

Technician training

TECHNICIAN TRAINING & CERTIFICATION

1. Core Technical Competencies

- Fiber Optic Fundamentals: Understanding of single-mode/multi-mode fibers, light propagation, and attenuation factors.
- Splicing Excellence: Hands-on proficiency with fusion splicing machines, cleavers, and splice tray management.
- Testing & Measurement: Operational mastery of Optical Time-Domain Reflectometers (OTDR) and Optical Power Meters (OPM) for link validation.

2. Safety & Field Readiness Training

- Working at Heights: Mandatory safety certification for ladder handling, pole climbing, and proper usage of full-body fall harnesses.
- Electrical Hazard Awareness: Training on distinguishing telecom cables from power lines and managing high-voltage safety clearances.
- First Aid & Emergency Response: Basic life support protocols, emergency evacuation procedures, and field incident reporting.

3. Post-Training Evaluation

- Practical Assessment: Timed field simulation of fiber cutting, splicing, and enclosure sealing to industry standards.
 - Theoretical Examination: Written or digital test covering troubleshooting flows, safety codes, and corporate deployment specifications.
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