

JOB DESCRIPTION

Job Title: Maintenance Mechanic

Position Number: 92-46

Incumbent: Vacant

Effective Date: January 2026

Status: Permanent **Pay Level** 8 **Bargaining Unit:** X Yes No

Supervisor's Title: Supervisor, Mechanical Maintenance **Department:** Operations

SUMMARY

Participates as a member of the Mechanical Maintenance team and performs Journey level mechanical/millwright/welding work on the installation, repair, troubleshooting and maintenance of various pieces of electrical generation and water control equipment in a safe, reliable, and efficient manner. This includes mechanical maintenance of hydro, diesel, and LNG units along with their respective auxiliary and water conveyance equipment. All work shall be carried out and properly documented in accordance with Yukon Energy's policies, guidelines, and procedures.

DESCRIPTION

1. Technical Skills

- Maintains, installs, troubleshoots, and repairs all YEC mechanical equipment. This includes hydro, diesel and LNG units, their auxiliary equipment and water conveyance systems. Reacts to emergency situations in a safe, reliable, and efficient manner.
- Performs and assists with preventive maintenance and overhauls to ensure reliability of systems and equipment.
- Provides millwright, pipefitting, and/or welding services.
- Participate in the design and commissioning of systems/equipment.
- Maintains and operates the cryogenic storage facility. Assists in the calibration of electronic equipment as required.
- Reads, interprets, and maintains mechanical drawings, schematics, and P&IDs.
- Stops, starts, and synchronizes prime movers as per operational requirements.
- Monitors and operates plant equipment as per operational requirements, including interfacing with human machine interfaces' (HMI). Logs all the necessary readings as required.
- Assists in system restoration following a system disturbance under the direction of the control centre operator.
- De-energizes and isolates / energizes and returns to service equipment and their respective auxiliary equipment as per standard procedures.

2. Reliability

- Maintains accurate records and test results. Regularly updates Work Order records within the EAM system ensuring that sufficient details are provided.
- Provides input to priority setting, capital projects, and equipment specifications.

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- Develops safe work procedures, maintenance requirements, and maintenance plans for new and existing equipment.
- Identifies and assists in the implementation of process/business improvements.
- Maintains the confidentiality of all Corporation information. Adheres to all Corporation policies, procedures, and guidelines

3. Safety

- Reviews and understands the emergency preparedness plans and procedures for all facilities. Participates in the emergency response exercises.
- Adheres to the Corporation's high safety standards by following approved safe working plans, worker administered, and operator administered protection plans and wears appropriate personal protective equipment when required.
- Maintains clean plants and surrounding areas.

4. Teamwork

- Plans, coordinates, directs, and assists work with other trades/contractors and provides guidance and training to apprentices and others as required.
- Trains and assists other workers in completing routine maintenance tasks on all corporate equipment.
- Provides facility orientations to employees and contractors as required.

5. Other Related Duties

- Perform other related duties as required.

KNOWLEDGE, SKILLS, AND ABILITIES

- Journey certification as a heavy equipment mechanic, millwright, or welder with several years of previous trade experience, two of which are in a power generation environment.
- Knowledge of Windows based computer software applications.
- Certification in WHIMS, TDG, rigging and hoisting, confined space, and fall arrest.
- Strong client service orientation, good interpersonal skills, and the ability to work collaboratively in a team environment.
- A proven track record and commitment to safe procedures and encouraging a safe work environment.
- Proven troubleshooting skills
- A valid 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, underground facilities, pressure vessels and cryogenic fluids. Exposure to heights, open water, and plant environments. Travel and periods of immediate stand-by coverage are the requirements of this position. May be exposed to inclement weather while working outside and when traveling by ground or air.