



## **Test Cell Technician**

### **Location:**

Calgary, Alberta, Canada

### **Summary:**

TransCanada Turbines (TCT) is the sole authorized overhaul, repair and maintenance service provider for Siemens Energy and General Electric (GE) aeroderivative industrial gas turbines, serving an expanding international client base.

TransCanada Turbines' key strength is our people, who offer quality and flexibility that only an independent organization can provide.

We are currently seeking an experienced Test Cell Technician to join our growing team. This position will be located in our Calgary Test Cell facility.

Reporting to the Team Leader, Test Cells or designate(s), the Test Cell Technician is responsible for the testing of General Electric and Siemens industrial gas turbines, maintain test facility systems and assisting in all aspects of repair and overhaul in the TransCanada Turbines facilities.

### **Duties:**

The duties include but will not be limited to the following:

- Testing of General Electric and Siemens industrial gas turbines, ensuring that this work is carried out in accordance with the applicable OEM manuals, TCT specifications and procedures, and standard industry practices.
- Preparation of engines for the testing
- Engine and facility operation and data collection to achieve test objectives
- Engine troubleshooting.
- Performance Analysis in accordance with the relevant test schedules, including production of customer test reports.
- Preparation of the engines after testing is complete for dispatch to the customer, including borescope inspection of engines.
- Inspection, maintenance and repair of engine test support equipment.
- Participate in Calibration of the Test Cell equipment in accordance with TCT Quality procedures and OEM and manufacturers specifications.
- Troubleshoot and repair instrumentation, electronic control systems and supporting mechanical equipment.
- Develop and improve the engine test support systems.
- Monitor and maintain tooling, equipment and consumables. Ensure that equipment is kept in a safe reliable working order. Remove from service any tool or equipment found to be defective.

- Develop and improve the productivity and scheduling of the test cell facility.
- Hands on disassembly, cleaning, inspection, repair and/or assembly of the various product types as required to achieve shop production schedules. Make ongoing work scope recommendations based upon shop floor observations.
- Work with the engine team(s) to ensure a focused, constructive and communicative working environment, delivering high levels of personal and company performance from your team, and from the support services working with your team.
- Make recommendations on tooling and equipment to be provisioned for a gas generator overhaul shop and field service group.
- Make recommendations on policy and procedures to improve shop productivity and profit of the company in general, and to contribute to continuous improvement initiatives.

Employee/team flexibility is of prime importance to TransCanada Turbines. It is important that all employees are willing and able to assist with any activity, at any time, as necessary to support the needs of a changing and demanding customer base in the gas turbine repair and overhaul business.

#### **Requirements:**

- 5 years related experience working with GE and/or Siemens Gas Turbine Engines and/or an equivalent of education & experience will be considered.
- Previous Mechanical experience working on engines would be an asset
- Mechanical aptitude and attention to detail are essential.
- Ability to meet customer expectations in terms of deliver, cost, quality and responsiveness
- Take ownership of HSE issues and demonstrate enthusiasm and support for HSE
- Other duties as directed by the Team Leader, Test Cells.
- Successful completion of a criminal background check
- Successful completion of a post-offer medical and drug test

#### **We Offer:**

- A full comprehensive benefits package, 100% employer paid.
- Company paid RRSP contributions.
- Disability and Life Insurance
- On-site parking.
- Paid time off.
- Bonus.

Qualified candidates can apply directly to [recruitment@tcturbines.com](mailto:recruitment@tcturbines.com)  
 For more information about TCT please visit our website: [www.tcturbines.com](http://www.tcturbines.com)

**\*\*Only those selected for an interview will be contacted\*\***