



<b>Job title</b>	<b>Controls Systems Technician</b>
<b>Reports to</b>	<b>Maintenance Manager</b>

### **Controls Systems Technician Duties and Responsibilities**

- Maintain and troubleshoot software programs for process control systems, including PLC/PC controllers and industrial networks such as Ethernet and DeviceNet, motor control systems, servo drives, frequency drives, and electrical distribution systems.
- Assist in developing specifications for instrumentation, controls, and electrical components. Read and interpret software control logic, electrical diagrams, manuals, and drawings.
- Perform installation, maintenance, testing and calibration of transmitters, gauges, control valves, transducers, probes, level switches, pressure switches, temperature switches, flow meters, and associated equipment that send and receive data.
- Comply with arc flash, confined space, hot work, LOTO procedures and policies.
- Attend technical conferences and seminars to maintain knowledge of control system processes and procedures.
- Communicate technical issues and project timelines with leadership, operations, and the maintenance team. Explain production impacts and work closely with operations and engineering to ensure a thorough understanding of impact to systems.
- Help train and develop shift maintenance mechanics on controls systems concepts and procedures.
- Working knowledge of computer software and control system applications used in a food process facility (i.e., Word, Excel, Outlook, Allen-Bradley, Ignition, Opto22, Kuka, etc.).
- Must be a team player capable of working on multiple projects, must take initiative with assignments and be proactive with safety, and add value in group projects.
- Perform all other tasks as assigned.

### **Controls Systems Technician - Qualifications**

- Associates degree in electronic technology or related field or 5 years equivalent experience.
- Ability to identify, maintain, troubleshoot, and modify **Allen Bradley Studio 5000** PLC's and PLC components.
- Ability to identify, maintain, troubleshoot, and modify Kuka and Schubert Robotics system components and controls.
- Ability to identify, maintain, troubleshoot, modify, and program AB HMI components.
- Ability to identify, maintain, troubleshoot, and modify Motor Controls including motor starters, Variable Frequency Drives (VFDs), DC drives, and standard electrical components.
- Industrial electrical distribution systems with hands-on experience and troubleshooting, including 120/208/240vac 3-phase, 277/480vac 3-phase, and 24VDC systems.
- Ability to identify, maintain, troubleshoot, and modify multiple Industrial Ethernet networks and VLANs including cabling, unmanaged and managed switches, and all other associated devices.
- Ability to execute project tasks assigned.

- Reasoning, analytical, and problem-solving skills.
- Ability to interpret and modify drawings both mechanical and electrical.
- Ability to identify, maintain, and utilize SCADA systems (Ignition) and KPI's.
- Ability to train others with lesser skills.
- Ability to access all levels and areas of the facility.
- Ability to interpret and understand policies and procedures

### **Essential Physical Requirements**

Working in a manufacturing or warehouse environment, you will be walking, standing and engaging in movement throughout the day, and occasionally to frequently be required to lift items weighing up to 70 lbs. Due to a large variety of job duties (both routine and non-routine), certain duties also may involve, a variety of physical activities including bending, lifting, stooping, turning, twisting, pushing, pulling, raising arms above shoulders and head, standing, working in enclosed areas, climbing stairs or ladders, and operating heavy machinery. The noise level in the work environment can vary but noise is usually low to moderate.

You may be required to wear personal protective equipment such as safety glasses, safety gloves, hearing protection, a respirator or dust mask, protective footwear and protective clothing or uniforms. Work may be performed in cold and/or hot temperatures and the environment can be dusty. Physical requirements further include the ability to engage in productive and collaborative communication with co-workers and work may need to be performed during non-standard hours, including nights and weekends. At times, the ability to work overtime also may be required. The ability to perform these requirements is necessary to successfully perform the essential functions of this job. The company engages in an interactive process to review requests for reasonable accommodations that may be needed to allow qualified individuals with disabilities to perform all the essential functions of the position. Requests for reasonable accommodation should be directed to the Hiring Manager.

### **Disclaimer**

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed.

### **Benefits**

- 401K
- Vacation
- Insurance (Health, Dental Vision)
- Bonus Plan
- Partial Gym Membership

### **Why Hudsonville?**

At Hudsonville Ice Cream, we offer a first-class work environment with a real family feel. We appreciate and recognize the hard work, and dedication of our team members. We firmly believe that our employee's fiscal, physical, and mental health are essential elements to our organization's overall success. It is with this philosophy in mind that we offer a competitive wage and benefits package that starts day one. Moreover, Hudsonville Ice Cream is committed to its team members continual growth and development.

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