



JOB DESCRIPTION

Job Title: Plant Operator-Term 6 Months Position Number: 92-34

Incumbent: VACANT Effective Date: October 2024

Status: Term Pay Level 7 Bargaining Unit: X Yes No

Supervisor's Title: Supervisor, Plant Operators Department: Operations

SUMMARY

Participates as a member of the Mechanical Maintenance team and is responsible for the safe and efficient operation of Yukon Energy's hydro, diesel, and gas generation units, auxiliary equipment, and related facilities. This role requires strong technical aptitude, attention to detail, and the ability to respond quickly to system disturbances and seasonal changes while maintaining compliance with corporate policies and safety standards.

Safety & Compliance:

- Follow approved Safe Working Plans and worker-/operator-administered protection plans.
- Store all chemicals and hazardous materials per WHMIS and MSDS requirements.
- Act as the initial site lead during on-site emergencies.

Equipment Operation & Monitoring:

- Operate and monitor prime movers (hydro, diesel, gas) and auxiliary equipment under the Operating Authority's direction.
- Log all required readings and perform meter readings as needed.
- Monitor and adjust building heat, airflow, and cooling-water flow; ensure site security.

Inspections & Reporting:

- Conduct daily, weekly, and monthly plant checks and unit readings on generating and peripheral equipment.
- Report deficiencies to the supervisor or by creating formal work requests.

Contractor & Maintenance Coordination:

- Manage contractors for plant, building, water-conveyance maintenance, and snow removal.
- Assist or perform mechanical equipment and water-conveyance system maintenance with high autonomy.

Inventory Management:

- Oversee plant parts inventory: arrange orders, accept deliveries, and track stock levels.



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Seasonal & Environmental Management:

- Manage seasonal transitions of plants and water-management structures in accordance with license agreements.
- Monitor and record lake levels, flows, and operate water-control structures.

System Restoration & Troubleshooting:

- Assist in system restoration and provide technical support following disturbances.

LNG Operations & Orientations:

- Manage unloading of LNG into pressure storage vessels.
- Provide facility orientations to new employees and contractors at plant and LNG sites.

Site Housekeeping:

- Maintain clean plants and surrounding areas, ensuring all workspaces remain safe and orderly.

Confidentiality & Corporate Policies:

- Maintain confidentiality of all corporate information.
- Adhere strictly to Yukon Energy policies, procedures, and guidelines.

Other Related Duties:

- Perform additional tasks as assigned to support Yukon Energy's operational objectives.

KNOWLEDGE, SKILLS, AND ABILITIES

- Preference for 4th Class Power Engineering Certificate or relevant trade certificate.
- Experience with Stationary equipment.
- Proven history of operating electrical generation equipment.
- Strong client service orientation.
- Experience with Windows based computer software applications.
- A proven track record and commitment to safe procedures and encouraging a safe work environment.
- WHIMIS, confined space and forklift training.
- LNG specific training (cryogenic properties and hazards).
- A valid Yukon class 5 driver's license.
- A valid First Aid certificate.
- Ability to work in a team and cross-cultural environment.



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WORKING CONDITIONS

Works in proximity to high voltage, spinning equipment, confined spaces, and pressure vessels. Exposure to open water and plant environment. Travel and periods of immediate stand-by coverage are the requirements of this position. Involves a rotation shift schedule that may require working on weekends and statutory holidays. May be exposed to inclement weather while working outside and when traveling.