



PE - Electrical Engineer III – Wellons Inc.

Would 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 currently have an opening for a fulltime **Electrical Engineer III** to join our team at our corporate headquarters in Vancouver, WA. This position is responsible for electrical system designs for biomass cogeneration facilities, wood-fired energy systems, lumber dry kilns, and related products and services. Duties include, but not limited to the responsibilities outline below:

ESSENTIAL JOB FUNCTIONS:

- Power System Design including Grounding, Duct Banks, Lightning Protection, Substations, Power Factor Correction, Medium Voltage Switchgear, Steam-Turbine Generators, Motor Control Centers, Power Distribution, Lighting, etc.
- Producing single-line diagrams, wiring schematics and other design and construction documentation.
- Interfacing with clients and utilities to determine interconnection specifications.
- Specification, evaluation and procurement of electrical equipment.
- Configuring Protective Relaying and Automatic Transfer Schemes, Breaker Coordination
- Power System Commissioning.
- Training personnel on proper operating procedures of Wellons installations.
- Troubleshooting system issues by phone, online, and on site.
- Perform other duties as directed.

PROFICIENCIES:

- NFPA 70 – National Electrical Code
- NFPA 780 – Lightning Protection Systems
- NFPA 70E – Electrical Workplace Safety
- NFPA 13 – Installation of Sprinkler Systems
- OSHA
- ANSI Standards, Device Numbers & Acronyms

MINIMUM REQUIREMENTS:

- Current P.E. license in Electrical Engineering
- B.S. Electrical Engineering Degree

Software:

- AutoCAD Electrical
- ETAP
- DIALux
- MS Outlook, Office

ADDITIONAL REQUIREMENTS:

- Ability to occasionally travel up to 30% (domestically and internationally) and work hours outside of routine schedule as required to support projects.