

Water Service Engineer

Voltea, Inc. has openings for the position of Water Service Engineer which requires a U.S. Baccalaureate or foreign equivalent degree in Chemical Engineering, Environmental Engineering, or a related field and 12 months of experience in Chemical Engineering, Mechanical Engineering, or Industrial Engineering.

Duties: Gather and analyze water use data to forecast water demand and power consumption. Analyze water demand to dimension system. Analyze water use data and perform water usage software simulations to determine system dimensions and estimate costs associated with water and energy consumption. Provide administrative support for projects by collecting data, providing project documentation, training staff, or performing other general administrative duties. Coordinate or manage environmental protection programs or projects, assigning or evaluating work. Design feasibility tests and develop new testing environments to facilitate CapDI membrane testing, ensure product reliability and lower production times. Perform hydrological analyses, using three-dimensional simulation software, to model the movement of water like design new water purification schemes to meet customer demands. Design pumping systems, pipelines, and water supply system networks for CapDI technology to operate according to design specifications and accommodate customer needs. Design and development of new CapDI technology-based water purification products like participate in the development of new products. Collaborate in the design of new residential, commercial, and industrial CapDI systems. Design the system's water recirculation systems and select the proper instrumentation and controllers to operate the purification process. Analyze and recommend chemical, biological, or other water treatment methods to prepare water for CapDI use like analyze water parameters to determine proper pre-filtration and other water treatment methods to ensure system operates under required feed water parameters of use. Identify, and quantify chemical solutions required to prevent or mitigate scaling and fouling.

40 hrs./week. M-F. Job location: Farmers Branch, Texas. Must be authorized to work in the United States. Mail resumes to HR at Voltea, Inc., 1920 Hutton Ct., Suite 300, Farmers Branch, TX 75234.