



Radio Access Network Technician/Rigger

JTL-Access Network-RANT-05-26 | Engineering | Contract | Posted on June 1st, 2026 | Expires on May 31st, 2026

The RAN Technician/Rigger is responsible for the installation, maintenance, and troubleshooting of telecom network infrastructure, including radio equipment, tower systems, antennas, feeders, and microwave links. The role ensures reliable network performance through safe execution of site activities, preventive maintenance, fault resolution, and compliance with operational and HSE standards.

Key Responsibilities (Based on Assigned Function):

1. Install, configure, commission, and maintain microwave radios, LTE/GSM equipment, and other telecom infrastructure at tower and rooftop sites.
2. Conduct Physical Acceptance Tests (PAT) and site quality inspections for newly installed equipment and infrastructure.
3. Perform preventive and corrective maintenance of telecoms equipment to ensure maximum network uptime and service quality.
4. Carry out troubleshooting and replacement of faulty radio, transmission, and power equipment on tower and rooftop installations.
5. Support network optimization activities including drive tests, signal analysis, fault diagnostics, and performance improvement initiatives.
6. Maintain and support electrical power systems including rectifiers, batteries, generators (DEG), power distribution systems, grounding, and site electrical protection systems.
7. Monitor and inspect site electrical installations to ensure compliance with electrical engineering standards and safety requirements.
8. Conduct periodic inspection and maintenance of tower and rooftop infrastructure, including rust treatment, earthing quality checks, and structural observations.
9. Conduct site surveys, technical assessments, and feasibility studies for network expansion and infrastructure improvements.
10. Support implementation of network upgrades, modernization projects, and new technology

deployments.

11. Prepare maintenance reports, incident reports, acceptance documentation, and operational records accurately and on time.

12. Provide day-to-day supervision, technical support, coaching, and work allocation for the reporting technician to ensure efficient field operations and compliance with standards.

Minimum Qualifications Required Skills & Competencies:

- Diploma in Electrical and Electronic Engineering, Telecommunications Engineering, or a related technical field.
- Minimum of 2–3 years' experience in telecom field operations, radio systems, or network maintenance.
- Knowledge and hands-on experience in installation, commissioning, and maintenance of microwave radio systems and LTE/GSM equipment.
- Relevant vendor certifications will be an added advantage.
- Basic understanding of electrical engineering principles, AC/DC power systems, rectifiers, generators, batteries, grounding, and electrical safety practices.
- Valid Fall Arrest Certification with at least one year before expiry.
- Certification or training in RF Awareness, HSE, and DOSH regulations.
- Must be physically and medically fit for working at heights and field operations

Location: Jamii Towers

Department: Access Network

Job Type: contract