

## MECHANICAL PE POSITION

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This position requires a Professional Engineering License, preferably licensed in Washington State. After an introductory period, you will be expected to design, coordinate, and stamp plans for permitting, bidding, and construction. You will experience many types of projects.

### **We're looking for engineers who are:**

- Great communicators that represent our firm with a friendly, professional demeanor.
- Diligent and motivated to uphold the care Rensch Engineering puts into projects.
- Able to work on multiple projects at one time while still tracking priorities.
- Willing and able to collaborate with both in-house and outside engineers, including structural and civil.
- Able to communicate and use platforms such as Zoom, Teams, and other communication platforms.

### **Requirements:**

- Bachelor's degree in Mechanical Engineering (Licensed Professional Engineer, preferable in Washington State).
- A minimum of 4 years of recent experience with HVAC and plumbing systems design.
- Proficiency in AutoCAD MEP, Revit, Office 365, Windows, Trace 700, Sketchup, and other applicable mechanical engineering software.
- Understanding of HVAC systems, including VAV, VRF, Water Source Heat Pumps, Chiller/Hot water systems, and split and packaged systems. Ammonia refrigeration and steam system experience are desirable.
- Ability to design plumbing systems, including hot water sizing, pipe sizing and distribution, multi-story pipe system design, and implementing different piping materials.
- Proven ability to perform heat load calculations, plumbing pressure, pipe sizing, duct sizing, and static-pressure calculations.
- Knowledge of WA State energy code and ability to select code-compliant systems.
- Ability to read and interpret architectural plans.
- Ability to survey mechanical and plumbing systems within existing buildings.

### **Benefits:**

- Competitive Salaries, including bonuses
- Paid vacation
- Paid holidays
- Sick leave
- Medical and dental insurance plan



**MECHANICAL AND ELECTRICAL BUILDING DESIGN**

- Matching retirement plan
- Comfortable, collaborative work environment where your contributions are valued
- A fun place to work— we may fire up the BBQ or have Pie Day
- Opportunity to grow your knowledge and challenge yourself intellectually