

## **Terms of Reference: Transmission Technician**

The purpose of this document is to define the Terms of Reference for the position of the Transmission Technician. The Transmission Technician will be responsible for the operation, maintenance, and technical support of TV and radio transmission equipment and systems to ensure reliable and high-quality broadcasts.

### **Position Overview:**

Position Title: Transmission Technician

Department/Division: Engineering Department/Transmission Division

Reporting to: Transmission Manager/Supervisor

Employment Type: Full-time

### **Responsibilities:**

The TV and Radio Transmission Technician will be responsible for the following tasks:

1. Operating and monitoring TV and radio transmission equipment, including transmitters, antennas, amplifiers, receivers, and related systems.
2. Monitoring broadcast signals and quality to ensure compliance with technical standards and regulatory requirements.
3. Conducting routine maintenance, troubleshooting, and repairs of transmission equipment to ensure optimal performance and minimize downtime.
4. Performing regular checks and tests to verify the quality and integrity of TV and radio signals.
5. Assisting in the installation, configuration, and commissioning of new transmission equipment.
6. Collaborating with the engineering team to resolve technical issues and implement system upgrades and enhancements.
7. Keeping accurate records of maintenance activities, equipment performance, and signal parameters.
8. Assisting in the calibration and alignment of transmission equipment for optimal performance.
9. Keeping up-to-date with the latest transmission technologies, standards, and best practices.

### **Qualifications and Skills:**

The ideal candidate for the Transmission Technician position should possess the following qualifications and skills:

1. Certificate in Electrical, or a related field (or equivalent experience).
2. Strong troubleshooting and problem-solving skills in a broadcast transmission environment.
3. Ability to work under pressure and adapt to changing broadcast requirements.
4. Willingness to work flexible hours, including evenings, weekends, and public holidays.

### **Working Conditions:**

1. The Transmission Technician will primarily work in a transmission facility or broadcasting center.
2. The position may involve working in shifts to cover 24/7 transmission operations.
3. Occasional travel to transmission sites or off-site locations may be required.