

**Controls Engineer – Forward Technology**  
**January 25, 2021**

**Overview:**

<b>Job Title</b>	Controls Engineer
<b>Job Location</b>	Forward Technology LLC 220 Millard Ave SW Cokato, MN 55321
<b>Work Days</b>	Standard: Monday to Friday Special cases: weekends may be required during travel
<b>Work Hours</b>	Standard: 8AM to 5PM Special cases: week nights and weekend hours during travel
<b>Travel Requirements</b>	Some overnight travel is required, <10%
<b>Benefits</b>	Health, Dental, Vision, Life, 401k (Roth or Traditional) w/ company match, 10 Paid Holidays, PTO, Aflac, Short- & Long-Term Disability, Flexible Benefit Plan
<b>Physical Requirements</b>	Some lifting may be required, up to 50lbs
<b>Drug Testing Required</b>	Yes
<b>Education Required</b>	Bachelor of Science Degree in Engineering or relevant experience
<b>Special License Requirements</b>	N/A
<b>Certification Requirements</b>	N/A
<b>Driver's License</b>	Valid driver's license required
<b>Passport</b>	Passport not required, but ability to obtain one may be necessary for possible international travel
<b>Endorsements</b>	N/A

**Job Description/Responsibilities:**

The Controls Engineer will be responsible for designing, programming, and commissioning control and automation systems. Requires work with Forward's production systems and personnel to ensure on-time completion of projects. The applicant will assist with laboratory level work, trouble-shooting and concept development with the production group, and in general you will work with a wide variety of internal resources to ensure projects stay on-time and within budget.

Under minimum supervision, applicant will troubleshoot various automated production equipment. You will build and maintain strong relationships with customers across many different industries and continue to learn the intricacies of plastic welding, leak/burst testing, and automation equipment.

The Controls Engineer will have strong experience with programmable controllers, robotics, vision systems, HMIs, control system design, and hands-on troubleshooting. A go-getter type personality with a strong desire to succeed will help the applicant thrive and grow in this position.

Common tasks for this position include:

- 1) Program and troubleshoot automated equipment using Rockwell Automation software
- 2) Develop control panel and control system schematics utilizing safety circuits, PLCs, VFDs, servo drives, robotics, automation networks, HMIs, etc. using AutoCAD Electrical software
- 3) Create and maintain BOMs and engineering changes associated with projects and resolve and job specification differences

- 4) Review specifications and standard practices – inclusive of the internal hardwired and logic standards, general specifications, and scope of work
- 5) Control system upgrades of existing equipment and integration of new/existing equipment
- 6) Ensure work is completed in accordance with relevant codes and with proper documentation
- 7) Participate in continuous improvement activities to improve processes, efficiency, quality, and service
- 8) Work closely with vendors in identifying appropriate equipment necessary for the project
- 9) Work with supervision to maintain project schedules, standards, and budgets
- 10) Provide assistance to other functional organizations (manufacturing, assembly, customer service, sales) throughout the life of a project

<b>Experience Required</b>	<ul style="list-style-type: none"> <li>• 2+ years of controls engineering experience</li> <li>• Familiar with common US and International Codes such as NEC, UL508A, and NFPA</li> <li>• Experience with equipment specifications</li> <li>• Experience in developing new concepts and cost-effective solutions</li> </ul>
<b>Required Skills/Qualifications</b>	<ul style="list-style-type: none"> <li>• Driven, energetic, self-starter type individual with go-getter attitude</li> <li>• Ambitious person with strong verbal and written communication skills</li> <li>• Electrical aptitude with knowledge of controls concepts</li> <li>• Competent with Rockwell software and AutoCAD Electrical</li> <li>• Creative, out of the box thinker with strong technical writing skills</li> <li>• Willingness and ability to work in a fast-paced environment</li> <li>• Strong time management skills with ability to multi-task daily</li> <li>• Ability to work independently as well as in a team environment</li> <li>• Open to limited travel and developing new relationships</li> <li>• Highly organized with a positive attitude, strong work ethic</li> </ul>
<b>Preferred Skills/Qualifications</b>	<ul style="list-style-type: none"> <li>• Familiar with plastic welding, leak testing, and industrial automation</li> <li>• Familiar with OEM equipment budgeting and concepting</li> <li>• Familiar with suppliers to OEMs and the equipment offerings they provide</li> </ul>

**About Forward Technology:**

Forward Technology is a leader in the plastic welding and industrial automation industry. Forward was founded in 1965 as Tape, Inc. in Plymouth, MN. Forward is a part of The Crest Group of Companies, headquartered in New Jersey. By being a part of a large group of companies, Forward Technology has the opportunity to partner and collaborate with these sister companies around the world.

**Forward Technology’s Mission Statement:**

Forward Technology is committed to developing and providing products, solutions, and services that exceed customer expectations while continuing to improve efficiencies through teamwork and employee involvement, thus resulting in complete satisfaction of customers and company shareholders.

**To Apply:**

Please email resume to [braisanen@forwardtech.com](mailto:braisanen@forwardtech.com) and [dwinkelman@forwardtech.com](mailto:dwinkelman@forwardtech.com)