



EMPLOYMENT ANNOUNCEMENT

- TITLE:** Program Safety Manager
- COMPANY:** ICx Technologies, Inc.
- LOCATION:** J2 Program Office
Hanover, MD
- SALARY:** Commensurate with experience
- MIN. REQ.:**
- **BS in engineering field with 4-7 yrs related experience or a technical degree with 5-8 yrs related experience in Systems, Human Factors Engineering, Hardware or Software**

ICx Technologies, Inc. is looking for a Safety Manager to join our growing team in the Baltimore, Maryland area.

The Program Safety Manager will apply knowledge of system safety engineering principles and processes to control mishap risk associated with a US Department of Defense systems development contract. He/she will develop and implement a Systems Safety and Operational Risk Management (ORM) Program. Provide direction and guidance concerning associated philosophy and concepts to the Senior Program Manager. Provide technical and programmatic inputs throughout all program phases. Support engineering activities to ensure mishap risks to systems and personnel are identified and controlled to an acceptable level. Perform requirements assessments. Address mechanical, electrical, software and hardware type items. Interact with system IPT's to develop hazard control strategies and solutions. Participate in design and safety reviews. Participate in verification activities including testing. Assist in the generation of design and test requirements, specification documents, requirements flow-down and traceability documents, and human factors engineering. Provide support for the development of proposals, associated statements of work, BOEs and Requirements Traceability Matrices.

ABOUT ICx

ICx Technologies is a leader in the development and integration of advanced sensor technologies for homeland security, force protection and commercial applications. Our proprietary sensors detect and identify chemical, biological, radiological, nuclear and explosive threats, and deliver superior awareness and actionable intelligence for wide-area surveillance, intrusion detection and facility security. By leveraging our unparalleled technical expertise, ICx pioneers the integration of these advanced sensors into effective security and commercial solutions.

DUTIES WILL INCLUDE BUT WILL NOT BE LIMITED TO:

- Identify and evaluate safety and health hazards, define risk levels and establish a program that manages the probability and severity of all hazards associated with development, use and disposal of a system in accordance with MIL-STD-882
- Perform and document a Safety Assessment to identify all safety features of the hardware, software and system design and to identify procedural, hardware and software related hazards
- Develop Safety Assessment Reports (SAR) that document the Safety Assessment and clearly identifies residual risks
- Perform and document System Hazard Analysis (SHA) to identify hazards and assess the risk of total system designs and subsystem interfaces.
- Verify system compliance with safety requirements contained within performance specifications; identify previously unidentified hazards associated with subsystem interfaces and system functional faults; and recommend actions necessary to eliminate identified hazards
- Implement Hazardous Materials Management Program (HMMP) in accordance with or similar to NAS 411
- Document the Environmental Evaluation process in an Environmental Compliance Plan (ECP) and provide results of the efforts to eliminate, minimize and control hazardous and toxic materials
- Develop and maintain a Program Environmental Safety and Health Evaluation (PESHE) IAW DoDI 5000.2, Section E.7.7 Environment, Safety, and Occupational Health (OSOH), Operation of the Defense Acquisition System
- Interface for System Safety/ORM with customer counterparts
- Generate requirements, review designs, review documents and validate design implementations
- Maintain the System Safety Engineering hazard report database
- Provide engineering support to design, logistics, test, system engineering personnel, design reviews and interfacing with subcontractor, customer and government personnel

REQUIREMENTS:

- Bachelor's Degree in an engineering field with 4 - 7 years related experience or a technical degree with 5 - 8 years related experience in Systems, Hardware, Software or Human Factors Engineering
- Ability to perform quantitative hazard analyses and develop solutions to complex technical problems in state-of-the-art systems
- Strong written and oral communication skills are required including ability to organize, write and deliver presentations to senior management and customers
- Proficiency with MS Office including MS Project
- Strong analytical skills
- Must be able to review engineering data, assess the data for compliance to safety standards and communicate the results clearly
- Knowledge of Health hazards assessment
- Experience with preparing and presenting at technical reviews
- Performing/generating hazard analyses, event trees, risk assessments, probability of occurrence, human factor analyses, occupational health hazard assessments
- Experience in the handling and management of hazardous materials, development of safety program plans, development and implementation of a hazard tracking and resolution system, development of procedures, and integration of safety activities with subcontractors and vendors
- Experience in and working with MIL-STD-882, MIL-STD-1472, Occupational Safety and Health Administration and AFOSH standards
- Experience in the areas of Operational Risk Management (ORM) and system development is an asset
- Work well in a team environment
- Be personable, able to deal with customers, government representatives, peers and associates
- Willingness to contribute to continuous improvement

ICx Technologies, Inc. offers an excellent benefits package, 401K and paid vacation and holidays. Interested candidates should send a resume in Word or PDF format to: careers@icxt.com or via fax to: (703) 678-2112 with the position title in the "Attention" line.