

**Offer:** Professional Internship (1)

**Position:** Mechanical Technician Intern (1)

**Host Company Name:** Rusumo Power Company Ltd

**Address:**

Kirehe- Kigali, Rwanda

**Duration:** 6 months

**Professional Internship Start Date:** November 4, 2024

**Monthly Stipend given to professional intern:**

- 100,000 Frw covered by EPD

**Priority:** Fresh Graduates: (Not more than 2 years sharp after graduation)

**Note:** Female are also encouraged to apply

**About the Host Company:** Visit their website: <https://www.rusumorpcl.com/>

**Position Overview:**

As a key member of Rusumo Power Company Limited (RPCL), the Mechanical Technician will report directly to the Mechanical Engineer and work closely with other technicians and supporting staff.

The Mechanical Technician will be responsible for troubleshooting, inspections, and maintenance of all mechanical equipment associated with the Regional Rusumo Falls Hydroelectric Project (RRFHP), based on OE/OEM recommendations, relevant law and industry best practices.

**Key responsibilities:**

- Perform troubleshooting, repair, maintenance and inspection of all mechanical systems at RRFHP (i.e. turbine/generators, bearings, HPU, cooling water system, intake gates, spillway gates, and other balance of plant equipment etc.);
- Assist in troubleshooting problems and perform periodic inspections;
- Assist in the development of maintenance procedures and be responsible for the execution of the same;
- Attend Plant safety meetings, and follow all safety rules and regulations;
- Participate and perform lockout / tagout to isolate machinery for inspections and maintenance;
- Direct and provide on-the-job training and assist in the appraisal for junior personnel;
- Provide emergency after-hours support (call-out) and standby duties as required.

**Skills & Qualifications:**

- Master's degree in Electrical Power Systems, or Bachelor's degree in Mechanical Engineering, or Advanced Diploma in Renewable Energy Technology, or a related field.
- A diploma in Mechanical Technology from an institute of recognized standing and or completion of training program leading to the designation of Mechanical Technician/Millwright;
- Familiarity with Kaplan turbines and associated equipment is an asset;
- Must be prepared to undertake further development of technical or leadership skills through participation in internal and external training and development;
- Thorough knowledge of the use and care of all instruments and test equipment;
- Possess initiative and mature judgement with the ability to make and implement sound decisions;
- Knowledge of scheduling and planning techniques, budgetary controls, functional cost accounting;
- Ability to prepare technical reports in a clear, concise manner;
- Conversant with and adhere to Safety Rules and Regulations;
- Physically capable of performing all the duties of the position.

**Benefits:**

- Hands-on experience in cutting-edge energy projects.
- Mentorship from experienced professionals in engineering field.
- Opportunities for professional development and networking.
- Work on impactful projects focused on sustainability and renewable energy.
- Potential for long-term career opportunities within the company upon successful completion of the internship. (e.g: Job, etc)

**Application:**

- **Application Deadline:** October 22, 2024
- **[Apply Here](#)**

**Candidate selection & date:**

- Shortlisted : October 23-24, 2024.
- Interview call & confirmation email: October 25, 2024
- Interview Period: 28th-31st October, 2024
- Onboarding: November 4, 2024.