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| **Title** | **Controls Engineer – Level I** | **Working Title** | **Controls Engineer – Level I** |
| **Status** | **Full-Time** | **FLSA Status (US Only)** | **Exempt** |
| **Reports to Title(s)** | **Engineering Manager** | **Effective Date** | **1/11/2021** |

 **SUMMARY**
Researches, develops, designs, and test electrical components, equipment and systems by performing the following duties.

* ESSENTIAL DUTIES AND RESPONSIBILITIES
* Must have the ability to program and trouble shoot controllers with Allen Bradley RS Logix 500 and 5000 software
* Must have the ability to program Allen Bradley HMI’s
* Ability to develop a BOM and draw electrical schematics using AutoCAD
* Ability to integrate and program Fanuc Robots
* Trouble-shooting and design skills for PLC, Controller integrated Servo Motion Control (Allen-Bradley GML)
* Provide full support for the automated manufacturing lines
* Provide technical input for business and productivity initiatives
* Excellent verbal and written communication skills
* Ability to function as a team member and individual on projects
* Identify opportunities for process improvements
* Research and recommend new technologies
* Knowledgeable of and supports Human Resource, Quality and Safety/Environmental policies & practices. Strives for continuous improvement in their area of expertise and job function that results in better cost, quality, or functionality of the products we deliver to our customers
* Promote good employee relations and high morale
* Demonstrate teamwork and respect by working constructively with co-workers to achieve the best results possible
* All other duties assigned by the supervisor or department manager
* LEADERSHIP/SUPERVISORY RESPONSIBILITIES
* Occasional supervisory responsibilities, based on project
* EDUCATION, EXPERIENCE, KNOWLEDGE, SKILLS AND ABILITIES
* One (1) to Three (3) years’ of related experience
* Bachelor’s degree or equivalent preferred
* Strong trouble-shooting, design and programming skills for PLC's
* Experience troubleshooting automated industrial production equipment
* LabView knowledge
* PHYSICAL DEMANDS, WORK ENVIRONMENT AND OTHER REQUIREMENTS
* Work in a manufacturing environment
* Exposure to heat, loud noise, dust, odors, dirt/dust and fumes
* Frequently stand, walk, push, pull, reach, and grasp
* Frequently lift and lower up to 50 pounds.  Assistance is required when lifting over 50 pounds
* Frequently carry up to 50 pounds.  Assistance is required when lifting over 50 pounds

The above statements are intended to describe the general nature and level of work being performed by employees assigned to this job, with or without reasonable accommodation. They are not intended to be an exhaustive list of all responsibilities, duties, qualifications, or working conditions. Employees are expected to maintain regular and consistent attendance and comply with the company’s policies and procedures as a condition of employment.