



Process Engineer – Wellons

If you would like to work for a company that has great benefits and provides a positive workplace atmosphere with an opportunity for growth, then you want to be a part of our team here at Wellons.

For over 50 years, Wellons has been a leader in providing biomass-fired energy systems, lumber dry kilns, and related products and services. Firmly established, Wellons provides its customers with complete services in design, engineering and manufacturing, as well as installation services and on-site technical support.

We are looking for a fulltime Process Engineer to join our team in Vancouver, WA.

High Level Summary of Position

This Process Engineer will be responsible for performing a variety of routine engineering assignments on major projects or total engineering work on projects of smaller scope.

An ideal candidate for this role will be a self-starter, who is a creative problem solver and exhibits sound engineering practices. This position reports to the Mechanical Engineering Manager.

Key Responsibilities and Duties

- Develops process design and associated deliverables. Some of which include, process flow diagrams, development of mass and energy balances, piping and instrumentation diagrams (P&IDs) and process equipment specifications.
- Defines the approach needed to solve hydraulic, heat and mass transfer problems, including identification and collection of field data/customer information. Develops appropriate solutions to these problems, effectively analyzes and interprets results, and effectively communicates the results to achieve our customers' objectives.
- Engineering calculations may be performed by hand or via PC software
- Sizes equipment including pumps, heat exchangers, mass transfer equipment, pressure vessels, etc. Supports mechanical engineers through development of specifications and design.
- Communicates regularly with project team to convey technical information, identify problems, and develop solutions that achieve project objectives in a timely manner.
- Interface with multiple engineering disciplines, project management, customers, vendors and contractors via phone, email, and live meetings.

Requirements:

- Bachelor Degree in Chemical or Mechanical Engineering, or similar from an ABET accredited program, and 5 years of industry experience is required.
- Knowledge of process systems control philosophy including P&ID development.
- In-depth knowledge of fluid transfer, heat exchange, friction loss in piping systems, including design and operation.

Benefits & Compensation

- Vacation, sick time, holiday pay, medical, dental, vision, profit sharing plan
- Salary: \$85,000 - \$105,000 per year