



SHAMBAUGH & SON, L.P.
CONTRACTORS ■ ENGINEERS

About Us: Shambaugh & Son, a wholly owned subsidiary of EMCOR Group, Inc., specializes in Design/Build and fast-track project delivery. Shambaugh & Son is a third generation, 85-year-old, construction/engineering firm. We are the third largest specialty contractor in the U.S. and the only one with all eight M.E.P disciplines in-house. We perform over \$290 million of construction per year with over 1,500 employees throughout 40 states.

Job Title: Process Controls Engineer

Job Summary: Experienced process controls engineer with the ability to perform all aspects of a typical process controls job from estimating, system design including higher level information networks, PLC and HMI programming, SCADA system programming, project management, and on site system startup and commissioning.

Essential Duties and Responsibilities: Knowledge in specifying field instrumentation for food and pharmaceutical processes, as well as other process industries.

- Experience with process control system design including, P&ID development, PLC system design, control schematics, and panel layout design.
- Experience with 3 phase motor circuit design and load calculations with respect to the NEC and current safety requirements.
- Experience in designing and implementing control level networks such as DeviceNet, ControlNet, AS-i Bus, Profibus, HART, and Modbus.
- Experience in designing and implementing information level networks such as Ethernet, and Profinet.
- PLC Programming experience must include Allen-Bradley ControlLogix and Siemens S7. Siemens PCS 7 experience is a plus. Process control logic and batch system programming are the typical applications.

Qualifications:

- Experience developing HMI applications with Intouch, FactoryTalk View, FactoryTalk View SE, PanelView Plus, and WinCC.
- Experience developing SCADA applications with FactoryTalk Batch, FactoryTalk Historian, FactoryTalk Transaction Manager, Reporting packages. Siemens Simatic IT knowledge is a plus as well.
- Ability to perform onsite system checkout and start up at the job site location. Experience with directing electricians and fitters during the construction and onsite start up phase. Must be able to work well with field trades.
- This position does require some travel.

- Project management skills require the ability to perform work within the specified schedule and budgets.
- Good customer relation skills are essential.
- Good verbal and writing skills are essential.

Visit us at www.Shambaugh.com to learn "What we do and How we do it."

If you are interested in joining a growing team of engineer and construction professionals, please submit your resume to HR@shambaugh.com.

We offer our employees a competitive salary and comprehensive benefits package and are always looking for individuals with the talent and skills required to contribute to our continued growth and success. EOE M/F/D/V