

RF/ERCES Field Technician — Public Safety Radio Systems (Monday-Friday/2ND SHIFT-Overnight)

Also known internally as: ERCES Inspection & Compliance Technician

Location: [Tampa, FL] | Schedule: 2nd SHIFT-Overnight, approx. 3 PM–11 PM/1 AM, ~90% of shifts

Position Summary

We're hiring a field technician to perform annual inspections, testing, documentation, and compliance verification of Emergency Responder Communication Enhancement Systems (ERCES) — the in-building public safety radio and wireless coverage systems (also known as in-building wireless/IBW, DAS, or BDA systems) required in commercial buildings. This role ensures systems meet all requirements set by the Authority Having Jurisdiction (AHJ), applicable NFPA codes, and FCC regulations.

This is primarily a 2ND SHIFT/overnight role — approximately 90% of shifts run 3 PM–11 PM (or similar), due to testing requirements, building occupancy constraints, and coordination with public safety agencies. We're looking for someone self-directed, technically sharp, and comfortable working independently during night hours.

What You'll Do

Annual Inspection & Testing

- Perform annual ERCES inspections in accordance with adopted local requirements
- Conduct approved system testing, including RF grid testing
- Perform visual inspections of installed systems
- Verify system configurations against design documentation

Documentation & Reporting

- Generate detailed, accurate inspection reports for customers in a timely manner
- Document and report deficiencies for corrective action

Operational Requirements

- Work overnight shifts (~90% of the time), typical window 3 PM–1 AM or similar
- Maintain clear, professional communication with building owners, AHJs, and other stakeholders

What You'll Bring

Required Knowledge

- Proficiency using Microsoft Word and generating certain reports.
- Working knowledge of ERCES and RF Trunking theory

- Understanding of annual inspection and testing requirements under NFPA codes
- Familiarity with grid testing methodology
- Understanding of RF propagation principles
- Experience with DAS and BDA systems

Certifications & Education

- High school diploma or GED required
- FCC General Radiotelephone Operator License (GROL) strongly preferred; required to complete probationary period if not already held.
- 2–3 years of documented experience in ERCES, public safety radio systems, RF systems, or DAS environments preferred

Technical Skills

- Proficiency with test equipment: spectrum analyzers, signal level meters, RF sweep tools
- Ability to read blueprints and RF/system design diagrams

Physical Requirements

- Ability to climb ladders and access rooftops
- Ability to lift and carry up to 50 lbs.
- Comfortable working in mechanical rooms and tight spaces
- Able to stand and walk for extended periods 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.

Additional Requirements

- Must pass a pre-employment background check and drug screen
- Must be eligible to pass multiple background investigations conducted by federal, state, and local agencies to access controlled facilities
- Must hold a valid U.S. driver's license