

CAREERS FOR ENGINEERS

~ Jobs Available ~



March 5, 2010

**This e-blast features ONLY Jobs Available
Jobs may be full time, part time, temporary, contract, volunteer etc.
The next e-blast will feature Job Seekers**

New Jobs Available

JA 70. Electrical and Control Engineer

Job Location: Milford

Job Description: Perform power electronics, instrument and control work.

RESPONSIBILITIES

- All aspects of R&D and production
- Design and implementation work in the development , fabrication, and testing

REQUIREMENTS

- BS in Electrical Engineering
 - 5 years minimum experience
 - Background in electromechanical process equipment
 - Ability to work collaboratively with a team
 - Knowledge of electrical power distribution, motor control, instrumentation, power electronics, and PLC programming
 - Working knowledge of electrical codes and standards.
 - Ability to produce system schematics and layouts,
 - Familiarity with a production environment, and hands-on experience with mechanical and electrical processes
 - Good communication and CAD/Computer skills
 - Familiarity with Ladder logic and LabVIEW preferred
- [Email us and note the JA number](#)

JA 71. Sr. Chemical Engineer- Gas Equipment

Job Location: Milford

Job Description: Responsible for technical development / application activities for a gas equipment company focused on military, energy, and oil/gas related needs. Work is related to researching, designing, and developing products, parts, components, or portions of major products, including: cryogenic air separation plants (O2, N2, Argon), air purification systems, liquefaction systems, and adsorber / membrane based gas plants.

RESPONSIBILITIES

- Apply chemical engineering principles to design / select systems / processes to meet customer application requirements.
- Selects correct design concepts and fundamental technology used for new products or improvement of existing products
- Design chemical process, develop P&ID, and lead design effort and layout of applicable process / plant.
- Conduct research to develop new and improved processes / application of processes.

- Perform laboratory studies of steps in application of new technology and scale up to pilot plant and to customer product.
- Develop safety procedures
- Direct activities of workers who operate or who are engaged in constructing and improving absorption, evaporation, or other generation equipment.
- Design measurement and control systems for chemical / gas equipment plants based on data collected in laboratory experiments and in pilot plant operations.
- Work closely with suppliers, technology development, product development, and manufacturing teams to develop and optimize technology that meets performance, durability, and safety standards.
- Reviews and analyzes vendor or customer proposals submitted to determine if benefits derived and possible applications justify expenditures
- Complete work according to standard engineering principles and practices
- BSChE or Master's (preferred) in Chemical Engineering or related fields.
- Experience in various military, oil / gas, or energy related chemical engineering processes to include: Cryogenic Air Separation, Liquefaction, Compressors / Compression (EOR), Nitrogen Generation, Oxygen Generation
- Technical understanding of the competitor development, current trend and probable future trends.
- Creative, self-motivated and self-directed, and able to multi-task a large variety of projects in a fast-paced, entrepreneurial environment.
- Good connection with oil/gas/utilities/energy/military
- Computer Skills
- Ability to speak fluent English

[Email us and note the JA number](#)

JA 72. Sr. RF Design Engineer

Job Location: Naugatuck

Job Description: Responsible for creating new and modified RF/Microwave product designs, including evaluation of mechanical components with electrical performance requirements. This employee reports directly to the Engineering Manager.

RESPONSIBILITIES

- Design mechanical/electrical RF components for new or redesigned products.
- Operate AutoCAD System and associated tools to generate computer files for use in the manufacturing and support of manufacturing and sales.
- Prepare test programs for new or redesigned components.
- Assists in the interpretation of test program results and in the determination of the specifications of components for new or redesigned products.
- Keep abreast of new developments in design and applications in the industry.
- Assist in the interpretation of research and test reports from both inside and outside the company.
- Assist the product engineering sections in the areas of testing operations and technical engineering.
- Work with the Engineering department in matters pertaining to connector component problems.
- Work with the Quality department in the development of inspection procedures and use of test equipment for receiving; assists quality control in setting up inspection procedures.
- Perform external audit of vendors.

REQUIREMENTS

- BSEE/BSME or minimum 10 years work experience
- Minimum 5 years in a engineering design environment
- Minimum 3 years in RF design of passive components
- Ability to manage multiple projects
- Excellent communication and interpersonal skills
- Driven to exceed goals and objectives
- CAD experience required, AutoCAD preferred

[Email us and note the JA number](#)

JA 73. Front End Programmer

Job Location: Wallingford

Job Description: Experienced software engineer/developer to help with the development of a web service interface that connects the system under development with a remote server.

RESPONSIBILITIES

- Design, analyze, code and test a web service based on open standards and integrate with existing back end system
- Extend and existing web service developed using Pearl, PHP, Django and Ext
- Collaborate in team effort: participate in meetings and contribute to the design and specification of the system (analyze, design code and test the part of the application dealing with web services and integrate into the larger system with the rest of the team).
- Produce high-quality software documentation

REQUIREMENTS

- Solid knowledge of Linux systems
- Solid knowledge of web services, SOAP and XML
- Knowledge of Java, Javascript, Pearl, PHP, Python, Database and Unix scripting
- Problem solving skills
- Ability to communicate and document well the work done
- A minimum of three years professional development experience
- A degree in computer science or other related area
- LOCAL APPLICANTS ONLY –
This is a contract position that may lead to full-time

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JA 74. Lead Software Engineer

Job Location: Wallingford

Job Description: Assist with the development of a distributed access control system for an Identity Management Solution.

RESPONSIBILITIES

- Work in a team environment and assume a lead role in the specification and development of the solution.
- contribute to the specification, and lead the programming and testing effort
- Produce high quality documentation

REQUIREMENTS

- Solid knowledge of web services including, Java, SOA and XML
- Solid knowledge of Unix and SQL systems
- Good communication skills
- BS or MS in Computer Science or related field with at least 3 years of professional programming experience.

This is a full time position for 24 months. Some telecommuting allowed but applicant should be able to work on site at least 50%.

[Email us and note the JA number](#)

JA 75. Software Developer

Job Location: New Haven

Job Description: Software developer who is excited about combining an interest in security and development for hardware platforms is needed for cutting edge projects. Candidate must be authorized to work in the United States and eligible for U.S. Secret Clearance.

RESPONSIBILITIES:

- Develop software in C, C++ , C#, Java, assembly language, or other selected languages for company products which will be implemented on a FPGA, RFID tags, embedded systems and other hardware platforms
- Create product design requirements and test plan to support the development.
- Test software using debuggers, emulators, simulators, and/or logic analyzers
- Perform software releases and software quality assurance activities
- Review product information including manuals and brochures for technical accuracy
- Participate in product definition activities including feature analysis and system tradeoffs
- Provide written reports and summaries of development projects and tasks.
- Perform other duties as necessary

REQUIREMENTS

- Bachelor of Science or above in Management Information Systems, Computer Science, Electrical Engineering, Computer Engineering, Engineering or Math from a four-year college or university, or equivalent education/experience
- Minimum of 4 years of post-college development experience in a high level language such as C, C , C# or Java
- Strong background in implementing cryptographic security methods, toolkits or protocols is preferred (i.e. PKI, digital signatures, hash functions, encryption, etc.)
- Experience in software development for implementation in FPGA or other hardware platforms.
- Relevant education and/or experience in software design, development and maintenance, as required for the successful performance of the essential functions of the position
- Good oral and written communication skills
- Must be self motivated and able to work in a minimum supervision environment, alone or within a team.

[Email us and note the JA number](#)

Previously Posted Jobs Available:
Because these positions have been posted already, some may have been filled.

JA 68. Field Service Team Leader

Job Location: Winsted, CT

Job Description: Team leader for manufacturer of precision machined parts and assemblies

RESPONSIBILITIES

- Provide strong leadership skills
- Motivate, coach & develop others
- Implement Lean and Continuous Improvement initiatives

REQUIREMENTS

- Self motivation; self directed & a strong sense of urgency
- Excellent interpersonal skills
- Demonstrated track record in implementing Lean & Continuous Improvement initiatives
- Demonstrated ability to implement a Visual Factory
- BSME or equivalent

Desired:

- Experience in production planning & production control a plus
- Machining background a plus

[Email us and note the JA number](#)

JA 69. Field Service Inventory Control Specialist

Job Location: Shelton, CT

Job Description: The Field Service/Inventory Control Specialist will be responsible for back-up field support and the shipping/ receiving and inventory control of cleaning equipment.

RESPONSIBILITIES

- Responsible for maintenance, inspection, and stock upkeep of field equipment.
- Ability to provide inventory control including: shipping/receiving and tracking purchase orders
- Provide both external and internal timely, accurate, professional reports
- Assure the executed work reflects the quality standards and attention to detail that maintains a professional image for the customer and the company.
- Provide back-up field service support

REQUIREMENTS

- Bachelor's degree or high school diploma with field experience
- Experience in field services or inventory control in the energy or automotive industry
- 1-4 years of experience in field service
- Experience using Microsoft Excel
- Strong customer skills both oral and written
- Highly self motivated; works efficiently and effectively without direct supervision
- Licensed and able to operate a forklift
- Experience with PLC based control systems: RSLogix 5000 and RSView
- Must be legally authorized to work in the United States

- Must be willing to travel

[Email us and note the JA number](#)

JA 57. Director of Sales

Job Location: Shelton, CT

Job Description: Experienced state-of-the art on-line boiler cleaning technology equipment sales professional

RESPONSIBILITIES

- Develop detailed knowledge of the product relative to other competing technologies.
- Identify and develop “high probability” customers in the United States, including utilities, independent power producers, waste-to-energy companies, etc. (will have a focus on eastern United States).
- Market at both the corporate and the plant manager level to maximize sales.
- Work closely with project engineers and field service teams to successfully develop bidding strategies and design and install systems.
- Identify and quantify customer needs based on their problems and issues.
- Work with project engineers to develop customer technical solutions and economic justifications.
- Assist in the development of joint ventures/ partnerships as needed.

REQUIREMENTS

- Experienced sales professional with direct experience in technical equipment sales to power generation companies, including utilities, independent power producers, etc.
- Team player with desire to work in a small and growing company.
- Ability to work in a fast-paced, entrepreneurial environment.
- Bachelor’s degree.
- Excellent written and verbal skills.
- Ability to travel 25%

[Email us and note the JA number](#)

JA 58. Class “A” Tool Maker

Job Location: Norwich, CT

REQUIREMENTS

- Must have a minimum of 5 years experience with plastic injection molding tooling. Competencies include: Micro welding, Master Cam, CNC mill, CNC EDM, manual service grinders and mill proficiency. Must be capable of reading blueprints, and perform layout and design revisions and repairs.
- Critical thinking skills and the adherence to all Company Safety procedures. The ability to repair tools in the press (if appropriate) to enable a quick turnaround is highly desirable.

[Email us and note the JA number](#)

JA 59. US Business Development Manager

Job Location: South Windsor, CT

Job Description: As part of a dynamic team, develop, implement and monitor all strategy and direction for marketing and sales in U.S., and aid the Director of Business Development in the creation of new business products or new uses for current products or systems.

REQUIREMENTS

- Proven success in business development (5 years in related industry preferred)
- Bachelor’s degree (Engineering preferred)
- Experience in market analysis, forecasting, business planning and proposal management
- Ability to create and maintain professional relationships with customers and government/military personnel

- Ability to gather market intelligence and translate that intelligence into realistic market segment targets
- Able to identify and attend relevant trade shows
- Proficiency in Microsoft PowerPoint
- Strategic thinker with superior leadership abilities and good interpersonal skills

[Email us and note the JA number](#)

JA 60. Sr. Mechanical Design Engineer

Job Location: Milford, CT

Job Description: Lead the design and development of new aerospace/life support/aerial delivery products; Provide direction of Engineers or Drafts People.

REQUIREMENTS

- Ability to lead design, analysis and test activities from concept through production, while seeking the integration of new technologies and the development of new capabilities
- Proficiency in mechanical design
- Bachelor's Degree (and at least 5 years experience),
- Working knowledge of electronic design and or electronic integration
- Problem-solving and good three-dimensional conceptual ability
- Ability to define a product or service, with technical feasibility, customer requirements, and safety consideration
- Ability to use analysis and computational methods for predictive work;
- Effective communication skills
- Strategic thinker and team player
- Ability to travel

[Email us and note the JA number](#)

JA 61. Program Manager

Job Location: South Windsor, CT

Job Description: Responsible for the overall performance of programs and IR&D projects within a defined market segment. Manages Integrated Product Teams (IPT) and multiple programs or projects. Serves as customer liaison.

REQUIREMENTS

- Bachelor's Degree in a technical or business field, or equivalent education and 5+ yrs relevant experience. (MBA and a professional certification in program management in a DoD environment desirable)
- Ability to define program development plans, with technical feasibility, customer requirements, cost, and safety considerations
- Possess a general understanding of Uniform Commercial code & Federal Acquisition Regulations (FAR's)
- Demonstrated negotiating skills
- Excellent communication skills; ability to interface between internal disciplines, vendors and customers.
- Ability to travel

[Email us and note the JA number](#)

JA 62. Control Engineer

Job Location: Milford, CT

Job Description: Control Systems Engineering with product-oriented R&D; Provide technical expertise primarily in the area of structure and mechanism controls in a variety of engineering disciplines.

REQUIREMENTS

- Extensive expertise in modern time and frequency domain MIMO active control applications for vibration isolation and cancellation in complex aerospace structures.
- Experimental test experience establishing data as the basis for controls design, and to validate control design performance and ascertain system behavior
- Create, develop, design, and test complex controls for mechanisms and systems involving electrical, mechanical, optical, software, and/or hardware components, which will require an extensive knowledge of own specialty as well as collaborative teaming with subject experts in several fields
- Familiarity with experimental hardware/software environments for hardware-in-the-loop tests such as dSPACE
- Familiarity and interaction with structural dynamics, finite element analyses, and modal testing and the output of analysis tools such as MSC NASTRAN/PATRAN software (or similar)
- Excellent writing skills to author technical reports, proposals, and customer briefing documents
- Management skills to coordinate research efforts by subcontractors and consultants
- Self-motivated with innovative entrepreneurial drive A MUST
- US citizenship or a green card

EDUCATION/EXPERIENCE:

- B.S. in Engineering or science and research + 6-10 years' work experience; OR, MS degree plus 4-8 years' work experience; OR, PhD plus 2-4 years' work experience.
- Expertise in control theory with high proficiency in Matlab/Simulink software for the analysis and modeling of both linear and nonlinear systems.
- Broad knowledge of several fields and an extensive knowledge of own specialty
- Experience in component lifecycle ownership feasibility analysis (desired)
- [Email us and note the JA number](#)

JA 63. Materials Research/Applications Engineer

Job Location: Milford, CT

Job Description: Apply scientific expertise and meticulous experimental skills in selection, formulation/development, qualification and production phase-in of a broad range of proprietary material/coating systems and high temperature composites

REQUIREMENTS

- Ability to communicate clearly and collaborate with subcontractors and suppliers to ensure that materials selected and chemical formulations developed are process-able, and meet the desired mechanical, thermal, physical and chemical properties
- Mindset of a self -motivated innovative thinker, driven to success
- Excellent writing skills to author technical reports, proposals, and customer briefing documents
- Management skills to coordinate research efforts by subcontractors and consultants
- US citizenship or a green card
- Management skills to coordinate research efforts by subcontractors and consultants.
- **US citizenship or a green card**

EDUCATION/EXPERIENCE:

- B.S. degree, preferably in Materials/Chemical Engineering or in a relevant technical area of science and research with 5-6 years' hands-on work experience; OR, a MS degree with 3-4 years' work experience; OR, a PhD with 2-3 years' work experience
- Competence in the fundamental chemical principles and materials science including chemical structure-morphology-rheological-physical property relationships of polymeric compounds
- Expertise in high temperature coatings and high performance composites would be a PLUS
- Demonstrated knowledge of and hands-on experience in thick and thin coating application processes

- [Email us and note the JA number](#)

JA 64. Director of Engineering

Job Location: Greater New Haven, CT

Job Description: Lead the engineering team (Engineer, Technicians) in the areas of Manufacturing and Facilities to facilitate company growth.

REQUIREMENTS

- Hands on leadership ability; Excellent communicator with all levels of the organization—friendly, approachable demeanor, especially with subordinates and people on the manufacturing floor; ability to listen and to **teach**; due to size of company, must also be willing to do some of the technical project work
- Strong skills in statistical data analysis and **systematic** problem solving; ability to understand relationship between practical problem and solving and the CAPA process
- Statistical Analysis including Process Control Charts, Process Capability Analysis, Designed Experiments
- Project Management, including team/meeting facilitation, prioritization, project plans

EDUCATION/EXPERIENCE:

- Engineering experience in the Pharmaceutical and/or Medical Device Industries, with progressing roles through Engineering Management and/or Leadership positions (5 years experience in these roles)
- Experience managing Engineering Technicians and Hourly Employees
- Experience with regulatory requirements for CAPA, Process Validation, Risk Management
- Experience with Strategic Planning—can create an Engineering Plan to drive the company forward.

Bonus:

- Bi-lingual
- Understanding of 6 sigma methodologies

[Email us and note the JA number](#)

JA 66. Quality Engineer Manager

Job Location: Greater New Haven, CT

Job Description:

Seasoned quality engineering manager with proven experience in medical device manufacturing

REQUIREMENTS

Ability to:

- Design and implement In-process QA testing and resolve quality issues related to non-conformance reports (using statistical methods as needed)
- Ensure compliance of products and documentation in manufacturing operation and supply chain to FDA QSR/cGMP and ISO 13485
- Write production work instructions and control plans
- Maintain calibration schedule, and develop schedule for new equipment
- Analyze trend of product and process data, and identify improvement actions
- Identify, review and recommend disposition of nonconforming materials
- Perform Corrective and Preventive Actions (CAPA) related to internal or supplier manufacturing and issue corrective action requests to suppliers
- 30% travel required

EDUCATION/EXPERIENCE:

- Deep working knowledge of quality system regulations: cGMP, 21 CFR 820, QSR, ISO 13485, CMDR and the MDD
- Minimum of 7 years as a Quality Engineer in the medical device or pharmaceutical industry, with experience in manufacturing operations, process qualification, and quality engineering. Direct experience with regulatory audits is a plus.

- Proficient in QA methodologies such as Failure Modes Effect Analysis (FMEA), statistical analysis, SPC, Root Cause Analysis, Mistake Proofing, and Design of Experiments
- Proficient in the development, review and approval of processes and equipment validation/qualifications (IQ, OQ, PQ).
- Fluent in the fundamentals of statistical methods for quality assurance
- High level of PC proficiency, including Mini-tab or similar statistical analysis software
- At minimum, a B.S. degree in engineering or a similar technical discipline. Professional quality certification is a plus.

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JA 67. Junior Web Software Developer

Location: Avon, CT

Job Description:

Software engineer with a vivid imagination, a collaborative mindset, an entrepreneurial spirit and the desire to help us design and build a comprehensive services platform for creative professionals in the online marketplace.

Junior Developer to work closely with the Web architect /lead developer to integrate Web APIs and Open Source components to construct our Web platform. Direct contact with users and testers to observe how the product is used by the customer.

REQUIREMENTS

- PHP using OOP, including MVC frameworks
- MySQL
- JavaScript, especially jQuery
- Standards based HTML
- CSS
- REST with JSON, XML.
- Pride in your strong work ethic and your ability to work independently.
- An eager, enthusiastic attitude and the ability to deliver high quality results on time.

EDUCATION/EXPERIENCE:

- A college degree with 2+ years professional development experience using LAMP, JavaScript.
- Experience or good familiarity with:
 - Linux, Mac environment
 - Apache, nginx configuration and management
 - Social networking development
 - Understanding of SaaS trends

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JA 53. System Engineer / Software Developer

Job Location: Groton

Job Description:

Career opportunities are available for System Engineer / Software Developer to be part of a team responsible for the development and support of our application suite on US Navy ships and submarines.

RESPONSIBILITIES

- Develop software applications in support of our innovative, high quality engineering solutions in an agile environment
 - Comply with existing, but flexible, Software Development Life Cycle (SDLC) standards, defined processes, and control mechanisms to ensure configuration control and high-quality product development.
 - Preparation of documentation to support installation, configuration and integration of software including Requirements, Use Cases, Solution Design, etc.
 - Support of Integration, Testing, and Fleet Support Teams as related to the software.
 - Responsible to support all requests for assistance in a timely manner.
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REQUIREMENTS

- Familiarity with software engineering disciplines from requirements development to validation.
- Detail-Oriented about coding, documentation and visual/interface design standards.
- Strong organizational and analytical skills as well as practical problem-solving and decision-skills.
- Demonstrated ability to provide effective solutions to software design and development challenges.
- Ability to work well under pressure and be able to manage multiple projects and issues simultaneously.
- Experience with Software Versioning Control solutions (i.e., Source Gear Vault, MS SourceSafe).
- Experience with VBScript, JavaScript, Windows Scripting, WBEM, .NET, JBOSS.
- Experience with Oracle and SQL Server databases.
- Experience in the design and development of software applications using multiple technologies including, but not limited to C++, .NET, JAVA, J2EE, TSQL, MSSQL, ORACLE, HTML, Web Services, JavaScript and XML languages
- Familiarity with InstallShield and application packaging a plus.
- Navy experience a plus.

EDUCATION / EXPERIENCE

- B.S. degree in Computer Engineering, Computer Science, Systems Engineering or a related technical field (or an equivalent combination of education and experience.)
- 3-10 years experience
- Applicant must be able to obtain and maintain a DoD Security Clearance.
- Equal Opportunity Employer: EOE (M/F/D/V).
- Attractive salaries and benefits.

[Email us and note the JA number](#)

JA 56 Development Engineer

Job Location: North Haven, CT

Job Description:

Support combustion and reforming system development efforts from conceptual design through prototype build and test.

Job Responsibilities:

- Prototype design and development
- Testing of fuel injection, burner design, fuel cell components, and/or gas turbine combustion products

EDUCATION / EXPERIENCE

- Hands on prototype design and development
- Testing experience
- Masters Degree in Mechanical or Chemical Engineering or Bachelors Degree with four years related experience is required
- U.S. citizenship or permanent residency is required.

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JA 55 Fuel Cell Engineer

Job Location: North Haven, CT

Job Description:

Working with the engineering team and collaborating partners to integrate an existing reforming technology into a

power generation system. The successful candidate will advance development of fuel cell components with specific focus on stack and system concepts.

Job Responsibilities:

- Advance development of fuel cell components with specific focus on stack and system concepts. Support an integrated reforming and fuel cell system including optimum operating conditions, system issues, load change issues, stacks, thermal and water management, and limitations
- Work within a team on the design, fabrication and optimization of power generation systems. Primary responsibilities will include the mechanical design and integration of PCI's fuel processor with a range of stacks, components and unit subsystems.
- Support other engineers to help coordinate the overall integration of the system and optimize the system components packaging within the unit to minimize product size and enhance product performance. Stack technologies of interest include Solid Oxide and High Temperature PEM.

EDUCATION / EXPERIENCE

Hands-on experience in electrochemical systems and testing of Fuel Cells (SOFC, HT -PEM)

- Experience with high-temperature systems and combustible gases
- Experience with fuel cells or other chemical reactors (particularly flow reactors)
- Experience/familiarity with stack assembly, fabrication, and testing, and characterization techniques for SOFCs and other advanced electro-ceramic materials
- Systems knowledge, integration, and troubleshooting experience
- Ability to solve issues with trying to use ATR/reformer exhaust stream to feed fuel cell stacks
- Experience with material property characterization as well as an ability to assess stack performance metrics
- Experience with electrochemical measurement techniques and characterization skills
- PhD or MS degree in Materials/Electrochemistry or related fields with 5 yrs industry experience
- U.S. citizenship or permanent residency is required.

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JA 54 Business Development Associate

Job Location: North Haven, CT

Job Description:

The Business Development Associate will support and enhance marketing and business development, market and sell technologies at a variety of early to late development stages and support the proposal process.

Job Responsibilities:

- Support the President and the Manager of Marketing & Business Development in business development, proposal and planning activities, and organizational tasks
- Assist in identification and persuasive marketing of promising new business development opportunities
- Assist in identification and successful marketing towards new government R&D awards
- Coordinate the proposal process, and assist in preparation of winning government and commercial proposals
- Conduct insightful and productive market research
- Develop informative and persuasive technology marketing materials and proposals
- Provide effective public relations/image support, including press releases, articles and advanced concepts

EDUCATION / EXPERIENCE

- Marketing focus (MBA preferred), with intelligence, technical insight and able to sell technology
 - Undergraduate engineering or science degree required, with minor in marketing or business development a plus
 - Minimum of 2 years experience in an industrial setting or perhaps superb school performance in marketing
 - Industrial technology, business-to-business and business-to-government sales comprehension
 - Expert level of computer skills, including strong Internet search, Outlook, Word, Excel, PowerPoint, and graphics skills (Adobe Photoshop, Illustrator and Acrobat) a plus
 - Clear and effective verbal and written communication skills -- Strong English a must; good math skills
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- Enthusiastic, energized by work, high output capability
- Organized, detail-oriented and reliable
- US citizenship or permanent residency required

[Email us and note the JA number](#)

JA 49 Sr. Field Engineer
Job Location: Shelton, CT

Role Summary/Purpose:

The Sr. Field Engineer will manage installations and service of cleaning equipment and deliver onsite and remote support to customers.

Job Responsibilities:

- Responsible for supporting field aspects of demonstration and installation of the company's online cleaning equipment.
- Liaise effectively with customers in job planning, execution, follow-up and sales support, and internally with engineering departments and sales team.
- Provide both external and internal timely, accurate, professional reports
- Act as a primary technical resource for on-site work and lead resolving engineering and product issues. Assure the executed work reflects the quality standards and attention to detail that maintains a professional image for the customer and company.
- Communicate schedule details, project milestones, manpower requirements, quality issues, and tools / equipment requirements to the appropriate individuals.
- Responsible for maintenance, inspection and stock upkeep of field equipment.
- Experience/Qualifications:
- Engineering degree (or a high school diploma / G.E.D. with at least 4 years of experience in Field Service or Engineering)
- Proficient in the English language (oral and written)
- Ability and willingness to work overtime and some weekends as needed and work at customers' locations
- Ability and willingness to travel regionally as well as some international (60-70% of the time)
- Possess valid passport or the ability to obtain one, as well as satisfactory driving record
- Desired Characteristics
- At least 5 years of working experience in field services or electrical utility industry
- Strong customer service skills
- Ability to confidently address groups while providing training on company equipment in a professional manner
- Highly self motivated, confident in stressful situations, and works efficiently and effectively without direct supervision
- Attentive Environmental Health and Safety mindset and compliance
- Knowledge of boiler installation and service
- Experience with installation and maintenance programs for Power Generation
- Experience with PLC based control systems
- Experience with document control systems, Autodesk Productstream preferred
- Familiarity with data acquisition systems and lab test equipment
- Familiarity with pressurized gas systems and combustion systems

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JA 48 Project Engineer
Job Location: Shelton, CT

Job Responsibilities:

Job Responsibilities: This company seeks to hire a project engineer for work in its aerospace-derivative, detonation combustion product group. This position will be part of an engineering team that works closely with sales, marketing and field service teams. Successful applicants will provide engineering support on a variety of tasks, including design of domestic and international installations, field demonstrations, product improvement efforts and new product development work.

- Education: Minimum of an accredited BS or MS engineering degree with 0-5 years experience
- Experience/Qualifications: The ideal project engineer applicant will be an experienced problem solver with a desire to work in a small and growing company. Other desired skills include:
 - Excellent written and verbal communication skills
 - Excellent analytical skills
 - Ability to work in a fast-paced, entrepreneurial environment
 - Good hands-on abilities with mechanical, fluid, electrical systems
 - Experience with PLC based control systems
 - Experience with MS Office
 - Experience with 2D/3D CAD systems and basic drafting, Autodesk CAD tools preferred
 - Experience with FEA tools, ANSYS preferred
 - Experience with document control systems, Autodesk Productstream preferred
 - Familiarity with data acquisition systems and lab test equipment
 - Familiarity with pressurized gas systems and combustion systems
 - Capable of writing/revising system specifications and requirements
 - Preference given to candidates with detonation combustion experience
 - Preference given to those candidates with understanding of utility/industrial boiler performance and/or fouling mechanisms
- Travel: Office and lab spaces are located in the Seattle, WA, Detroit, MI and Shelton, CT areas. This position will require up to 25% travel (domestic and international).
- [Email us and note the JA number](#)

JA 50 Microelectronics Research Scientist – one or two openings

Job Location: Storrs, CT

This company has an immediate opening for a Microelectronics Research Scientist.

The selected individual is expected to work in a challenging cross-disciplinary team for cutting edge implantable, wireless biosensor development. Responsibilities include: 1) identify technology for packaging microelectronic components for use in harsh in vivo environments; 2) design and fabricate advanced opto-/microelectronic components, perform device analysis and characterization 3) work with technical team on the technology to realize unprecedented miniaturization of opto-/electronic components

Candidates should have the following qualifications:

- A Ph.D./MS in electrical engineering, materials science, physics or any of the related fields, or equivalent advanced experience in the aforementioned areas
- Demonstrated individual contribution to research in a results- oriented team environment.
- A strong track record of external publications and presentations and a desire to publish and participate in external technical meetings.
- Strong communication, organizational, and interpersonal skills.

Salary is commensurate with the person's experience. Interested candidates should respond with a cover letter, resume, and contact information for three references.

[Email us and note the JA number](#)

JA 51 TURBOMACHINERY ENGINEER

Job Location: Bloomfield, CT

Qualifications:

- Bachelor of Science in Mechanical or Aerospace Engineering and at least 3 years experience is required. A Masters Degree with focus on rotating machinery background will be viewed favorably. The ideal candidate would possess knowledge of compressor, turbine design and have practical hands-on practical experience with prototype design, manufacture and testing. Project leadership in the design and development of mechanical components with challenging performance requirements, which require product design innovation and strict schedule/budget management, will be viewed favorably. An applicant with a U.S. citizenship or “lawful permanent resident status” is preferred.

Job Responsibilities:

- The chosen engineering applicant will be challenged by an entrepreneurial environment in the design and development of high-speed turbomachinery. Job responsibilities will require the successful candidate to have a strong mechanical aptitude and to demonstrate competency in the categories of analytical thinking, customer focus, teamwork, self starting initiative, adaptability, results oriented, and communication. The position will focus on the analysis, design and testing of high speed turbomachinery as a member of a team. Additional responsibilities include the presentation of design and testing results and improvement recommendations to management.

About the Company: This company is a world leader in high-speed turbomachinery. We design, develop and manufacture energy efficient and environmentally safe oil-free high-speed turbomachinery supported on foil gas bearings. Products include turbine and motor driven turbocompressors, cryogenic turboexpanders, turbo generators, air cycle machines and foil air/gas bearings.

[Email us and note the JA number](#)

JA 52 SENIOR MECHANICAL ENGINEER

Job Location: Bloomfield, CT

Qualifications:

Bachelor of Science in Mechanical or Aerospace Engineering and at least 7 years experience is required. A Masters Degree with knowledge of small gas turbine engines (20 to 75 lbs thrust) will be viewed favorably. The ideal candidate would possess knowledge of complete small gas turbine design, and have hands-on practical experience with prototype design, manufacture and testing. Project leadership in the design and development of mechanical components with challenging performance requirements, which require product design innovation and strict schedule/budget management, will be viewed favorably. The applicant must have U.S. citizenship or “lawful permanent resident status”.

Job Responsibilities:

The chosen engineering applicant will be challenged by an entrepreneurial environment in the design and development of small (20 to 75 lb thrust) gas turbine engines. Job responsibilities will require the successful candidate to have a strong mechanical aptitude and to demonstrate competency in the categories of analytical thinking, customer focus, teamwork, self starting initiative, adaptability, results oriented, and communication. The position will focus on the analysis, design and testing of small gas turbine engines as a member of a team. Additional responsibilities include project management and customer (DOD) interface.

About the Company: Our company is a world leader in high-speed turbomachinery. We design, develop and manufacture energy efficient and environmentally safe oil-free high-speed turbomachinery supported on foil gas bearings. Products include turbine and motor driven turbocompressors, cryogenic turboexpanders, turbo generators, air cycle machines and foil air/gas bearings.

[Email us and note the JA number](#)

JA 40 Office Manager

Job Location: Bridgeport, CT

We are looking for an Operations Manager-Administrative and accounting person who has excellent computer skills, an effective phone presence, general office comprehension and an innovative approach to solving problems.

Starting salary \$40,000 per year plus benefits plan.

[Email us and note the JA number](#)

JA 41 Sales and Marketing Manager

Job Location: Bridgeport, CT

We are looking for an experienced person who has the ability to take charge and make good decisions independently. Must be computer savvy and have a real strong phone presence.

Salary base of \$40,000 plus performance bonus and benefits plan. This is a growth opportunity as there is a huge receptive market for our products and services.

[Email us and note the JA number](#)

JA 42 Technical Sales

Job Location: Bridgeport, CT

A fiber optic system developer has openings for two (2) sales and service-oriented people who want to get in on the ground floor of an exploding industry. Our firm has several grant applications pending that total \$250 Million. If received, we will need experienced people who can communicate with clients to expand their broadband service with increased bandwidth. Base salary and a benefits plan, plus commission based on experience.

[Email us and note the JA number](#)

JA 43 Marketing & Product Development Executive

Job Location: Bridgeport, CT

Fiber Optic and Wireless System Developer seeks a self-starter who can take a concept and build it into a viable and profitable product. We are building a wholesale network into which we can insert products and services that generate re-occurring revenue. The right person will be an outstanding communicator with a “nothing is impossible attitude.” Compensation will be built on a base salary and a productivity commission plus a benefits package.

[Email us and note the JA number](#)

JA 44 Process Development Technician / Engineer

Job Location: East Granby, CT

“Do You Have A Passion For Excellence?”

We are a high performance and market leading laser and electron beam welding company. Our continued growth requires us to strengthen our engineering team with the next key player. We are looking for a focused, high energy, technically competent, experienced process development Technician or Engineer. A positive can-do attitude is a must in this very dynamic department. If you are creative, motivated, and ready to be challenged we want to talk with you.

Duties and Responsibilities:

- Process development with Laser welding.
- Develop weld processes and parameters in accordance with customer requirements.
- Develop and execute assigned project tasks including technical reviews with customer, weld design conceptualization, analysis, and documentation.
- Test and evaluate metallurgical samples for compliance to customer specifications.
- Support specialized equipment & processes and be a leader in root cause analysis techniques.

Qualifications:

- 3 – 5 years minimum hands on laser welding experience.
- B.S. in Mechanical or Material Science Engineering preferred but not required.
- Must be able to conduct metallurgical evaluations.
- CAD design skills – Solid Works experience preferred.
- Proficiency with CAD/CAMM and/or motion control software a plus.
- Gas Tungsten Arc Welding experience preferred but not required.

If you have what it takes to join our high performance team please tell us in a cover letter “What are the characteristics of a great Process Development Technician / Engineer?” **Only candidates addressing this question will be considered.** Please email your resume, cover letter, and salary requirements when applying. [Email us and note the JA number](#)

JA 45 Sales/Estimating Engineer

Job Location: East Windsor, CT

Company with 20 employees has an opening for an in-house sales/estimating engineer. Duties will include customer and vendor contact, review of customer requirements (blueprints, specs, design, etc.), quotation preparation and follow-up. Degree preferred, but not a definite requirement.

Email us and note the JA number

JA 39 Product Development Engineer, Medical Devices

Location: Greater New Haven, CT

Recruiting Company: Our global CT based client, a giant in the world of wound care, continues its growth. This growth demands additional human capital, namely a seasoned product development engineer with proven experience in medical device product design, carried from concept through commercialization. You'll never get bored since this is a multidimensional job; in short, you will gain exposure to many facets of the business and learn from the best.

To be considered you are to have these qualifications:

- Bachelors degree in chemical engineering, biomedical engineering, material science, biology, or similar discipline
- Minimum of 4 years of industry experience in medical device product design and commercialization
- Familiar with FDA QSR and ISO 13485 medical device regulations
- Knowledgeable in basic physiology
- Demonstrated ability to collaborate with Marketing and Sales in product idea generation, development, and launch
- Familiar with basic laboratory practices

And this is what we expect that you will do:

- Detailed execution of new product design, verification, and validation
- Collaborate with Marketing and Sales to understand customer requirements and translate into product specifications
- Participate in risk analysis for new products and lead detailed follow-through of risk mitigation
- Develop prospective test protocols and perform or coordinate testing
- Maintain and operate a small laboratory
- Create design history file for new products and maintain files for current products
- Create product documentation such as specifications, drawings (some 2-D CAD required), and bills of materials
- Maintain product data in enterprise resource planning software
- Execute engineering change orders to support existing product lines
- Conduct and report on feasibility studies of design concepts
- Perform and report on technology search in the literature

Conveniently located in CT, you will enjoy our location as well as the elite team of A players who make up our crew. The common denominator of the group is to have extensive pride in who we are and what we do but with minimal ego. Interested?

[Email us and note the JA number](#)

[\[](#)

JA 37 Sales Engineer

Location: Middletown, CT

We are celebrating 20 years as a strong, growing, family- owned manufacturing company recognized as a family firm that has made significant contributions to and advancements within its industry. We are proud to do business with OEM's, the Government, and some of their biggest suppliers.

POSITION SUMMARY

Business Development

- Respond to quotes within appropriate time and bid closing requirements
- Maintain up-to-date understanding of industry trends and technical developments that effect target markets
- Establish & maintain industry contacts that lead to sales
- Work with our Business development manager to secure existing customers, and investigate new prospects.

Estimating

- Build thorough cost and process estimates through MRP, incorporating customer specifications into the estimate by working from blueprints, sketches, CAD files or other information, including material and subcontract cost, material handling methods, tooling and resources required to produce and handle product to develop a manufacturing process plan and identify proper work center
- Plan improvements in methods to ensure quality and cost for best method of manufacture
- Keep abreast of new equipment and tooling technologies. Work with Dir of Engineering to prepare ROI for new capital.
- Answer technical question on product characteristics and intent from customers, prospects and co workers
- Consult with Manufacturing and/or Purchasing personnel in determining best manufacturing/cost methods
- Understand GD&T practices and lean principles
- Understanding and utilizing the following basic decision making process so quality and timely decisions will be made that are supported and understood:
 - Understand your authority in the decision making process including involving those affected by the potential decision and those who have meaningful knowledge so they can contribute facts and opinions, if need be
 - Identifying and understanding the criteria for a successful decision and utilizing the help chain (Chain of Command) to communicate pertinent information
 - Convert existing non-standard, or make new work to a standard method.

Additional Responsibilities:

- Assume other responsibilities as required

Qualifications Required:

- Genuine belief in disciplined processes, including quality assurance methods (i.e., ISO & AS) and a willingness to analyze, challenge and change processes, if needed, to create a more efficient environment and culture. Must also understand how to communicate these transformational changes to a diverse workforce.
- Knowledge of manufacturing processes and aerospace alloys
- Ability to use & understand and interpret external documentation such as CAD files, blueprints and specifications
- Ability to read, understand & produce 2D & 3D CAD models and drawings.
- Working understanding of the metals fabrication industry for single turret CNC lathes, and 3, 4, and 5-axis machining of Aerospace work, gauging, & fixturing
- Self-starter who is comfortable with limited guidance
- An understanding and ability to implement lean to create more efficient flow and continually improve upon these implementations
- Computer literate (Windows, MS Office, CAD-Solid Works, CAM –Mastercam, MRP, E-mail)
- Good written and verbal communication skills
- Understanding of the metals fabrication and/or machining industry with a strong focus on Aerospace
- Organizational and time management skills

- Self starter with ability to multi-task and prioritize work day/projects independently

Experience/Education Required:

- Ten (10) years experience in contract manufacturing; AND
- Engineering degree; OR
- Any equivalent combination of experience and training that provides the required knowledge, skills and abilities.

We offer an exciting environment, competitive salary, average of 30 hours of training per employee annually, and a comprehensive benefits pkg. incl. 401(k), medical, and 100% Co. paid dental insurance. All qualified candidates please send a detailed resume including salary history and current requirements in order to be considered.

[Email us and note the JA number](#)

JA 35 Hardware Engineer

Location: Windsor, CT

We are a Small Business company involved in SBIR contracts and R&D work in the aerospace field. We are also developing commercial products for the industrial market. We are currently looking for 1 or 2 contract engineers for the next 1 year with the skills described below.

- Ability to design analog electronic circuits for aerospace sensor interfaces, Switching Mode Power Supply (SMPS) and motor drives.
- Good hands-on circuit design, schematics entry, PCB layout, board level testing, integration and debug experience.
- Experience with design of embedded microcontroller based digital designs with I2C, USB and other data buses.
- Experience with design of FPGA, CPLD designs using HDL.
- Experience and knowledge with environmental testing including temperature, vibration, shock and EMI.
- Experience in designing, building and testing using custom test circuitry.
- [Email us and note the JA number](#)

JA 36 Software Engineer

Location: Windsor, CT

We are a Small Business company involved in SBIR contracts and R&D work in the aerospace field. We are also developing commercial products for the industrial market. We are currently looking for 1 or 2 contract engineers for the next 1 year with the skills described below.

- Experience with design of Embedded software in C.
- Experience with software for real time data acquisition.
- Experience with protocol stacks for serial buses for I2C, USB and other data buses.
- Experience with use of ModBus protocol.

Candidate Profile:

The ideal candidates will bring 5+ Years of engineering experience in a development and prototype electronic hardware design, software programming and integration/ testing. Knowledge of “Lab View” software programming would be a plus. Aerospace experience is preferred. A minimum of a Bachelor’s degree in Electrical / Software Engineering field is required.

[Email us and note the JA number](#)

JA 33 Part Time: CNC Routing Machine Engineer

Location: Montville, CT

Company Background:

This company, founded in 1946 by three brothers, was an early American innovator in no-maintenance products including: marine windows, blinds, storm windows and doors, vinyl coated chain link fence, aluminum railing and shower enclosures. The factory and showroom are housed in the historic former Palmer Mill in Montville, Connecticut. The company has entered its third generation as a local, family owned, American manufacturer focusing on product excellence and service. Customers are as far as Canada, Australia, and New Zealand purchase their products.

The company has continued to innovate with a range of products including: no-maintenance vinyl and aluminum railing, porch enclosures, custom vinyl replacement windows, and for the past decade, high quality vinyl fencing and more.

Position:

A manufacturing company in Montville, CT is looking for a part-time CNC routing machine engineer to operate a computer routing table. The position requires basic math skills and geometry thoughtfulness. The workload is not consistent but mainly during spring-fall. This position requires decent physical condition, hands on practicality, and the occasional lifting of bundles and loading of materials. If someone could be found to do this job and the job below, it would then become a full time position.

[Email us and note the JA number](#)

JA 34 Part Time: Fusion Welder

Location: Montville

The same company (see above) is also interested in someone for the window department to weld windows. Machine operating skills are necessary as well as math and hands on engineering experience. The job involves operating a fusion welder machine and doing some prep work on the pre-welded materials.

Depending on ability, other tasks pertaining to finishing window sashes and assembling would be included.

This position required decent physical condition, hands on practicality, and the occasional lifting of bundles and loading of materials. If someone could be found to do this job and the job above, it would then become ad full time position.

[Email us and note the JA number](#)

JA 32 Vice President Engineering

Location: Torrington, CT

Company Background:

This start-up company was founded on the principle of pioneering a new market for wind energy. Through creative innovation, we have developed a proprietary mid scale wind turbine system that is designed specifically for use in industrial markets using over \$40,000 of electricity annually. By developing an innovative suite of technologies that accelerate existing wind speeds, reduce installation and maintenance costs, and bring turbine sizes in line with what suburban and urban communities will accept, this company has brought wind energy to a whole new world of customers. These markets can include schools, businesses, government locations, factories, etc.

We have over 20 highly motivated, talented employees with backgrounds in engineering, energy, manufacturing and fan technology. This team has completed a detailed design of the product and is in the initial stages of manufacturing the first unit at a customer's site for testing. Upon successful completion and proof of concept, this company will secure additional financing in a series B round for use in manufacturing and commercialization.

The Position:

Reporting to the Chief Executive Officer, our candidate of choice will be defined by his/her technical innovation/brilliance, leadership, and experience with successfully transitioning complex and highly technical products from development to commercialization.

This professional will initially be hands on while effectively leading the engineering group in the design and delivery of innovative wind turbine systems. This individual should be capable of quickly earning the respect of a highly technical and diverse team of managers and engineers. Our candidate of choice will have a demonstrated record of vigorously leading and motivating engineering organizations in delivering high quality, innovative products to market in a timely, efficient, and cost

effective manner. The ideal candidate will leverage his/her analytical and technical expertise in the solution of complex technical and structural engineering problems. This individual will demonstrate creativity while working with vendors in a supply chain utilizing highly customized components. It is essential that this professional create productive vendor relationships and work with these resources to, in many cases, stretch beyond their current processes and capabilities. Our candidate of choice will not only be responsible for technical leadership, but will also be expected to demonstrate and establish a positive culture and working environment as the organization transitions to commercial product launch.

Responsibilities:

- Play a pivotal role in rapidly transitioning the company from a product development orientation to a focus on product commercialization.
- Develop and implement practical solutions to complex design challenges.
- Drive the development process to ensure meeting interim goals and the overall product introduction schedule. Ensure that the product meets its performance, cost and quality targets.
- Effectively mine the technical team's knowledge for innovative technical approaches while keeping the team focused on meeting development goals.
- Work closely with marketing in translating market requirements into viable, reliable, and cost effective product platforms and individual product specifications.
- Focus the engineering team on delivering a product to market.
- Identify, build relationships with and manage critical strategic external suppliers and partners.
- Integrate engineering, vendors, and external development efforts to focus on reliable manufacturability.
- Recruit, review and mentor talented teams of multi disciplined engineers and technicians.
- Create and maintain a positive and results oriented culture.
- [Email us and note the JA number](#)

Qualifications:

Our candidate of choice will bring diverse and deep mechanical engineering knowledge with an emphasis on structural design, aerodynamics, and electro-mechanical design to the position. This is a highly customized product which utilizes various manufacturing process. It is extremely important for this professional to have exposure to several different techniques including but not limited to forging, casting, welding, heat treatment, stamping, molding, etc. This professional must foster positive team dynamics and respect within the organization.

This individual will be an exceptional communicator with an emphasis on leading technology development through commercialization. He/She will have a career that has been defined by demonstrated successes in creatively solving complex technical problems and reaching established goals. The ideal candidate will be a person of ethics, vision, creativity and initiative, as well as a person who has consistently demonstrated his/her ability to commercialize technology successfully.

- A minimum of 10 years experience in innovative engineering environments with significant leadership and management roles is a must. Experience managing highly technical teams including managers and engineers is required.
- Strong structural experience is a must. Experience and aptitude with aerodynamics and electrical design are also highly preferred.
- Demonstrated history of successful product development/commercialization with a focus on technology based products.
- Previous experience in both large organizations and start-up environment strongly preferred.
- Experience guiding teams on complex products through product development, and an inherent sense of how to successfully commercialize technology and products.
- A passion to accept accountability and responsibility for deliverables.
- Extensive project management skills and ability to multi-task in a highly complex and dynamic technical environment.
- Expertise in engineering leadership across multi-functional technical platforms.
- Knowledgeable of modeling, design, drafting, analysis and project management software tools.
- Experience fostering new products through IEC/UL certification processes is preferred.
- Strong communications skills. Proven ability to present to the executive team, board of directors, potential investors, customers, and conferences.
- BS in Engineering. MS or MBA preferred.

[Email us and note the JA number](#)

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JA 31-Electro Mechanical Engineer

Location: East Hartford

Exciting *East Hartford, CT* engineering firm in the fiber optics industry has the need for an out of the box thinker and design expert. You will be supporting contracts to provide lighting for naval surface ships. Work with a strong and experienced management team. Great opportunity for the right individual!

Position Particulars:

A degree in Electro-Mechanics or a similar discipline and 4+ years of experience related to electro-mechanical components assembly, illumination systems, and testing is required. Given the nature of the work, US Citizenship is required and Secret Clearance a plus.

- Build the fiber optic illumination system components.
- Test the components and systems.
- Assist in the expansion of the optics lab and R&D capabilities.
- Assist in the development and fabrication of new illuminators, lamp reflectors, luminaires, and other non-imaging devices.
- Assist in the characterization of the emission and performance of different light sources including metal halides and LED's.
- Provide support in the development of the technical documentation and the data deliverables pertaining to the illumination systems.
- Assist with testing, qualification, installation, and system integration at the test facility and at the customer site (shipyard and/or US Navy vessel).

Position highlights:

Illumination Fiber Optic Cable Design
Illuminator (Light Engine) Design for Manufacturing
Light Diffuser (Luminaire) Design for Manufacturing
System Testing
Engineering Design
Product Development
Installation Support

[Email us and note the JA number](#)

JA 30 Web Application Programmer – (2 positions: 1 Full Time, 1 Part-Time)

Location: Cromwell

Company Background:

Our company background is computer programming building large-scale industry and customer specific systems. We see the Internet as an exciting communications tool to deploy and deliver real world applications directly into homes and businesses. We build custom web-based applications for this purpose. Our philosophy is every piece of information/data residing within each business can be converted, migrated, interfaced and made available to people and businesses on the web.

Skills and Requirements:

- Seeking Skills in Web Development technologies with a large Microsoft emphasis:
 - ASP, ASP.NET (C Sharp), Visual Studio.NET 2003/2005/2008
 - Team Foundation Server
 - VB Script, HTML, JavaScript, XML, CSS
 - Transact SQL, Microsoft SQL Server 2000/2005, Access, MySQL
 - IIS 6.0 Website Configuration
- Website Design a Definite Advantage
 - Adobe Creative Suite Applications
 - 2D Design Experience
- Ability to improve upon existing designs and support existing systems

- Demonstrated skills to develop and manage large, complex web sites using database technology, .net, asp, javascript, and css
- Identify and implement best practices within an existing Microsoft environment
- Experience in web programming essentials
- Excellent customer relations and communication skills
- Ability to work independently and within a project team
- Must be able to meet deadlines set by management and report daily status to team manager
- Must be able to follow Quality Control procedures including change control, documentation, and testing

Current Benefits:

- Excellent Medical coverage
- Paid Holidays
- Sick/personal time
- Paid Vacation
- 401K

Pre-employment drug testing is required.

[Email us and note the JA number](#)

JA 29 Fuel Cell Engineer

Location: North Haven

Company Background

We are a small growing technology company developing, manufacturing, and marketing advanced catalytic devices and systems for Energy sector applications including fuel reforming, clean and efficient catalytic combustion, air cleaning and specialty applications. We operate with revenues from both government R&D contracts and major industrial partner support, and have built a world-leading expertise in catalytic combustion, catalytic reforming, and novel specialty applications of short contact time catalysts. Products under development include compact, high efficiency fuel processors for fuel cells and other applications, ultra-compact burners, trace contaminant control systems, ultra-low NOx catalytic combustors for gas turbines, a downhole catalytic combustor/steam generator for oil and gas production, and short contact time catalytic reactors for chemicals manufacture.

Our team of 33 includes highly educated members (9 with PhDs), strong fundamental skill and substantial experience, with a range of skills including catalysis, coatings, materials, modeling and combustor development. We are flexible, results-oriented, and work well together; smart, energetic people driven to succeed. You will find a very high quality staff, new products under development, an energized atmosphere, and an excellent opportunity to apply your skills in a technology company.

An opportunity has arisen within the team for a skillful Fuel Cell Engineer with excellent, hands-on R&D skills and a creative approach to problem-solving in a dynamic environment. Self-motivated candidates with strong writing and verbal communication skills are preferred. This is an excellent opportunity to work with a team of highly talented engineers on groundbreaking technology.

This role focuses on taking the existing reforming technology and working with the engineering team and collaborating partners to integrate this technology into a power generation system. The successful candidate will advance development of fuel cell components with specific focus on stack and system concepts. We seek someone that can support an integrated reforming and fuel cell system and has good understanding and knowledge of the reforming and the fuel cell system requirements, such as optimum operating conditions, system issues, load change issues, stacks thermal management, water management, etc., as well as what its limitations may be when it comes to the effects of sulfur, steam, load changes and reformat variability.

The successful candidate will be working with the team on the design, fabrication and optimization of power generation systems. Primary responsibilities will include the mechanical design and integration of PCI's fuel processor with a range of stacks, components and unit subsystems. He/She will also support other engineers to help coordinate the overall integration of the system and optimize the system components packaging within the unit to minimize product size and enhance product performance. Stack technologies of interest include Solid Oxide and High Temperature PEM.

Experience Required:

- Hands-on experience in electrochemical systems and testing of Fuel Cells (SOFC, HT -PEM)
- Experience with high-temperature systems and combustible gases
- Experience with fuel cells or other chemical reactors (particularly flow reactors)
- Experience/familiarity with stack assembly, fabrication, and testing, and characterization techniques for SOFCs and other advanced electro-ceramic materials
- Systems knowledge, integration, and troubleshooting experience
- Ability to solve issues with trying to use ATR/reformer exhaust stream to feed fuel cell stacks
- Experience with material property characterization as well as an ability to assess stack performance metrics
- Experience with electrochemical measurement techniques and characterization skills
- PhD or MS degree in Materials/Electrochemistry or related fields with 5 yrs industry experience

Other experience desired, but not required:

- Background in power electronics/ceramics
- Experience with electrical systems or electronics
- Prior military experience
- Prior DOD, DOE Agency experience

U.S. citizenship or permanent residency is required.

[Email us and note the JA number](#)

JA 28 Marketing & Business Development Associate

Location: North Haven

Company Background:

We are looking for someone with high potential. We offer interesting and challenging marketing opportunity in a small technology-based company with exciting prospects and whose success will make the world a better place. Incorporated in 1986, our company is a growing 30 person business developing and commercializing advanced catalytic reactors for energy sector applications. Products in development include fuel processors for fuel cells, compact burners, air cleaners, catalytic combustors, and other catalytic reactor applications. We've become world technology leaders in certain areas, with opportunity to grow technologies to sizable businesses.

We want strong marketing skill and hardware technology insight for an advanced entry level position in our small and growing high technology company. We want you to understand marketing and be able to grow into a marketing manager able to sell advanced technology and its opportunities. We look for a hands-on approach with demonstrated performance, insight, high productivity and a personal drive to excellence.

Responsibilities

We're looking for a self-starter who will thrive in a growing technology environment and whose high quality, high productivity work will support and enhance our marketing and business development. We want an individual who, over time, will learn how to market and sell technologies at a variety of early to late development stages, prior to product introduction. You will begin in this support role, and grow in responsibility and income as you and we do:

- Support the President and the Manager of Marketing & Business Development in business development, proposal and planning activities, and organizational tasks
- Assist in identification and persuasive marketing of promising new business development opportunities
- Assist in identification and successful marketing towards new government R&D awards
- Manage our proposal process, and assist in preparation of winning government and industrial proposals
- Conduct insightful and productive market research
- Develop informative and persuasive technology marketing materials
- Maintain and continuously improve the Company website to achieve its objectives
- Provide effective public relations/image support, including press releases, articles and advanced concepts

Qualifications

Our business is technical, complex, fast-changing, and challenging. Marketing success involves helping others to understand and accept the potential for our technologies, and to be motivated to support these technologies. We want someone who thrives on such complexity and challenge. Our business is built upon technical strength, and we want someone who enjoys technology and technological capability, ideally coming from a science or hardware technology business background. We want someone who understands the underlying nature of a small technology-based business, and who will contribute energy and draw energy from the potential and growth of the business. The successful candidate will offer the following qualifications and attributes:

- Marketing focus (MBA desirable), with intelligence, technical insight and able to sell technology
- Undergraduate engineering or science degree required, with minor in marketing or business development a plus
- Minimum of 2 years experience in an industrial setting or perhaps superb school performance in marketing
- Industrial technology, business-to-business and business-to-government sales comprehension
- Expert level of computer skills, including strong Internet search, Outlook, Word, Excel, PowerPoint, Frontpage, and graphics skills (Adobe Photoshop, Illustrator and Acrobat)
- Clear and effective verbal and written communication skills -- Strong English a must; good math skills
- Enthusiastic, energized by work, high output capability
- Organized, detail-oriented and reliable

[Email us and note the JA number](#)

JA26

Job Title: 2 RFID Systems Engineers (1 Junior and 1 Senior position)

Location: New Haven, CT

RFID Systems Engineers who are excited about combining their interests in engineering and security are needed for a cutting edge project. The team will develop the prototype of a secure, passive RFID tag for the pharmaceutical industry by combining EPCglobal Gen2 communication protocols with the firm's security methods.

Essential Duties and Responsibilities:

- Create product requirements and test plan to support their development.
- Develop digital circuits design via RTL and then a Netlist
- Develop an end-to-end system simulation and analysis to evaluate various technical issues such as modulation schemes.
- Develop new methods / algorithms to improve system performance.
- Design and deploy RF digital communication system and sub-system.
- Provide written reports and summaries of development projects and tasks.

Requirements: (Education, training, skills etc.)

- Bachelors degree in Electrical Engineering or similar
- Minimum 2 (junior position) to 5 (senior position) years experience in RF wireless communication system.
- A solid understanding of wireless communications in theory and applications, plus RFID experience is required. Experience with EPCglobal Class 1, Generation 2 protocols preferred.
- Working knowledge of and ability to create and navigate through detailed technical standards/specifications and other technical documents
- Knowledge of cryptography and security methods is a plus.
- Experience in digital wireless communication system analysis and design such as: Link budget; Channel planning, Multipath Fading analysis, Modulator/Demodulator schema design, Spectrum and bandwidth analysis and System Performance (BER, PER) analysis.
- Knowledgeable in CAD/CAE tools.
- Knowledgeable in Matlab, ADS or similar simulation tools.
- Knowledgeable in Verilog or VHDL, test bench development, and code control
- Good oral and written communication skills
- Must work in a minimum supervision environment
- Able to work alone or within a team.
- Must be self motivated and very creative with excellent communications and writing skills

We are an equal opportunity employer offering medical benefits, disability insurance, paid time off and holidays, health and dependent care spending accounts and a 401K retirement plan.

[Email us and note the JA number](#)

JA 27 Application Developer to build Laboratory Information Management Systems

Job Location: Branford

This company is a software company in Branford, CT, serving the life sciences/pharmaceutical industries. They are looking for smart, hard working people who want a career in an exciting environment with cutting edge technology.

You will learn new skills, interact with scientists at leading institutions, and contribute to advancing research at the frontier of knowledge.

They have an immediate opening for an application developer to build Laboratory Information Management Systems for our biotech & pharma clients. Candidates for this position should be recent graduates who have majored in the hard sciences, such as biology, chemistry, physics, or engineering. The successful candidate will have strong analytical thinking skills; excellent written, verbal, and listening skills; work well with others in a team setting; possess a strong work ethic; and above all, must be committed to excellence. No prior software development background is necessary; however the candidate must be driven to excellence and able to learn a novel technology quickly. Interested candidates should send a resume, transcript, any standardized testing scores (such as SAT/ACT) and a thorough cover letter with salary requirements. Potential candidates will be contacted for a pre-employment assessment and possible interview. Candidates must be able to accept full-time employment and pass pre-employment drug screening. Compensation package includes health care, vacation, and equity participation. This company is an equal opportunity employer.

[Email us and note the JA number](#)

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JA 15

Job Title: Design/Systems/Process Engineer

Location: Newington

An Innovative Manufacturer of Oxygen and Nitrogen gas generating systems and a 7-time winner of the Technology Fast 50 award, is seeking a highly motivated person to join our Engineering department as a process engineer working at our corporate headquarters in Newington CT. We are a small, 45 employee company that needs people who are self motivated and directed team players.

The primary focus of this position will center on engineering design support of product development and existing product improvement efforts. The candidate must be capable of performing engineering duties associated with the development of air separation products using PSA, Membrane, and other technologies to produce non-cryogenic oxygen and nitrogen for industrial, commercial, and medical applications, with minimal supervision.

The successful candidate shall:

- Have an innate ability to multi-task in a dynamic environment with a high degree of precision in short lead times
- Develop new concepts from initial design to market release including design, testing, agency approval, BOM creation, and developing technical data for sales.
- Design and implement new methodologies, materials, machines, processes, and products to bring concept to market, including essential product and process documentation.
- Conduct feasibility studies of the design to determine ability to function as intended.
- Work as a key team member on a large project or be responsible for all of the engineering effort on small to medium projects.
- Develop and adhere to schedules, anticipate issues, create contingency plans and coordinate the activities of peers, technicians, and manufacturing personnel.
- Maintain detailed documentation throughout all phases of product development.
- Source and identify vendors and components for incorporation into products.

- Ability to broaden knowledge and workload capacity, capability and responsibility.

Ideal candidate will possess:

- Ability to assess, develop and evaluate alternative approaches, make a decision, execute and deliver results.
- BS, Engineering- Mechanical, Chemical, Industrial, Manufacturing, etc. (Associates degree with significant related work or industry experience may substitute)
- 3-5 years of related work experience preferred. Top engineering school, high class rank or advanced degree can replace experience.
- PLC programming knowledge and experience with Allen-Bradley, Panasonic, Mitsubishi.
- System and process flow modeling experience (mass flow)
- Capable of producing Process and Instrumentation Diagrams (P&ID) both electrical and mechanical aspects
- Knowledge of process control and monitoring equipment a plus (control valves, flow meters, sensor, transducer, etc.)
- Product development background with product and process layout and design experience
- Computer skills in Microsoft Office, Process Modeling, and SolidWorks 3D modeling software
- Experience with PSA, Air compressors, or Membrane technologies a plus
- Experience with lean manufacturing and 6 sigma

We offer competitive compensation and a comprehensive benefits package. Interested candidates who meet the above qualifications are encouraged to submit their resume for consideration.

[Email us and note the JA number](#)

JA 16

Job Title: Mechanical Engineer III

Location: Bristol, CT

Summary: Generate finished machine designs from a general concept. Use a high level of judgment and experience to make robust, effective equipment. Do so with minimal instruction. Machine types include a complex continuous motion machines, process machines, synchronous and asynchronous assembly machines etc. These designs must address:

Performance: Optimize ability of the machine to perform the specified function, appropriate longevity, maintainability, etc.

Cost: Minimize cost in all phases, design time, purchased parts, materials, fabrication, assembly and debug.

Delivery time: Minimize time to completion in all steps, including engineering, purchased parts, fabrication and assembly.

Essential Duties and Responsibilities include the following. Other duties may be assigned.

- Adhere to the machine specifications.
- Develop appropriate solutions to design problems.
- Collaborate with the project manager on issues pertaining to the project.
- Perform all necessary engineering calculations and keep documentation of the same.
- Select appropriate, cost effective purchased parts with acceptable delivery times.
- Discuss the machine sequence, control requirements, and electrical components with the appropriate controls designer.
- Make detailed drawings of designs while adhering to accepted AGR and ASME standards.
- Fill out the Bill of Materials to AGR requirements.
- Follow the ISO9001 procedure for engineering, including reviews and information capture.
- Support the shop on technical issues during fabrication, assembly and debug.
- Perform correct, timely, engineering analysis when required (i.e. metal fatigue, fluid flow, vibration, heat transfer calculations etc).
- Develop Manuals for machinery (when necessary).
- Travel to customer sites in support of AGR business (rarely).

Qualifications To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Bachelor of Science in an applicable field, (i.e. Mechanical Engineering, Physics).
- A minimum of 5 years experience in engineering design.
- 3D cad experience, preferably Solidworks.
- Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.
- Ability to work with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.
- Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

[Email us and note the JA number](#)

JA 22, JA 23 Experienced Radar Engineers (One or Two positions open)

Location: Trumbull

A corporation is seeking radar engineers with three or more years of relevant work experience in developing signal processing algorithms for ballistic missile discrimination (BMD), ground moving target indication (GMTI), target tracking, space-time adaptive processing (STAP) and/or synthetic aperture radar (SAR) imaging. These engineers are needed for exciting research and development projects where they will perform theoretical studies, algorithm software development, system analysis and design, and modeling and simulation tasks. The ideal candidate will be technically strong, with a BS, MS or PhD in Electrical Engineering, Physics or Computer Science and have strong MATLAB, C/C++, FORTRAN 90 or similar programming skills.

The company is an employee-owned business that performs advanced research and development efforts for the FAA, DoD and other Government agencies that require US citizenship. The company has a small business environment that gives its employees access to leading edge technologies and equipment. The company is an equal employment and affirmative action company that offers competitive wages, benefits, and excellent career opportunities. You can make a difference!

[Email us and note the JA number](#)

JA 24 Inspector (Temporary to Permanent) Entry Level Position \$12/hour

Job Location: Naugatuck

Perform inspections and tests on incoming material, in process and finished product to ensure that quality standards and process controls are being met throughout the manufacturing process. Generate the appropriate documentation, records, and reports. Support quality, engineering, and manufacturing as needed.

Job Responsibilities

- Perform Incoming Visual/Dimensional (V&M) inspections, in process (SPC), and Final inspections as required.
- Review and verification of certification documentation, inspection and testing of parts for compliance to drawings and/or specifications, detailed documentation of results, generation of certificate of compliance, and proper maintenance of records.
- Generate various quality reports.
- Generate NCMR reports.
- Maintain inspection database with required records.
- Generate/maintain database for in process and final inspection information.

Qualifications (required)

- Minimum of 5 years of mechanical inspection experience.
- Experience and knowledge of Acceptance Sampling plans (Mil-Std 105E) and table usage.
- Must be able to read and interpret mechanical drawings.
- Proficient in the use of mechanical inspection equipment including calipers, micrometers, indicators, go/no go gages, and other mechanical inspection equipment
- Visual inspection experience.
- Able to discuss technical problems encountered with manager, engineering, or purchasing staff.
- Ability to prioritize inspection workload.
- Detail oriented and excellent organizational skills.
- Strong communication skills - written and verbal. Ability to work under pressure in a fast paced environment.
- Must have experience with MS Office platforms (Excel, Word, etc.)

The following is preferred:

- Experience working in an ISO 9001:2000 Quality System.
- Gather data for SPC monitoring. Ability to analyze results and identify out-of-control conditions, trends and runs.

This company provides temporary, contract and full-time jobs as well as career services to job seekers, free of charge. If you're job hunting, or looking for immediate work, their recruiters can help you. They have thousands of temporary employment opportunities waiting to be found. Start your job search today and apply for a job!

[Email us and note the JA number](#)

JA 25 Laser Welder (Temporary to Permanent) \$12/hour

Location: Naugatuck

Experienced candidates

We are willing to train (Laser Welding) the right individual

Required Knowledge:

Use of measuring instruments and tools

Blue print reading

Ability to work in a fast paced, ever changing production environment.

Good basic math and communication skills

Attention to detail

Preferred Knowledge not required:

Programming/Setup and Operation of Laser welding machines

Welding terminology

Candidate will be responsible for Setup/Operation:

Laser welding machine and other machines / tools

[Email us and note the JA number](#)

JA7 TURBOMACHINERY ENGINEER

Job Location: Bloomfield, CT

A world leader in high-speed turbomachinery. We design, develop and manufacture energy efficient and environmentally safe oil-free high-speed turbomachinery supported on foil gas bearings. Products include turbine and motor driven turbocompressors, cryogenic turboexpanders, turbo generators, air cycle machines and foil air/gas bearings.

Job Responsibilities: The chosen engineering applicant will be challenged by an entrepreneurial environment in the design and development of oil-free high-speed turbomachinery. Job responsibilities will require the successful candidate to have a strong mechanical aptitude and to demonstrate competency in the categories of analytical thinking, customer focus, teamwork, self starting initiative, adaptability, focus on results, and communication.

Qualifications: Bachelor of Science in Mechanical or Aerospace Engineering and at least 3 years experience is required. A Masters Degree with focus on rotating machinery background will be viewed favorably. The ideal candidate would possess knowledge of compressor, turbine design and have practical hands-on practical experience with prototype design, manufacture and testing. Leadership in the design and development of mechanical components with challenging performance requirements, which require product design innovation and strict schedule/budget management, will be viewed favorably. The applicant must be a U.S. citizen or have “lawful permanent resident status”.

We offer competitive pay with full benefit package, 401(k) Plan and a pleasant work environment.

If interested:

[Email us and note the JA number](#)

JA8 Business Development Manager

Job Location: Danbury, CT

CT based engineering prototype and product development company seeks an experienced Business Development Manager to expand its business into the Medical Device industry in the Northeast. The company designs and develops electronic hardware and software for embedded systems, real-time systems, and control-systems. This is a commission-based job opportunity.

Responsibilities Include:

Identifying and generating sources of new business
Qualifying potential clients
Managing and cultivating client relationships
Developing new opportunities into revenue
Reporting leads, proposals and pipeline

Candidate must have:

- a BS or BA degree
- at least 5 years of experience with marketing and /or business development in an engineering or health care related field
- prior experience with developing new business for engineering companies

If interested:

[Email us and note the JA number](#)

JA10 Embedded Software Engineer

Job Location: Fairfield County, CT

Are you interested in robotics, motion control, control systems and automation? Do you see yourself working on cutting edge technology?

Our company is a consulting firm that specializes in software engineering and embedded systems. Our consultants work on long-term contracts with leading hi-tech companies throughout New England. One of our current clients is in the semiconductor industry and is looking for a consultant who can hit the ground running.

For this position, you need not have prior experience as a consultant, but you must be able to manage your own projects and get things done. In this role, you will be finding & negotiating technical solutions, translating high level requirements into software solutions and possibly leading developments, as well as doing the coding, testing and documentation. You will be working with a multidisciplinary and multinational team.

In our interview process, you must be able to demonstrate your experience with requirements definition, software design and system testing. You must have prior experience with C/C++ programming and scripting languages. Since you will be working on a Unix/Solaris platform (with ClearCase), you must have prior experience on that platform as well as experience on real-time operating systems such as VxWorks, pSos, Vertex. Additionally, you must be able to show that you can write drivers and interact with complex hardware.

This position may require some international travel. It also requires a strong academic background and understanding of electronics and computer science. Compensation will be based on prior experience.

If interested:

[Email us and note the JA number](#)

JA 12 Manufacturing/Process Engineer

Job Location: Plainville, CT

SUMMARY: Responsible for activities of production process planning, engineering and cost estimating for all customer orders. Monitor and evaluate overall manufacturing methods and work processes for all production departments.

Essential Duties and Responsibilities:

Responsible for activities of process planning, engineering and cost estimating
Establish process and most efficient sequences for the machining of customer parts. Troubleshoot and resolve process related problems.

Process job routings and determine sequence of operations. Select and lay out sequence of operations for most effective process taking into consideration standards, specifications and machine capacities. Make changes in tooling and fixtures as required to maximize efficiency. Plan and purchase tooling for upcoming jobs. Construct CAD drawings and operation sheets as required.

Analyze engineering data to determine necessary equipment and tooling required in order to manufacture new or modified products. Coordinate efforts to establish pricing and delivery on sub- contracted services.

Assist management and other staff in determining and coordinating manufacturing capabilities, production schedules, and other considerations to facilitate production processes. Prepare cost estimates for new work.

Provide expertise in troubleshooting and resolving production problems.

Engineer and/or design special fixtures and tooling. Generate computer programs for CNC machining. Determine dimensions and configuration of cuts, select proper tool paths, and determine machine speeds and feed rates.

Perform computerized dry runs and machine test runs with operators to ensure efficient operation of machine.

Modify and make permanent edits to programs.

Maintain DNC library of CNC programs. Modify programs currently in production to adapt to new products and customer requirements or to eliminate problems, accomplish needed changes, or increase operational efficiency.

Participate in special research events and trials. Analyze and plan effective workforce utilization, space requirements, and workflow, and design layout of equipment and workspace. Review historical data to verify correct estimates regarding production times, and related costs to provide information for management decisions. Apply statistical methods to estimate future manufacturing requirements and potential. Evaluate completed jobs and make recommendations for improvements regarding workflow and manufacturing processes.

Maintain effective relationships with vendors and customers (external and internal). Maintain current knowledge of industry, technology and related information. Communicate effectively both orally and in writing. Working knowledge of computer systems and networks.

If interested:

[Email us and note the JA number](#)

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