



JOB DESCRIPTION

Job Title: Plant Operator - Whitehorse **Position Number:** _____

Incumbent: Vacant **Effective Date:** July 2026

Status: Term-8 Month **Pay Level** 7 **Bargaining Unit:** X Yes ____ No

Supervisor's Title: Plant Operator Supervisor **Department:** Operations

SUMMARY

Under the general supervision of the Plant Operator Supervisor, the incumbent is responsible for the safe and efficient operation of Yukon Energy's electrical generating units: diesel, and gas, plants, and their respective auxiliary equipment.

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.

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1. Adheres to the Corporation's high safety standards by following approved safe working plans and worker administered and operator administered protection plan.
2. Monitors and operates prime movers, diesel and gas, including rental units, and auxiliary equipment as per operational requirements. Includes starting, stopping and synchronizing equipment. Logs all necessary readings, reports deficiencies directly to supervisor.
3. Performs daily/weekly/monthly plant checks and unit readings on plant and rental generations and peripheral equipment.
4. Assists in system restoration following a disturbance under the directions of the system control center and provides troubleshooting support following a system disturbance.
5. Manages the unloading of LNG into the pressure storage vessels.
6. Monitors building heat and airflows as well as performs site security at facilities.
7. Manages the seasonal transitions in plants and equipment.
8. Maintains clean plants and surrounding areas, snow removal, waste management and other maintenance activities as required.
9. Ensures all chemicals and hazardous materials are correctly stored as per WHMIS and MSDS sheets.
10. Manages the plant product inventory by tracking stock levels and accepting deliveries

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11. Assists or performs maintenance on plant, yard, generating and auxiliary equipment as required.
12. Assists tradestaff in the troubleshooting and repair of equipment
13. Assists or performs month end plant readings.
14. Provides relief coverage for Mayo diesel, Dawson diesel, and Faro diesel plants as required.
15. Maintains the confidentiality of all Corporation information. Adheres to all Corporation policies, procedures and guidelines.
16. Other related duties

KNOWLEDGE, SKILLS, AND ABILITIES

- Preference for 4th Class Power Engineering Certificate or relevant trade experience.
- Knowledge at the grade 12 level plus some vocational training in light maintenance and operation of electrical generation equipment.
- Several years of previous related work experience.
- Forklift training.
- LNG specific training (cryogenic properties and hazards).
- Proven history of operating electrical generation equipment.
- A valid class 5 driver's license.
- A valid First Aid certificate.
- WHIMIS and TDG training.
- Fall Arrest training.
- Confined space certificate.
- Knowledge of Windows based computer software applications.
- Ability to work in a team and cross-cultural environment.
- A proven track record and commitment to safe procedures and encouraging a safe work environment.

WORKING CONDITIONS

Works in proximity to high voltage and spinning equipment. Confined space and pressure vessels. Exposure to open water and plant environment. Travel and periods of immediate standby coverage are requirements of this position. Works a rotating shift schedule that may require working on weekends and statutory holidays. Will be exposed to inclement weather while working outside and when traveling. Works alone for extended periods of time.