

Mechanical Design/Analysis Engineer



Job Description

We are seeking highly-motivated design engineers for work in the growing renewable-energy field. The ideal candidate is a resourceful and organized self-starter with demonstrated capabilities in tackling complex engineering challenges. You will take on a mix of design, analytical, and 'hands-on' assignments related to the development of Brayton's innovative solar-thermal power conversion and advanced hybrid gas-turbine truck propulsion systems.

Qualifications

BS/MS with technical strengths in the areas of mechanical design, heat transfer and thermal stress analysis. FEA analysis experience desirable. Experience in the gas-turbine field ideal but not essential. The position will focus on mechanical design, therefore a strong CAD aptitude is required.

Thermo-Fluids Engineer

Job Description

You will take on a mix of test and analytical assignments related to the development of an innovative small gas turbine and our solar-thermal power conversion system. Strong fundamentals in fluid mechanics and thermal sciences are essential. Responsibilities cover formulation/implementation of test strategy, and benchmarking of test results against aerodynamic performance models.

Qualifications

MS/PhD with technical strengths in the areas of fluid mechanics and thermal sciences. Working knowledge of aerodynamic test methods preferred, the ideal candidate having specific gas-turbine test experience. Facility with LabView software a plus.

Company Profile

Brayton Energy is an innovative, growing R&D firm dedicated to the advancement of renewable and environmentally-responsible energy production. Currently we are expanding our staff for development of a venture-backed solar-thermal power generation concept. Our hybrid gas-turbine vehicle powerplant is a further strong prospect for growth.

Our engineers see a diverse range of challenges, and must be comfortable changing gears on a frequent basis. Our informal work environment rewards creativity, enthusiasm, team collaboration, and a willingness to see problems through to completion without close supervision. Brayton offers a dynamic environment where your contributions really make a difference.

We maintain a well-equipped prototype shop with expanding capabilities in the testing of gas-turbine engines and related hardware. Brayton is located on the NH seacoast about 1 hour north of Boston.