

Position Summary

The Emergency Responder Communication Enhancement System (ERCES) Inspection & Compliance technician is responsible for performing annual inspections, testing, documentation, and compliance verification of Emergency Responder Communication Enhancement Systems (ERCES) in accordance with applicable codes and standards. This role ensures that in-building public safety radio systems meet all requirements established by the Authority Having Jurisdiction (AHJ), applicable NFPA codes, and FCC regulations.

This position is primarily night-based (approximately 90% overnight work) due to testing requirements, building occupancy constraints, and coordination with public safety agencies. The ideal candidate must be self-directed, technically proficient, and capable of working independently during overnight hours.

Primary Responsibilities

Annual Inspection & Testing

- Perform annual ERCES inspections per adopted Local NFPA requirements. To Include:
 - Conduct grid testing (RSSI, BER, SINAR, DAQ)
 - Conduct visual inspections of active and passive devices
 - Verify Head End and Remote Configuration

Documentation & Reporting

- Generate detailed and accurate inspection reports as required by AHJ in a timely manner.
- Generate reports outlining deficiencies to be forwarded for corrective action.

Operational Requirements

- Work 90% overnight shifts (typical window: 3PM–1AM or similar).
- Occasionally work weekends as needed.
- Travel regionally as required. Per Diem and Lodging provided when applicable.
- Maintain professional communication with stakeholders.

Required NFPA Knowledge

The candidate must demonstrate working knowledge of:

- **ERCES and RF trunking theory**
- **Annual inspection and testing requirements**
- **Grid testing methodology**

Requested Certifications

One or more of the following certifications is strongly preferred:

- NICET In-Building Public Safety Communications (IB-PSC) (preferred)
- FCC General Radiotelephone Operator License (GROL) (Required to complete probationary period)

If NICET certification is not currently held, the candidate must be willing to obtain certification within 12–24 months.

Education Requirements

Public Safety RF & ERCES Compliance Tech 2ND SHIFT

- High school diploma or general education degree (GED) required.
- Preferred 3–5 years documented experience in:
 - ERCES systems
 - Public safety radio systems
 - RF systems or DAS environments

Technical Skill Requirements

- **Strong understanding of RF propagation principles**
- **Experience with DAS and BDA systems**
- **Proficiency with test equipment:**
 - **Spectrum analyzer**
 - **Signal level meters**
 - **RF sweep tools**
- **Ability to read blueprints and riser diagrams**

Physical Requirements

- Ability to climb ladders and access rooftops
- Lift and carry up to 50 lbs
- Work in mechanical rooms and tight spaces
- Extended periods of standing and walking during testing

Work Environment

This is a field-based role. Approximately 90% of work is conducted at night to accommodate building occupancy restrictions and minimize disruption to tenants and emergency communications systems.

All applicants must meet the below criteria for employment.

- Must pass a pre-employment background check & Drug Screen.
 - Multiple background investigations will be conducted by Federal, State, and local agencies to access controlled facilities.
- Must have a valid US Driver's license.