



IDENTIFICATION

Department/Reporting Manager/ Supervisor	Position Title	
Business Operations Specialist/Power Engineer	Power Engineer Trainee	
Employer	Location	Country
IBS Engineering	Yellowknife	Canada

PURPOSE OF THE POSITION

The Power Engineer Trainee is responsible for boiler and furnace maintenance under the supervision of a Level 4 Power Engineer within a company owned portfolio of residential and commercial properties as well as residential, commercial and industrial projects, depending on ever changing assignments. Tasks as assigned from time to time by the Supervisor.

Reporting

This position reports directly to the Power Engineer.

RESPONSIBILITIES

For most of the projects, Power Engineer Trainees are responsible for furthering their certification to the highest level possible. Preference will be given to certified power Engineers and apprentices or other certified trades people wanting to improve their certifications.

The primary responsibility of a Power Engineer Trainee while under proper supervision will include;

- Daily checks of the boiler systems, including taking accurate measurements and readings, record keeping and trouble shooting.
- Regular checks of furnaces and perform maintenance as required.
- Changing filters, fittings and fixtures including air filters, oil filters, nozzles, thermostats, zone valves and transformers.
- Cutting, threading and connecting pipe as directed.
- Liaising with clients to discuss project details, budgets, and timelines.
- Working with suppliers to obtain necessary material while staying within the customer budget.
- Working with other trades within the team to complete projects in a timely manner.
- Reading blueprints and designs prepared by other architects, engineers, construction professionals, and ensuring they meet building code recommendations and requirements.
- Snow and ice removal, landscaping, lite carpentry, lite plumbing, lite electrical, painting, drywall and plaster as directed.



WORKING CONDITIONS

Physical Demands

Able to work at Project Site depending upon the requirement. Able to lift up to 40 kg on a limited basis. Able to lift 15 kg repeatedly and for extended periods. The ability to identify, purchase and wear clothing required for working outside from 30 degrees in the summer to minus 40 degrees in the winter. Ability to work safely from scaffolding, lifts and ladders in a manner compatible with safe work practices and at a variety of heights using fall arrest and other safety devices. Occasional working in tight spaces.

Only work in conditions and situations where the assigned task can be completed safely for yourself, other workers and the public.

Environmental Conditions

Project Site – includes working at extremely cold temperatures.

Sensory Demands

Hearing protection required.

Mental Demands

Stressful situation may occur frequently to accommodate competing deadlines and multitask.

KNOWLEDGE, SKILLS AND ABILITIES

A successful power Engineer trainee must have the skill to work within a business environment with skills and qualifications including:

- The desire to achieve certification as a power Engineer by participating in an apprenticeship program, traveling outside NWT for in class education, and the ability to pass tests.
- High level of professionalism
- Excellent work ethic
- Ability to use hand and power tools, including drills, saws, nail guns, chisels, and sanders
- Cabinet making or joinery skills
- The ability to learn building regulations and codes

Typically, the above qualifications would be attained by:

- As a trainee, past work experience in or around the trades, household renovations, outside work and Northern experience.
- Other construction trades will be consider based upon experience, training, knowledge and education.

MANDATORY REQUIREMENTS

- Education and training requirements
- 4000 hours or two years in Northern employment.

SALARY BUDGET

- The pay range for a carpenter is \$17.50 - \$27.50 per hour. depending upon experience, location, last drawn salary, and type of assigned project.
- Overtime is banked and paid annually.