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 Qulliq Energy Corporation  
 Société d'énergie Qulliq  
 Qulliq Alruyaktuqunik Ikumatjutiit

# Job Description

## Qulliq Energy Corporation

<b>TITLE</b>	Heavy Equipment Technician	<b>POSITION NUMBER</b>	Various
<b>REPORTS TO</b>	Regional/Maintenance Supervisor	<b>POSITION GRADE LEVEL</b>	G
<b>HOME COMMUNITY</b>	Cambridge Bay, Rankin Inlet, and Iqaluit	<b>POSITION TYPE</b>	Indeterminate

**PURPOSE** The Heavy Equipment Technician position is responsible for troubleshooting, maintaining, and overhauling the Corporation's diesel generators and associated support equipment including engines, pumps, compressors, radiators, heat exchangers, lube oil systems, fuel oil systems, cooling systems, and other related subsystems. This position works in close collaboration with other trade positions and travels frequently to remote communities within the region to ensure optimal operation of generation systems.

- PRIMARY RESPONSIBILITIES**
- Inspects, troubleshoots, and repairs mechanical generation systems, subsystems, and equipment to ensure maximum productivity and quality.
  - Inspects, troubleshoots, and repairs emergency mechanical systems, subsystems, and equipment and replaces as required.
  - Travels to remote communities to perform regular inspections, conduct preventative maintenance, install equipment, and perform general repairs to mechanical generation systems.
  - Works in collaboration with the Engineering department to review design and equipment specifications to ensure projects meet all regulatory and QEC compliance standards.
  - Works in collaboration with related trades and staff to ensure on-time and on-budget completion of capital and O&M projects.
  - Maintains maintenance documentation and coordinates with Engineering, operators, maintenance staff, when amending documentation.
  - Provides on-site solutions or modifications to bring systems back online as quickly as possible during outage situations while mitigating risk to equipment.
  - Maintains a clean and safe work environment at all times and acts in a pro-active manner to make timely recommendations for continuous improvement of operations and equipment.
  - Coordinates with Stores to ensure appropriate mechanical inventory and materials are ordered in advance of the annual sealift season.
  - Ensures work is conducted in accordance with all corporate policies and procedures; territorial, provincial, and national codes; and in compliance with all health, safety and environmental regulations.
  - Communicates with local and territorial government to advise on power interruptions resulting in direct impact to communities, as required.

- EDUCATION AND TRAINING**
- Intra-provincial certification as a Heavy Equipment Technician or similar certification.
  - Inter-provincial certification as a Heavy Equipment Technician or similar certification is an asset.

- PRIOR EXPERIENCE**
- Experience working in a diesel power plant is an asset.

**INTERPERSONAL SKILLS** Interaction is with fellow employees or peers within the immediate work area. Communications with others are normally routine in nature. Interactions usually involve brief, straightforward exchanges of information. The job requires every-day communication skills and common courtesy.

**CONCENTRATION** Work involves a moderate degree of high alertness and concentration to complete job tasks. There are some sensory demands or job requirements for unusual vigilance or attentiveness. Employees usually control their own work pace. However, there are some time pressures to finish specific job tasks.

**PHYSICAL DEMANDS** A main requirement of the job is physical labor. Forces exerted are equivalent to lifting more than 50 pounds. The need for physical stamina and endurance is extremely significant.

**SCOPE** There is a high degree of job structure. Job tasks are generally straightforward, with some degree of repetitiveness. Employees usually receive direct and/or indirect supervision that focuses on monitoring accuracy, quality, and adherence to detailed instructions. Discretion and judgment must be used to make decisions, interpret directions, and apply guidelines.

**MATERIAL RESOURCES** Work requires limited responsibilities for material resources. Examples of resources could include supplies, equipment, inventories, small budgets, and other similar material assets.

**INFORMATION RESPONSIBILITY** Work typically requires very limited responsibility for information. Information is generally not sensitive and is noncontroversial and is logged by compiling, checking, and/or arranging information

**SUPERVISORY** The job requires the provision of occasional guidance and training to others. The job does not have formal or official supervisory responsibilities.

**WORKING CONDITIONS** Exposure to moderately adverse and undesirable environmental conditions. Some health and safety risks. May require safety equipment and precautions.

**AUTHORIZATION**

_____ Senior Manager (Department)	_____ Date	_____ President and CEO	_____ Date
_____ Supervisor	_____ Date	_____ Employee	_____ Date

The content of this position description is intended to describe the general work being performed by the incumbent in this position. It is by no means intended to be an exhaustive list of all responsibilities and activities required of this position, nor could it be. The incumbent will be required to additional work duties assigned by Management. For express clarity, the work activities of any position at QEC will not be limited to the Position Description.