

**Description**

FlexEnergy Energy Systems Inc. engineers and builds the most robust small gas turbine product line bringing together the lowest NOX emissions and best efficiency possible in one standard package. Organization is a fast-paced, innovative company developing and marketing clean energy technology. The incumbent will assemble electrical systems for turbine generators. Must be able to assemble and install electrical components at floor stations using bills of material, drawings, engineering specifications, and quality control documents. Completes sub-assemblies, wiring harnesses, and component assemblies to procedures. Identifies non-conforming or out of tolerance components, using measurement tools. May be responsible for repairs to non-conforming components. Performs a variety of complicated tasks.

**Highlights of Responsibilities:**

In depth knowledge in the following specialty areas:

- Product function fundamentals at both component and system levels.
- Safety policies and practices regarding operation of high pressure and high voltage equipment including hot surfaces and moving parts.
- Specialized electronic devices such as transducers, sensors, actuators, and PLC's
- Inspection of prototype electric components, assemblies, instrumentation and test equipment.
- AC and DC control circuit fundamentals.
- Excellent working knowledge of the following specialty areas:
  - Standard electrical and electronic components in analog and digital circuits.
  - Electrical motor applications and controls.
  - Methods for trouble-shooting electrical circuits.
  - Electrical, electronic, and mechanical engineering drawings.

Demonstrated mastery skills in the following specialty areas:

- Fabrication of production and prototype electrical parts, connectors, wiring, harnesses and modules using specialized hand tools.
- Assembly and installation of production and prototype electrical control modules and systems.
- Perform a variety of electrical component and module performance and endurance tests.
- Advanced troubleshooting of electrical / electronic/ pneumatic control circuits.
- Demonstrated interpersonal skills to effectively communicate within the company.
- Demonstrated ability to plan, organize and manage time to complete simultaneous assignments in a matrix, team environment.
- Demonstrated ability to make timely decisions, applying good technical judgment.

**Specific Responsibilities:**

- a) Comply with OSHA, EPA, other regulations and Flex Energy housekeeping and safety rules applicable to job activities.
- b) Assemble electric sub-assemblies and modules from drawings, sketches, parts lists, or verbal instructions.
- c) Take initiative to notify Engineers of any production and prototype fit-up problems or suggestions to improve the design for ease of manufacturing and assembly, submit ECR's (engineering change requests) as needed.
- d) Perform component, subassembly and electrical component testing.
- e) Ensure safety of all personnel and equipment.
- f) Assist in resolving warranty and field problems and internal quality problems.
- g) Maintain lab test equipment and lab calibration equipment to be productive and to present a positive image to customers and suppliers.
- h) Assist Engineers and managers to achieve departmental and divisional goals.
- i) Perform other duties as assigned.

**Critical Competencies / Experience:**

Demonstrated mastery skills proficiency in the following specialty areas:

- a) AC and DC control circuit fundamentals.
- b) Advanced troubleshooting of electrical / electronic/ pneumatic control circuits.
- c) Able to work in a team setting to meet production schedules
- d) Able to work in a demanding production environment
- e) Use critical thinking skills to identify and resolve production issues
- f) Working around live voltages
- ✓ Computer skillsets in MS Office – Excel & Word
- ✓ Flexibility in job duties

**Additional Comments:**

1. Position may require travel to customer sites to provide field service support.
2. Position may require overtime to fulfill customer obligations.
3. The incumbent must be a team player.
4. Successful candidate must be self-motivated, work with minimal supervision, will ideally have operations experience or experience working in a product assembly/manufacturing environment, good troubleshooting and problem solving skills

**Qualifications and Requirements:**

- Formal Education Requirement:
  - HS Diploma or equivalency, Associates/technical degree preferred
  - Four years progressive experience as an Electrical Technician or in an area of relevant technology.

**Company Profile**

FlexEnergy Inc. ([www.flexenergy.com](http://www.flexenergy.com)) designs and manufactures an innovative product line of gas turbines which produce clean power with near-zero emissions from a broad range of fuel sources. Through its offices in the U.S., Europe and Asia, FlexEnergy employees provide comprehensive expertise in several markets, including Oil & Gas Production, Cogeneration, and Biogas.

**Compensation and Benefits**

We offer a competitive compensation and benefits package including medical, dental, vision, flexible spending account, life and disability insurance, and a 401K plan (with company matching).



FlexEnergy Energy Systems, Inc. is an equal opportunity employer  
**E-mail inquiries & qualifications:** [hrportsmouth@flexenergy.com](mailto:hrportsmouth@flexenergy.com)  
**Please include "Electrical Technician II - NH" in the subject line**

