Job Description

Title*: Integration Test Engineer*_____ _____Cost Ctr: __*701*_____

Work Location: __*Addison, TX*___ _____   Position Status: ☒☐ Part-time

Division & Department: __*Engineering*_____

Position Reports to: __*System Quality Engineering Manager*_____

COMPANY VALUES

All Authentix employees are expected to embrace our Company values in the performance of their respective tasks and duties.

Always with *integrity*.......Authentixians value:
- Dedicating ourselves to our customer's success
- Compete and win with integrity
- Create innovative solutions with science and technology
- Team and collaboration with accountability

JOB SUMMARY

The Integration Test Engineer is a position within the Engineering group who participates in the day-to-day operations of a team testing devices and software applications. The Integration Test Engineer supports a broad range of activities, from product concept, through prototype development, transfer to manufacturing, and incoming QC. This position will work closely with the members of a multi-disciplinary engineering team throughout the development process, from supporting initial proposals and feasibility studies through requirements definition, hardware and software development, implementation, validation, and system deployment. The Integration Test Engineer will analyze system requirements to create and then execute component-, module- and system-level verification and validation test plans.   This position also works with Engineering team leads and corporate quality to drive process improvements and adoption of best practices.

SUMMARY OF ESSENTIAL JOB FUNCTIONS

The essential functions listed below are representative of the functions that must be performed in order to satisfactorily fulfill the purpose of this job. Additional functions and duties may be assumed or assigned from time to time.

- Participate in the day-to-day operation of the System, Test, Hardware, and Software Engineering teams to:
  - Define and develop device qualification and product release testing strategies for both hardware and software.
  - Define and develop incoming quality inspections for components and materials.
  - Define and develop module and system level verification and validation plans.
  - Define and develop software application and platform qualification and release testing strategies and plans.
  - Gather and analyze product requirements

- o Manage and track issues/bugs/defects from start to closer
- o Execute inspection and test plans
- Work with clients to complete tasks and achieve milestones that result in purchase orders, product acceptance, corrective action, and key sales objectives.
- Investigate system anomalies and performance issues to establish root cause.
- Evaluates test results against expected results, implements improvements to process and recommends alternative testing as needed.
- Effectively represent the company during the development and execution of test plans for customer projects.
- Working with Engineering and Production peers, drive effective transfer of device design from Engineering to Production including sourcing of test tools and fixtures and evaluation and development of production acceptance test plans.
- Taking responsibility to deliver on goals and commitments.
- Devising and trying new methods and improvement current methods and processes.
- Executing consistently and finding ways to add new value.

KNOWLEDGE, SKILLS, AND ABILITIES

To perform this job successfully, an individual must be able to perform each essential function satisfactorily. The requirements listed below are representative of the knowledge, skills and/or abilities required to satisfactorily perform the essential functions of this job.

- Engineering degree preferred or 10+ years equivalent work experience.
- 3+ years of testing/quality experience.
- Strong analytical, quantitative, and problem-solving skills.
- Strong advanced electro-optical system troubleshooting ability
- Excellent communication and interpersonal skills with proven ability to lead and engage teams
- Extensive attention to detail
- Broad hardware and software engineering background
- Skilled in data analysis and mentoring others in the application of statistical techniques
- Ability to work independently with minimal supervision, but also work well within a team.
- Analytical thinker able to set and measure performance on group goals and objectives.
- Ability to plan and schedule on the short- and long-term basis.
- Ability to communicate clearly and effectively with internal and external stakeholders. Able to read and follow engineering drawings and instructions
- Ability to handle several tasks simultaneously
- Computer literate (MS Word, MS Excel, SAP)
- Ability to communicate clearly and effectively with customers

SPECIAL REQUIREMENTS

Authentix.

- Comfort and flexibility with domestic and international travel (this may occur occasionally; most travel will be within the U.S. and is expected to involve 10 trips per year)
- Flexible remote work environment
- Programming skills are a plus (e.g. writing/modifying Excel Macros; scripting in Perl, Python, or similar language; familiarity with .Net, C#)
- Develop and manage test tools for data analysis
- Knowledge with Power BI
- Strong familiarity with opto-electronic diagnostic equipment such as oscilloscopes, optical power meters, and multi-meters.
- Willing to provide out of hours technical support by telephone, email, or text
- Able to obtain a U.S. DoD clearance

WORK REQUIREMENTS

The work environment characteristics are representative of those an employee encounters while performing the job. Authentix is committed to complying with all applicable provisions of the Americans with Disabilities Act (ADA), the ADA Amendments of 2008 and all applicable state and local laws concerning disability accommodation. Reasonable accommodations will be provided to individuals with known physical or mental disabilities if such accommodation would not impose an undue hardship on the company, and would enable the individual to apply for, or perform, the essential functions of the position in question.

Environment: Work is performed primarily in a standard [*office/warehouse/lab*] environment. Employees may work under the stress of regular interdepartmental interaction and pressure to meet various deadlines.
Physical: Essential functions require sufficient physical ability and mobility to work in an [*office/warehouse/lab*] setting. While performing the duties of this job, the employee is frequently required to stand and/or sit for prolonged periods of time; must be able to hear and verbally communicate in order to exchange information in person or over the phone; to occasionally stoop, bend, kneel, crouch, reach and twist; to lift, carry, push and/or pull up to 25 pounds of weight; to operate office equipment requiring repetitive hand movement; to occasionally travel to other locations using various modes of private or commercial transportation.

NOTIFICATION

This Job Description is intended to describe the general nature and level of work being performed by people assigned to this job and is not considered an exhaustive list of all responsibilities, duties and required skills. This Job Description does not constitute an offer of employment. The employment relationship between the Company and its employees is "At-Will" and based on mutual consent. Authentix, Inc. is an Equal Opportunity Employer.

Human Resources use only	
Job Title	TITLE
Management (Yes / No)	

Job Description

Status (Exempt / Non-Exempt)	
Date Revised	
HR Approval Signature / Date	
Executive Approval Signature / Date	