Our innovative and growing company is hiring for a manufacturing systems engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for manufacturing systems engineer

- Developing plans for solutions in line with economic, personnel, and environmental considerations
- Integrating information technology systems with manufacturing controls including windows applications, web applications, database design/development, and information technology systems and industrial controls
- Identifying and implementing technology that support business requirements
- Adapting to new technology
- Complete perform audits and audit checklists in preparation for Engineering Review Boards and design reviews
- Perform a hands-on engineering and liaison role between the supplier design team and our organization to implement new designs into the manufacturing phase
- Suggest the design and process updates when necessary in response to manufacturing issues, parts obsolescence, and system requirement changes
- Participate in design reviews acting as an expert in design for testability, design for productability, yield improvements, supplier capabilities assessments, quality control
- Understand and Prepare engineering documentation necessary for the transition from development to production including schematic diagrams, bills of materials, suitable alternate parts lists, mechanical drawings, assembly procedures, and test procedures

Qualifications for manufacturing systems engineer

- Ability to coordinate work from multiple resources, including remote ones
- Knows instrumentation interface protocols to enable functional test applications
- Uses complex machines and equipment, computer interfaces, RS232 and 485 protocols, interfacing digital oscilloscopes, and counters or lab instrumentation to personal computers to accomplish electrical tests per engineering performance verification guidelines
- Uses noncomplex machines and equipment
- Knowledge of company supported Maintenance SAP modules for PM notifications and work order generation
- Working experience with AB-SLC 500 series, AB-PLC 5 series, AB-Control Logix series, AB-Compact logix, RSLogix programming software, Wonder, Panel View HMI series, Wonderware 10.5, Historian In-SQL, Wonderware DAS server, Thin Client Server and Asset Center