



## **Material Engineer**

Miami, Florida

Full-Time/Entry Level

LTS is a leader in video surveillance solutions in the category surveillance cameras and network video recorders. LTS is a U.S. based company with well-developed collaboration partners, and acts independently nationwide. Majority of LTS growth is generated by the full video product line; network cameras, NVRs, high definition analog, HDTV cameras and DVRs, PTZ, accessories, and free application software.

We pride ourselves in offering a structure and collaborative working environment where team members can contribute to all aspects of the business.

We are always interested in hearing from good talent with proven track record. Come join us and grow with a company that stays ahead. Interested applicants please submit resumes to [HR@LTSecurityinc.com](mailto:HR@LTSecurityinc.com) or visit our website at <http://www.LTSecurityinc.com>.

### **Primary Responsibilities:**

- Investigate product materials failures and conduct material analyses to provide information to refine product design.
- Perform requirements analysis, develop source data for requirements, generate test requirements and prepare test reports for new IP and TVI camera designs.
- Analyze and research materials and their related fabrication and application processes to develop and optimize materials for use in structural and optical design.
- Review customer's project blueprints, LTS product technical drawings and other customer documents to prepare hardware and engineering calculation to meet customer requirements.
- Analyze customer's surveillance system design proposals, specifications to evaluate the design's feasibility and maintenance requirements in materials aspect.
- Conduct material analyses to include failure analysis of components, systems and subsystems, life predictions, and definition and requirement specifications. May review and approve subcontractor material processing procedures.
- Provide prompt and effective answers to LTS technical support team with complicated issue.
- Be Responsible for the production in the R&D and mass production phase of the reliability verification work, reporting and tracking test found in the problem.



- Identify the quality hazard of the product or raw material.
- Plan the product or raw material quality risk control program and organize the implementation.

**Qualifications:**

- Minimum Bachelor's degree in Materials Engineering or Mechanical Engineering.
- Working knowledge of Materials characteristic metrology and measuring equipment.
- Knowledge of SEM TEM and fluorescent penetrant inspection.
- Exhibit organizational skills to work in a multi-task, fast-paced environment with minimal supervision.
- Thoroughness with excellent attention to details and follow-through.
- Ability to interact with multiple levels of personnel within the organization and externally.
- Technically rigorous and manageable