Electrical Engineer – Power Test (Entry-Level Opportunity w/ Mentorship)

United States · Full-time · **$75k–80k**

Electrical Engineer – Power Test (Entry-Level Opportunity w/ Mentorship)
Location: 20 miles southwest of Pittsburgh, PA
Salary: $75,000 - $80,000 + Weekend Pay (1-2X per Month) + Annual Bonus Potential + Benefits
Benefits: Medical, Dental, Vision, Life, Disability, 401K w/ Match, PTO
Job Type: Full-Time
Core Hours: M-F, 8am-5pm Flexible + Some Extended Weekday Hrs. + Weekends 1-2X/Mth. (Bonus Pay)
Start Date: ASAP
Sponsorship: Not available
Relocation Assistance: Available

Electrical Engineer – Power Test (Entry-Level Opportunity w/ Mentorship) Description

Our client in the power transformer manufacturing industry is looking for an **Electrical Engineer – Power Test** to join their team near Pittsburgh, PA. In this role, you will gain hands-on experience testing high-voltage power transformers in a manufacturing environment, with approximately 50% of your time spent performing electrical testing and 50% analyzing results, preparing reports, and troubleshooting issues. The ideal candidate will have a bachelor's degree in **Electrical Engineering** or a related discipline, a solid understanding of electrical engineering principles, and an interest in hands-on technical work. To be successful, you must have strong troubleshooting and problem-solving skills, attention to detail, and an eagerness to learn. **This is an exciting opportunity to launch your engineering career in an essential industry while developing highly sought-after technical skills**. You will receive hands-on training and mentorship from seasoned professionals in a supportive, team-oriented environment, with opportunities for long-term career growth.

Electrical Engineer – Power Test (Entry-Level Opportunity w/ Mentorship) Responsibilities

- Support high-voltage testing under the supervision of experienced team members
- Set up and operate specialized electrical testing equipment following established procedures
- Analyze test results and verify compliance with applicable industry and quality standards
- Prepare accurate test reports, perform calculations, and maintain testing documentation
- Identify testing failures, troubleshoot issues, and assist with root cause analysis
- Collaborate with Engineering and Production teams to resolve issues and improve quality
- Collect transformer oil samples and assist with diagnostic analysis
- Support test equipment calibration, maintenance, and continuous improvement initiatives
- Follow established high-voltage safety procedures and maintain a safe work environment
- Participate in hands-on training and mentorship to develop advanced transformer testing skills

Electrical Engineer – Power Test (Entry-Level Opportunity w/ Mentorship) Qualifications

- Bachelor's degree in Electrical Engineering or a similar engineering degree is required
- Ability to read electrical schematics, wiring diagrams and engineering drawings is required

- Solid understanding of electrical engineering principles and practices is required
- Strong troubleshooting, analytical, and problem-solving skills are required
- Comfortable working at heights and standing for extended periods is required
- Occasionally work extended weekday hours and weekends (paid) as needed is required

Apply: https://twonice.hire.trakstar.com/jobs/fk0zaj7/?apply=true

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