Power Transformer Technical Engineering Manager - Remote

Remote · US · Full-time · **$130k–157k**

Power Transformer Technical Engineering Manager (Liquid-Filled 69kV+ Exp Req) – REMOTE
Location: Remote
Salary: $130,000 - $157,000 + Annual Bonus + Benefits
Benefits: Medical, Dental, Vision, Life, Disability, 401K with Match, PTO, Travel Per Diem
Core Office Hours: Monday-Friday, 8am-4pm / 9am-5pm Flexible
Job Type: Full-Time
Start Date: January 2027, Flexible for Earlier
Sponsorship: Not Available
Relocation Assistance: Not Available
Travel: 30%-50% to Field Locations, Production Facilities & Trade Shows

Power Transformer Technical Engineering Manager (Liquid-Filled 69kV+ Exp Req) Description

Our client in the power transformer manufacturing and field services industry is looking for a **Power Transformer Technical Engineering Manager** to add to their team. In this role, you will serve as the technical advisor for field operations involving medium, large, and ultra-high voltage power transformers, providing engineering support, interpreting test results, and troubleshooting equipment issues. The ideal candidate has a **background in utility substation engineering, maintenance, or transformer testing with strong experience supporting liquid-filled power transformers rated 69kV and above**. To be successful, you must have a thorough understanding of transformer diagnostics and IEEE standards, and the ability to provide clear technical direction to field crews, customers, and production teams. This is a great opportunity to join an established power transformer manufacturer backed by a leading infrastructure services organization, with a flexible remote schedule, technical leadership responsibilities, and exposure to complex high-voltage power transformer projects.

Power Transformer Technical Engineering Manager (Liquid-Filled 69kV+ Exp Req) Responsibilities

- Direct field crews on transformer installation, assembly, testing, and commissioning
- Serve as the technical liaison between field crews, utility customers, and manufacturing facilities
- Provide remote and onsite engineering support to field crews across multiple project locations
- Interpret transformer test results, including Doble, DGA, winding resistance, and SFRA
- Review and approve transformer testing reports before customer release
- Troubleshoot transformer failures, identify root causes, and recommend corrective actions
- Assess transformer performance against IEEE standards and manufacturer specifications
- Support factory teams with field defects, quality issues, and technical resolutions
- Oversee critical field processes, including vacuum processing, oil filling, and acceptance testing
- Provide technical consulting on transformer condition assessments and life-extension strategies
- Train and mentor field technicians and project managers on transformer testing and standards
- Represent the company at industry conferences, technical meetings, and customer events

Power Transformer Technical Engineering Manager (Liquid-Filled 69kV+ Exp Req) Qualifications

- Bachelor’s degree in Electrical Engineering is preferred
- **Liquid-filled power transformers (69 kV and above)** technical experience is required
- Experience **interpreting transformer diagnostic test results** (Doble & DGA) is required
- Strong working knowledge of applicable **IEEE C57-series transformer standards** is required
- Ability to provide after-hours technical support and serve as an escalation point is required
- Valid driver's license and ability to travel 30%-50% are required

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