



BYVERTEK

QA/QC INSPECTOR

JOB SUMMARY

Responsible for reviewing and evaluating Fiber-to-the-Home (FTTH) construction projects, including: using the plan design against new build, span and drop replacements (if needed), risers, aerial installations, bonding and grounding of the strand (messenger), proper installation of any fiber-optic cable, splice cases and cabinets, splitters and XWDM(Wavelength Division Multiplexing), underground installations (bores, vaults, and trenches)and MDU lockbox replacements.

MAJOR DUTIES AND RESPONSIBILITIES

- Before work begins, perform site surveys of as-built and proposed projects and complete associated red-line documentation to guarantee that the work to be done is doable.
- Perform construction inspections for quality control in accordance with customer's Technical Quality Assurance (TQA) standards.
- Maintain accurate records.
- Verify that property restoral is consistent with customer's standard practice.
- Operate test equipment as needed to verify optical and RF power levels are set as designed.
- Document (in still image and/or video) that aerial construction, underground vaults and cabinets have been built and installed as specified by customer.
- Prepare work orders to resolve any element in the plant that does not meet Spec.
- Communicate with Project Manager or designated Supervisor regarding concerns about construction progress.

- Ability to work weekends or a second shift as the business needs dictate.
- Perform emergency locates as necessary.
- Adhere to industry specific local, state, and federal regulations, as applicable.
- Know, understand and follow company policies.
- Perform other duties as requested by supervisor.

REQUIRED QUALIFICATIONS

- Five (5) years of experience in the construction, maintenance, and repair of the outside plant (OSP) that supports telecommunications services (Telephone, CATV, and High-Speed Internet)
- Working knowledge of safe construction practices used in building aerial and underground communications networks
- Demonstrated problem solving and analytical thinking skills
- Knowledge of N.E.C and N.E.S. C. for communications for outside plant and construction practice and inside and around buildings.



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- Ability to read, write and speak the English language to communicate with employees, customers, and suppliers, in person, on the phone, and by written communications in a clear, straight forward, and professional manner
- Ability to use the following hand tools: electric drills, hammers, wrenches, screwdrivers
- Ability to walk over all types of terrain in all kinds of weather while carrying tools and equipment, including ladders, and tool belts
- Ability to safely use weight-bearing equipment (such as safety harness and ladders) within the maximum weight limitations of that equipment
- Ability to accurately measure distances, using tapes or other measuring devices
- Ability to take and produce clear and sharp photographic and video documentation of work performed in the field
- Ability to carry, climb and operate extension ladder, (approx. 32 ft. high and 50pounds)
- Ability to differentiate between different sizes and colors of wires
- Ability to read general system layouts from blueprints and system maps
- Ability to operate appropriate computer or test equipment associated with position (e.g. signal level meters, ohm meters, etc.)
- Ability to perform job from high places (i.e. poles, ladders, and roofs)
- Ability to work while standing 50-70% of the time
- Ability to operate machinery used for underground/overhead cable installation
- Knowledge of basic mathematics and electronics
- Knowledge of company products and services
- Knowledge of National Electric Code and National Electrical Safety Code

EDUCATION

- High School Diploma or equivalent work experience
- Industry and vendor specific certifications and training (NCTI, SCTE, BCT/E) preferred
- 5+ Years of related work experience
- Maintenance Technician or equivalent work experience 1+
- Construction work experience preferred
- Certifications and/or Licenses
- Valid driver's license with satisfactory driving record within company required standards

WORK ENVIRONMENT

- Office and field environment
- May need to work in a confined space, poorly ventilated areas such as attics, basements, crawlspaces and/or manholes
- May be exposed to dust, dirt, noise, insects, rodents, pets, and cleaning solutions
- Work outdoors in all kinds of weather and at all times of the day or night
- Work performed may be near power lines and electricity
- Work performed may be at various heights above ground on telephone/power poles
- Work in multiple-dwelling buildings



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EEOC STATEMENT

We are committed to providing equal employment opportunities to all persons regardless of race, color, ancestry, citizenship, national origin, religion, veteran status, disability, genetic characteristic or information, age, gender, sexual orientation, gender identity, marital status, family status, pregnancy, or other legally protected status (collectively, "protected statuses"). We do not tolerate unlawful discrimination in any employment decisions, including recruiting, hiring, compensation, promotion, benefits, discipline, termination, job assignments or training.

DISCLAIMER

The above job definition information has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees assigned to this job. Job duties and responsibilities are subject to change based on changing business needs and conditions.