



## ***Controls Engineer***

Thank you for your interest in employment opportunities with Noria Corporation. Please submit cover-letters and resumes for this position to [hr@noria.com](mailto:hr@noria.com). Noria Corporation offers competitive salaries and benefits packages including 401(k), medical, vision, dental, and life insurance benefits.

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**Summary:** We are recruiting for the position of Controls Engineer to be an integral part of a world-class reliability team for the leading manufacturer of residential and commercial building products in the Joplin area. Their 65 years of success is the direct result of teamwork and an ongoing executive sponsorship of Six Sigma continuous quality improvements. The position will report to the Integration Lead within the Plant Systems team. As part of Plant Systems, the Controls Engineer will provide support to all manufacturing locations by optimizing the efficiency and reliability, troubleshooting and providing technical support of new and existing web handling production processes with special emphasis on migration of Siemens 505 series PLCs to Step 7 PLCs.

**Essential Functions** (Other duties may be assigned to meet business needs):

- Take responsibility for your safety, the safety of your co-workers, and the safety of your designs and projects. Perform all work in a safe manner, report all unsafe conditions, work practices, and work related injuries so that corrective action can be promptly initiated.
- Demonstrate advanced knowledge of the Manufacturing Playbook and Playlist. Support and apply the Playbook/Playlist in all areas.
- Tune, synchronize, and sequence Siemens drives in web handling applications in support of reliability and automation efforts. Drive systems include S110 and S120 Drive systems, Micromaster, Baldor 18h series, various AC vector and low-voltage systems, DC drives (Joliet, Parker, Siemens, etc.), and others.
- Develop robust support documentation for drive troubleshooting and maintenance.
- Read and troubleshoot machine electrical drawings.
- Develop Process and Instrumentation Diagrams (P&ID), controls narratives, and testing protocols for new and existing systems.
- Generate business for plant systems by developing and maintaining relationships with key plant personnel and discussing potential projects while on site. Be customer oriented and remain engaged with the customer even after a job is complete.

**Educational/ Background Requirements:**

- Bachelor's Degree (B.S.) S. in Electrical Engineering, Mechanical Engineering, Computer Science or equivalent
- 2+ years of industry experience with web-handling applications and controls/drives programming.

**Critical Skills/Competencies:**

- Experience in optimizing the efficiency and reliability of new and existing web handling production processes with special emphasis on migration of Siemens 505 series PLCs to Step 7 PLCs.
- Basic troubleshooting and technical support for Siemens 505 series PLCs to Step 7 PLCs platforms is a fundamental requirement.
- Optimization skills for Siemens S120 drive systems and Wonderware object oriented HMI development in System Platform is a plus.

**General Information:**

The above statements are intended to describe the general nature and level of work being performed by individuals assigned to this position. They are not intended to be an exhaustive list of all duties, responsibilities, and skills required of personnel so classified.