



Electrical Engineer/Control Systems Designer

If you have a desire to grow with a dynamic company, make a difference within the organization, and thrive on working in a fast-paced environment, then this opportunity may be for you.

Agrify is a rapidly growing company that is becoming the most innovative and vertically integrated solution provider in the cannabis & hemp industry. We take pride in delivering the highest consistency, quality, and ROI for our valued customers. We have an immediate opening for an **Electrical Engineer** to work out of our Covington, GA location. For more information about Agrify, check us out at www.agrify.com

Job Description:

This position will work alongside the Director of Engineering, closely with manufacturing, and, in some cases, the end customer. This team member will be responsible for essentially creating, managing, and enhancing the CAD models and drawing library for electrical componentry and control system circuitry.

Responsibilities:

- Designing, implementing, maintaining, and improving the existing design of components, systems, and products for industrial and commercial equipment
- Architecting and implementing new control and sensor systems to meet evolving product requirements
- Performing a wide range of engineering tasks by operating computer assisted design or engineering software and equipment
- Working closely with board, component, and equipment suppliers to optimize the design, reduce the cost, and enhance the value of Electrical and Electronic systems
- Conferring with customers, engineers, and others to discuss existing or potential engineering products or projects
- Ensuring that installation and operations conform to standards and customer requirements by preparing electrical systems specifications and technical drawings
- Establishing construction, manufacturing or installation standards or specifications by performing a wide range of detailed calculations
- Ensuring compliance with specifications, codes, or customer requirements by directing or coordinating installation, manufacturing, construction, maintenance, documentation, support or testing activities
- Writing reports and compiling data regarding existing and potential electrical engineering projects and studies
- Preparing specifications for purchases of electrical equipment and materials
- Estimating material, labor, or construction costs for budget preparation

Skills and Requirements:

- Bachelor's degree in electrical engineering from an accredited college
- A strong attention to detail and working with others is a must.
- Experience in circuit design and implementation of mid-speed mixed-signal systems controlling electro-mechanical components (solenoids, motors, etc.)
- Experience with embedded MCUs, including hardware and firmware development
- Experience interfacing to processing systems (Raspberry Pi, Beagle Bone, etc.)
- Experience with serial communications protocols and developing practical implementations (I²C, SPI, RS-485)
- Experience in circuit board design and layout with mainstream ECAD tools using multilayer

boards (Cadence, Altium, Or CAD, PADS, etc)

- Mathematical computing and analysis tools knowledge (Matlab, Excel, LabView etc)
- Ability to communicate technical knowledge in a clear and understandable manner
- Creativity and analytical skills
- Knowledge of computer-aided engineering (CAE) and computer-aided manufacturing (CAM) as used for physical modeling of components, boards, and enclosures. Solid Works Electrical experience required
- Relevant experience with PLC programming and HMI development
- Experience working with safety agencies (UL, ETL) preferred. UL-508 Certification a plus

In addition to excellent growth opportunities, Agrify provides competitive compensation, a benefit package that includes medical, dental, and vision insurance, a 401K plan, and PTO time. If you believe you will be a strong fit for this position and has what it takes to become a valued member of our high-quality team, then contact us at opportunity@agrify.com Agrify is a non-plant touching company.