

**Engineering Project Lead at Western Forms, Inc. in Kansas City, Missouri**

*JOB DUTIES: Read and interpret blueprints, technical drawings, schematics, and computer-generated reports. Generate two- and three-dimensional model and drawings in Autodesk Inventor-AutoCAD-Tekla to support engineering, design, and specification requirements for concrete forming system projects. Assist with researching, planning and formulating design alternatives and solutions for construction projects. Design, evaluate, install, operate, or maintain mechanical products, equipment, systems or processes to meet requirements. Develop, coordinate, or monitor production, including selection of manufacturing methods, fabrication, or operation of product designs. Recommend design modifications. Use drafting tools, computer-assisted drafting equipment/software, and NC programming to design products. Research and analyze customer design proposals, specifications, manuals, or other data to evaluate the feasibility, cost, or maintenance requirements of designs or applications. Write performance requirements for product development/engineering specifications. Track and provide documentation of project resource cost after Technical Services resolution and customer acceptance. Coordinate material requirement procurement to meet timelines; Provide technical customer service. Research and create reports. Assist in the evaluation of new products, software, or processes as necessary. Under supervision of the Engineering Manager, perform personnel functions, including training and mentoring of junior engineering staff. Responsible for project management, including overseeing work assignments and sequencing to expedite project delivery. Establish project milestones and deliverable criteria to ensure client requests are met. Establish and monitor communication process with sales personnel, Technical Services personnel. Provide engineering analysis and evaluation of minor capital projects.*

MINIMUM REQUIREMENTS: Master's degree in Mechanical Engineering (or related discipline) from an accredited engineering program and 2 years of experience in an engineering-related role, including the following: concrete manufacturing experience; working with CAD/FEA/CAE Engineering software; Manufacturing NC programming; Computer and equipment/machine programming and MS-Office Suite; working with Autodesk Inventor-AutoCAD-Tekla; and with Enterprise resource planning (ERP) implementation and usage.

Reply to: [bhansen@westernforms.com](mailto:bhansen@westernforms.com)