

**Job Title:** Quality Assurance Technician

**Position Code:** [Click or tap here to enter Position Code.](#)

**Reports To:** [Click or tap here to enter Report to POSITION no names.](#)

**FLSA Status:** [Click or tap here to enter Exempt or Non-exempt.](#)

### Job Summary:

The Quality Assurance Technician assists the engineering team in the new mechanical, electrical, and software systems for the existing and future fleet of autonomous robot construction machines. The candidate will be expected to contribute to the review of test procedures and be able to provide feedback on them to other Quality and Engineering team members. The candidate will also be responsible for coordinating with the Engineering and Operations teams to execute the timely testing of newly developed components, features, assemblies, and products as needed to support the product lifecycle and roadmap needs of the company. They will be responsible for recording and reporting any discrepancies found, as well as assisting in the initial triage of those issues to streamline engineering efforts in root cause analysis and resolution.

### *Supervisory Responsibilities:*

Occasionally assist operations team members and technicians during test setup to ensure proper test configurations, answer any questions, and note any improvements to be made to our documentation.

### *Duties/Responsibilities:*

- Travel to our local test facility as part of the design and development process and as needed to build operational familiarity
- Become an expert in the operation and use of our systems so you can execute test procedures, working with relevant parties to ensure thorough requirements-based testing of new product designs
- Reviewing test procedures for errors, inconsistencies, and completeness
- Effective communication of discrepancies noted during product development testing to engineering teams for further triage and analysis
- Performing level 1 triage and documentation of issues found during testing, along with corresponding data preparation and organization, to assist engineering in rapidly solving problems

### *Required Skills/Abilities:*

- Ability to provide neutral, accurate descriptions of observed issues and discrepancies found in test and setup procedures, tested systems, components, and features
- Proficiency in Microsoft Word and Excel



- Ability to consistently execute test procedures on hardware and software features that are under development in both indoor and outdoor test facilities
- Familiarity with product lifecycle support release cycles for integrated hardware and software development
- Ability to use basic commercial utilities and to learn similar internally built utilities for gathering supporting data on test discrepancies and issues
- US work authorization, no visa sponsorship
- Inquisitive and flexibility around solving problems and learning new skills
- Experience performing basic analysis of test data to prepare it for engineering review
- Experience performing basic analysis of test discrepancy data to suggest initial areas of investigation by engineers
- Experience with some of these skills or software is beneficial but not required:
  - Atlassian tools
  - X-Ray or Test Rail
  - Motor drive configuration utilities
  - Working with IoT systems and setups
  - Requirements-based testing or other compliance testing
- Experience using Microsoft Tools (Word, Excel, PowerPoint)
- Ability to assist service and support teams when field issues get escalated to engineering by assisting with initial triage and known issue correlation
- Experience working with engineering staff during the development of test procedures, particularly when it comes to advising on clarity, reasonable test scope for a given procedure, and appropriate level of detail to minimize errors in test execution

#### *Education and Experience:*

- Certificate, Associate, or Bachelor from a technical or trade program
- 5+ years of applicable experience

#### *Physical Requirements:*

- Work frequently occurs in both indoor and outdoor locations in varied weather conditions
- Environment can be dirty and noisy
- Requires wearing appropriate protective clothing and equipment including gloves, hard hat, steel toe shoes, and ear protection in appropriate situations
- Active shop floors and worksites around forklifts, JLGs, cranes, and trip hazards
- Walking surfaces that are unstable, such as rebar mats
- Prolonged periods sitting at a desk and working on a computer
- Potential to be standing for long periods of time – sometimes a few hours
- Sits, stands, and walks about the work areas
- Must be able to lift medium to heavy objects up to ~50 lbs
- Occasionally stretches up and across when completing daily tasks.
- Squatting, crouching or kneeling may be required occasionally.
- Twisting the body or neck may be required occasionally.
- Bending is occasionally required to facilitate the lifting of items used daily.
- Requires the ability to walk on unstable surfaces such as untied or loosely tied rebar mats



- Ability to perform repetitive tasks that require hand and grip strength and spending extended periods of time bent over or working on your knees
- The employee must be able to perform the physical demands of the job with or without reasonable accommodation.

### *Safety Sensitive Position*

This is a Safety Sensitive Position requiring work in a heavy manufacturing facility with various safety hazards which are potentially life-threatening to the employee and Team Members without proper safety precautions. This position may require working at heights, in confined spaces, around heavy equipment, and under constantly changing circumstances. This position may also entail project site work at night and on weekends on an as needed basis. Team Members will be subject to more stringent drug testing and compliance policies due to these safety risks.

### *Special Note:*

This job description is presented as guidance only, other reasonable tasks or responsibilities as management sees necessary may be added to this job description in order to achieve satisfactory job performance by the team member.

### *EEO Statement:*

Brayman and Affiliate Companies are Equal Opportunity Employers. All qualified applicants will receive consideration for employment without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, age, genetic information, disability, veteran status, or on any other characteristic protected by law.