

Electrical Engineer- Calgary, Canada

Overview

Position: Electrical Engineer

Salary: \$50.00 (35 hours weekly)

Languages

English

Education

- Bachelor's degree

Experience

2 years to less than 3 years

On the road

Work locations may vary. Frequent or constant travel is required from the employee.

Work setting

- Various locations

Responsibilities

Tasks

- Conduct research into the feasibility, design, operation and performance of mechanisms, components and systems
- Design power plants, machines and equipment
- Analyze dynamics and vibrations of mechanical systems and structures
- Supervise and inspect the installation of mechanical systems
- Develop maintenance standards, schedules and programs
- Investigate mechanical failures or unexpected maintenance problems

- Plan and manage projects, and prepare material, cost and timing estimates, reports and design specifications for machinery and systems
- Test and adjust control mechanisms and check pipes and piping connections for gas leaks using gas detecting devices

Experience and specialization

Computer and technology knowledge

- Information Technology Infrastructure Library (ITIL)
- Project management software
- Mapping and data visualization software
- Data analysis software
- Database software
- Image editing software
- MS Office

Area of work experience

- Installation, maintenance and inspection of equipment or facilities
- Operations or production
- Quality assurance or control
- Research and development

Area of specialization

- Hydraulics and fluids
- System integration
- Rotating equipment tools
- Transportation equipment
- Material handling
- Nuclear power
- Thermal power

Additional information

Security and safety

- Bondable

Transportation/travel information

- Willing to travel
- Travel expenses paid by employer

Work conditions and physical capabilities

- Fast-paced environment
- Work under pressure
- Tight deadlines
- Attention to detail
- Ability to distinguish between colours
- Combination of sitting, standing, walking
- Standing for extended periods

Personal suitability

- Accurate
- Excellent oral communication
- Excellent written communication
- Organized
- Reliability
- Team player
- Punctuality
- Ability to multitask