We are looking for a Process Engineer to join our Facilities & Process Engineering team in Madison (WI), Appleton (WI), Atlanta, Boise, St Louis, Dallas, Livermore (CA), Jacksonville (FL), Philadelphia, or Denver.

In these roles, you will work closely with Process Engineers and Process Designers on primarily industrial and/or food/beverage-based projects.

Qualifications, Knowledge, Skills and Abilities:
Four-year (minimum) degree in an appropriately-related discipline, such as Mechanical Engineering or Chemical Engineering.
3 to 10 years of relevant engineering experience for designer and engineer roles…10+ years of experience for leadership positions.

Strong working knowledge of Microsoft Office software platform and one or more of the following: AutoCAD, CADWorx Plant Professional (or other similar 3D plant and piping design software) and/or Navisworks. Significant experience in a 3D design environment not listed here will be considered for candidates that demonstrate an ability to master design programs quickly.
Strong process plant design background from conceptual design to plant layout and design of process and utility piping systems.
Working knowledge of process and utility piping specifications and codes.
Working knowledge of structural steel design practices related to equipment supports, pipe, and building structural framing.
Able to visualize and layout process plants and piping in 3D.
Able to develop and work from Piping and Instrumentation Diagrams (P&IDs) for use in plant layout & piping design
Experience with dry material handling systems and conveyors.
Able to work independently as well as part of a team.
Effective verbal and written communication skills with both clients and project team members, with a strong customer service attitude.
Strong analytical skills and good attention to detail with the ability to recognize discrepancies.
Strong organizational skills for maintaining project files and information received from clients and vendors.
Basic understanding of task hour estimating and being accountable for personal hour budgets.
Must be able to meet deadlines and put in the time needed to get the job done.
Able to travel regionally, conduct short overnight trips, or other
Able to drive a motor vehicle, traverse hot/cold environments with sometimes varying terrain, use stationary ladders and steps at client facilities, wear/use personal protective equipment, and manage minimal lifting
Desired: Established network of industry contacts from current or prior project assignments
Responsibilities:
Development of Process Flow Diagrams and P&IDs
Perform 3D facility design and equipment layouts including generation of sketches and General Arrangement drawings necessary for the installation of processing equipment
Perform piping design including 3D routing of pipes, determination of pipe supports and creation of Isometric drawings necessary for the fabrication and installation of piping systems
Assisting with development and following of CAD standards and piping specifications
Performing fieldwork necessary to gather data, check tie-ins and provide construction support.
Assist in preparation of proposals and estimating of new projects
Coordinating with other disciplines and construction trades.
Help develop others in group to become experienced in industrial processes and CAD.
Salary:
Commensurate with education, training, and experience.