

# Engineering Technician II

## 1. Job purpose

The purpose of the role Engineering Technician II is to provide technical support to engineers.

## 2. Job roles

The roles of this job include:

- Working within the company quality management system.
- Being able to operate with a significant amount of technical oversight by company engineers, however the employee will have technical responsibilities and ownership of technical output appropriate to his or her abilities.
- Utilizing time management skills and demonstrating reliability and technical skill to complete multiple project tasks on time.

## 3. Duties and responsibilities

- Building parts and assemblies required for research and product and process development,
- Materials testing and other product testing or inspection activities to support research, product, and process development,
- Accurately report technical information including measured data, events that took place, and simple calculations,
- Completing technical documentation to support engineering work product, and
- Suggest and research equipment and processes to provide cost and safety improvements.
- Apply assembly, testing, and other product manufacturing capabilities to support engineering projects.
- Document engineering project activities in compliance with company quality management system and best laboratory practices as instructed by engineers and management.
- Create CAD models and engineering drawings using appropriate software such as AutoCAD or SolidWorks.
- Use time management skills to balance multiple project tasks and communicate estimated completion dates.
- Perform a variety of tasks such as sample runs, part testing, packing & shipping, material processing, and training of operators as needed.
- Communicate with suppliers to determine material or equipment costs and lead times.
- Comply with all safety and regulatory requirements.

## 4. Qualifications

- High school diploma or equivalent required
- Some college or additional technical education required
- Minimum 3-5 years' technical work experience, preferably in RF and/or heat welding, medical device manufacturing, or similar manufacturing environment
- Demonstrated ability to use hand tools and light or industrial equipment
- Demonstrated ability to make accurate measurements
- Demonstrated oral and written technical communication skills

## 5. Working conditions

Genesis Plastics Welding is an ISO 13485 certified company that has a conditioned plant floor, multiple cleanrooms, and warehouse space. This role requires the employee to work in both office and production environments and may require sitting and/or standing for long periods of time to complete work activities.

## 6. Physical requirements

This role requires a lot of walking between production spaces and office spaces, the ability to operate heavy machinery, power tools, and hand tools, and lift up to 35 pounds occasionally.