

**Gradworks Internship Number: 507**

Company Name: SaskEnergy  
Location: Regina  
Number of openings: 1  
Wage: \$3,224 (Monthly)  
Resume Deadline: March 11, 2010 by 4:00 PM  
Start Date: April 16, 2010  
End Date: April 15, 2011

**Gradworks Intern Development Program**

The Gradworks Intern Development Program is designed to provide recent post-secondary graduates with challenging & career-focused positions within our network of Saskatchewan employers. These full-time internship positions of 12 months in length are intended to allow recent post-secondary graduates the opportunity to gain experience & to develop specific career-related skills. To be eligible for a Gradworks internship you must be a recent college, technical institute or university graduate, have little or no relevant work experience in your field of study & be eligible to work in Canada.

**Internship Information – SaskEnergy Engineer, System Integrity**

This position is responsible for conducting engineering analyses and applying expertise required to implement System Integrity programs, providing for the protection of public and company employee safety, and the continued reliable and environmentally responsible operation of TransGas transmission pipelines, station piping and other facilities. This position is to be proactive in the identification, evaluation and sound application of engineering practices, industry practices, and research or technological advancement of proven relevance. This position is responsible for the supervision of assigned internal and external staff involved in System Integrity initiatives. The assignments will support the effective and efficient integration of the various engineering data management systems. The key duties will be developing and implementing quality control of data acquisition and validation processes.

**Responsibilities:**

- Developing processes and software tools to integrate existing and future core pipeline-related information into TransGas' database application.
- Identifying the class location of pipelines consistent with regulatory and industry standard requirements and incorporate information into TransGas' database application.
- Assisting in pipeline risk assessment and in developing optimized risk management plans.
- Assisting in the analysis of pipeline hazard zones on TransGas pipelines for application in risk assessments.
- Assisting in the implementation of risk control programs.
- Assisting in the analysis of inspection results and ensuring appropriate information is incorporated into TransGas' database application.
- Prepare business cases that ensure facilities are optimized and used effectively.
- Responsible for assigned project budgets.
- Responsible for supervision of staff.
- Responsible for supervision of assigned contract staff.
- Deliver technical training for field and technical personnel.
- Make a positive contribution to the achievement of team results.
- Maintain an awareness of industry developments and assist in finding solutions for the gas industry.
- Apply and assist in the development of standards and specifications.
- Implement and evaluate new technology.
- Prepare, review and approve detailed engineering designs, software and reports.
- Provide technical support by applying engineering principles in the investigation, analysis and resolution of technical problems.
- Prepare and develop plans to optimize systems, facilities and processes.
- Manage projects involving engineering design, construction and commissioning of facilities.
- Make effective provisions for public and employee safety in accordance with legislated requirements.
- Comply with any and all applicable Corporate standards, policies, and practices and legislation and regulatory requirements.

**Qualifications:**

Bachelor Degree in Engineering (Metallurgical/Mechanical/Civil/Industrial Systems). Engineer-In-Training, **qualified to practice in Saskatchewan and registered with APEGS.**

- Well-developed analytical skills with the ability to apply engineering principles to project work and technical support.
- Demonstrated engineering judgment, problem identification and problem solving skills.
- Demonstrated ability to provide timely decisions using engineering judgment and analytical skills.
- Demonstrated organizational skills with flexibility in prioritizing multiple tasks producing accurate, timely results.
- Effective oral, written and group communication skills.

- Ability to work independently as well as within a team environment using interpersonal skills to motivate, coach and advise others.
- Knowledge of applicable Codes and Regulations with demonstrated ability to apply knowledge to practical situations.
- Demonstrated computer skills including use of word processing, project scheduling, spreadsheet, programming and database applications.

**Working Conditions:**

- Travel is required including overnight stays away from headquarters.
- Light physical effort, repetitive hand movements, visual effort, manual dexterity, mental concentration, and work volatility.
- Exposure to adverse weather, dangerous elements, dirt/dust, noise, odours, poor driving conditions, poor lighting, restricted working conditions, temperature extremes, VDT, and conflict situations.

**Additional Information:**

The Gradworks Program supports the values of workplace diversity and employment equity. Applications are encouraged from people of Aboriginal ancestry, persons with disabilities, members of visible minority and women.

**How To Apply:**

Please apply through the Gradworks website at [www.gradworks.ca](http://www.gradworks.ca) using your online cover letter & resume, including references. **Your application will not be considered unless you have submitted both a cover letter & resume. The completion date of your post secondary education must be stated in your resume in order to be considered for the position. Please include the month of completion if your education was completed in the current year.**

**Contact Information:**

Toll free (877) 789-4723

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Website: [www.gradworks.ca](http://www.gradworks.ca)