKM PowerTools, Microsoft Word, Excel, and Access are required.

10597 – UIM Project Manager

SALARY RANGE: \$85,700 - \$135,500 (SE III)

(THREE YEAR TERM POSITION ENDING THREE YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelors, Masters, or PhD in Engineering, Construction Management, or related field or equivalent education and experience. Must have at least ten (10) years increasingly responsible professional (not academic) experience solving construction/industrial problems; in depth knowledge of construction and industrial safety practices is required. Demonstrated competency in the areas of estimating, scheduling, budgeting/cost control, field supervision, financial reporting, client relationship, interpersonal skills, computer skills, safety/insurance, ability to communicate, both written and oral is required. Computer skills with schedule and estimating programs, Microsoft Word, Excel, Access and PE registration desirable

10604 – Facility Planner

SALARY RANGE: \$68,500 - \$109,100 (SE II)

(THREE YEAR TERM POSITION ENDING THREE YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelor's Degree in Architecture, Engineering or Construction Management, Master's level Degree desirable. Six (6) to eight (8) years increasingly responsible professional (not academic) experience in facility/space planning. Demonstrated competency in the areas of estimating, client relationship, interpersonal skills, computer skills, ability to communicate, both written and oral. Computer skills with Archibus, VFA Facility, AutoCad, Microsoft Word, Excel, and Access. Broad understanding of all related Architecture/Engineering disciplines to include contract and project administration. Ability to read and navigate through construction and related contract documents. Demonstrated project planning skills. Knowledge and understanding of Mechanical, Electrical, Structural, and Civil Engineering design principles. Facility cost estimating and excellent presentation skills.

10610 – SRF Institute Quality Manager

SALARY RANGE: \$85,700 - \$135,500 (SE III)

(FOUR YEAR TERM POSITION ENDING FOUR YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

BS Degree in Engineering, plus ten (10) years experience in a Quality or Industrial Engineering related field, and ISO 9001 Quality System implementation. Demonstrated track record in a Quality or Industrial Engineering related field, and ISO 9001 Quality System implementation are required. Previous experience in a Manufacturing, R&D or Laboratory environment is a significant plus. Excellent written and verbal communications skills, as well as PowerPoint, Excel, and Word expertise. Experience with Minitab and Supplier Quality Engineering is also a plus.

10623 – 12 GeV Safety Inspector

SALARY RANGE: \$68,500 - \$108,100 (AC II/SE II)

(FOUR YEAR TERM POSITION ENDING FOUR YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Bachelor's Degree with four (4) years relevant experience or Associates Degree with fifteen (15) years relevant experience. Relevant experience should have progressive responsibility for safety in construction and industry. Safety certifications preferred: Certified Safety Professional (CSP), Construction Health and Safety Technician (CHST), Occupational Health and Safety Technologist (OHST) etc.

SCIENTISTS

10417 – SRF Scientist (REV)

SALARY RANGE: \$53,200 - \$84,000 (SS I)

EXPERIENCE/EDUCATION REQUIREMENTS:

PhD in Physics, Applied Physics or Engineering is required. Experience with instrumentation and data acquisition is highly preferred. Experience with low temperature physics or cryogenics is a plus. The candidate must be able to work in collaboration with others to solve complex problems efficiently and be able to communicate effectively with other JLab staff and international colleagues. Demonstrated ability to understand and comply with safe-work procedures such as applies to Jefferson Lab activities, including the ability to safely use prescribed PPE and clean room clothing.

10614 – SALARY RANGE: From \$66,934.40 per year

EXPERIENCE/EDUCATION REQUIREMENTS:

Ph.D. in Nuclear or High-energy Physics. Three (3) years experience alternate occupation of Nuclear High-energy Physics researcher.

Specific Requirements: Three (3) years concurrent experience at a world-renowned physics laboratory. Must demonstrate significant achievements in the analysis of the experimental data through publication in the prestigious physics journals such as Physical Review Letters, Physical Review, and /or Physical Letters.

Concurrent experience with the simulation and optimization of detector designs on early stages of experiment. Must have knowledge of the simulation packages and data analysis frameworks (GEANT, FLUKA, PYTHIA, ROOT, PAW, CERN libraries, MATLAB). Three (3) years of concurrent hands-on experience with online software development and proficiency in the programming of VME-based trigger electronics boards.

Experience working with electromagnetic calorimeters and PID detectors. Must be fluent in programming languages C++ (Visual C++), Java, and Fortran.

Job in Newport News. M-F. No Overtime. Salary from \$66,934.40 per year. Only applicants sending cover letter with CV, references and salary requirements to: ewing@jlab.org or to Jefferson Science Associates LLC, 628 Hofstadter Rd, Suite 2, Newport News, VA 23606 Attn: Susan Ewing will be considered.

TECHNICIAN/DRAFTER

10449 – Hall B Mechanical Designer

SALARY RANGE: \$46,500 - \$77,800 (TD II/III)

EXPERIENCE/EDUCATION REQUIREMENTS:

A.S. Degree in Mechanical Design plus three (3) years experience, or the equivalent combination of education, experience and specific training is required. The candidate must have experience in producing accurate, clear and simple designs and fabrication drawings using SDRC/Unigraphics Ideas Version 12 3D CAD or NX I-deas. Experience is required in one or more of the following disciplines; piping, cryogenics, vacuum, structural and machinery design. Candidate should have some familiarity with mechanical products that are available from vendors, including but not limited to hydraulic, pneumatic or vacuum piping components, mechanical couplings, bearings, gears and rails, and other electromechanical devices. Working experience as evidenced by prior employment with IDEAS 3D CAD in modeling and drafting software is required; knowledge of other software packages especially HP or PTC CoCreate ME10 will be helpful. Ability to do simple engineering calculations is a plus. Working experience at a National Lab or research facility is desirable.

10582 – Cryogenics Electrical Technician

SALARY RANGE: \$35,400 - \$48,000 (TD I)
\$46,500 - \$63,300 ((TD II)

EXPERIENCE/EDUCATION REQUIREMENTS:

AA Degree in Electronics or High School Graduate with three (3) years experience in a multi-disciplinary electronics maintenance environment or the equivalent combination of education, experience, and specific training. A demonstrated understanding of basic electrical theory and analog and digital electronic principals is required along with experience with common test equipment. The following skills and abilities are also required: Able to identify safety hazards and determine ways to mitigate them; to perform moderately complex electrical system debugging; ability to perform thru-hole and wire soldering; to perform cable and chassis fabrication; to follow calibration and testing procedures: to mechanically assemble chassis, printed circuit boards, and connectors. Knowledge in component identification, schematic symbols and resistor color-coding specifications. Ability to follow technical directives and utilizing schematic drawing; to perform reliable fieldwork under environmental stresses; to perform reliable-repetitive work processes for extended periods; to complete work under general supervision and communicate with technologist and engineers on a technical level. Additionally, experience in PC's and related software is recommended and excellent communication skills are essential. Incumbent must be able to climb stairs and lift <50 lbs. on occasion.

10584 – Cryogenics Vacuum Technician

SALARY RANGE: \$ \$35,400 - \$48,000 (TD I)
 \$46,500 - \$63,300 (TD II)

EXPERIENCE/EDUCATION REQUIREMENTS:

High School Graduate plus three (3) years relevant experience or AS Degree in a Technical Specialty or equivalent combination of education and experience. The incumbent must be familiar with process piping systems. Some vacuum system knowledge is preferred. Requires knowledge of the proper use of hand tools, hardware, safe work practices, and reading and interpreting assembly drawings, experience with mechanical assembly, troubleshooting using an array of electro-mechanical tools, and familiarity of working with computers and applications, such as MS Word, Excel, etc. Good Team-working skills and the ability to work in diverse environments with a broad spectrum of people and personalities are required. Ability to work off-hours, weekends, and overtime as required. Incumbent will be requested to take required training such as, but not limited to: Oxygen Deficiency Hazard, Fork Truck, Crane and Rigging, Aerial lift, Radiation Worker I, etc. The incumbent must be able to lift 50 pounds, climb ladders, work aloft, and in confined spaces.

10565.1 – Mechanical CAD Designer

SALARY RANGE: \$57,200 - \$77,800 (TD/III)
(FOUR YEAR TERM POSITION ENDING FOUR YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

AS Degree plus seven (7) years experience or High School Graduate with ten (10) years relevant experience or equivalent combination of education and experience in the Engineering and design field is required to fill this position. Specifically, the candidate must have practical experience producing mechanical designs and fabrication drawings. This particular position requires incumbent to have an extensive knowledge of 2D and 3D CAD software and geometric tolerances. Candidate will work directly with engineers and physicists and as such must be an effective communicator and team participant.

10581 – Safety Systems Electronics Technician

SALARY RANGE: \$ \$35,400 - \$48,000 (TD I)
 \$46,500 - \$63,300 (TD II)
(THREE YEAR TERM POSITION ENDING THREE YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Associates Degree in electronics or at least three (3) years experience. Experience with relay logic and industrial control systems is preferred. Experience with fiber optic systems a plus. Must have strong skills in PC based business software such as Word and Excel. Skills: Proficient with interpreting schematics, manufacturer data sheets, and technical manuals; proficient with electronic troubleshooting equipment (Oscilloscope, Digital multi-meter (DMM), and function generator). Should be able to perform high reliability thru-hole and SMT soldering; should have good oral and written communication skills, and be able to work as part of a team with other technical and professional staff. Must be able to pass medical exam for qualification as oxygen deficiency (ODH), Laser Safety, and Radiation Worker. Must be able to use powered hand tools; ability to organize and prioritize tasks under their direction; must be able to focus on problem solving, working safe, and providing quality workmanship, and ability to lift and carry 30 pounds.

10619 – Hall D Electronics Technician

SALARY RANGE: \$46,500 - \$63,300 (TD II)

(THREE YEAR TERM POSITION ENDING THREE YEARS FROM HIRE DATE)

EXPERIENCE/EDUCATION REQUIREMENTS:

Associates Degree in electronics and at least three (3) years of demonstrated progressive and relevant experience. Experience with PCB CAD software. Must have strong skills in PC based testing software, such as LabView, and business software such as Word and Excel. Independently perform advanced board level debugging, calibration and testing procedures. Proficient with interpreting schematics, manufacturer data sheets, and technical manuals. Experienced with electronic troubleshooting equipment (Oscilloscope, Digital multi-meter (DMM), function generator). Familiarity with NEC regulations is a plus. Perform high reliability thru-hole and SMT soldering and be familiar with PCB fabrication and assembly technologies. Good oral and written communication skills, and be able to work as part of a team with other technical and professional staff, and ability to organize and prioritize tasks under their direction. Must be able to use powered hand tools. Problem solving, organization and prioritization of tasks while working in a safe manner. The ability to lift and carry 30 pounds.

SKILL TRADES

None