



Process Piping Engineer – Wellons Inc.

If you like to work for a company that has great benefits, 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 services.

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

High Level Summary of Position

We are seeking a highly skilled Process Piping Engineer who is familiar with ASME B31.1 and B31.3 codes to join our engineering team. The ideal candidate will be responsible for the design layout, engineering, including stress analysis, and supporting the fabrication and installation team. They will ensure compliance with industry standards and regulations while meeting project requirements and deadlines.

Key Responsibilities and Duties

- Safety, and compliance with ASME B31.1 and B31.3 codes.
- Conduct feasibility studies and risk assessments for proposed piping projects.
- Oversee the design of all piping systems including Isometrics, Orthographic, and Supports in accordance with P&IDs.
- Collaborate with project managers, engineers, and other stakeholders to develop piping system designs that meet project specifications and client requirements.
- Prepare detailed engineering drawings, specifications, and material lists for piping systems.
- Perform stress analysis and hydraulic calculations to optimize piping system performance.
- Review and approve vendor drawings, specifications, and materials for compliance with project requirements and industry standards.
- Provide technical support and guidance to construction and installation teams during the implementation phase.
- Working with QC and field personnel, provide technical support and ensure adherence to design specifications, safety standards, and regulatory requirements.
- Participate in project meetings, progress reviews, and client presentations as needed.
- Stay updated on industry trends, advancements, and best practices related to process piping engineering.

Requirements:

- Design and develop piping systems for various industrial applications, ensuring efficiency,
- Qualifications:
- Bachelor's degree in Mechanical Engineering or related field.
- Minimum of 5 years of experience in process piping design and engineering.
- Proficiency in ASME B31.1 and B31.3 codes and standards.
- Strong knowledge of piping materials, fabrication techniques, and installation methods.
- Experience with Bentley & Autodesk piping design software such as AutoPlant, Plant 3D, AutoCAD, Inventor, Vault, BIM or similar tools.
- Excellent problem-solving skills and attention to detail.
- Effective communication and interpersonal skills.
- Ability to work independently and as part of a team in a fast-paced environment.

- Professional Engineer (PE) license preferred.
- Previous experience in industries such as oil & gas, petrochemicals, mining, or power generation is a plus.

Benefits

- Vacation, Sick, Holiday pay, Medical, Dental, Vision, and generous Profit Sharing
- Salary: \$100,000 - \$120,000 per year