



<b>Title:</b>	Breaker Technician
<b>Department:</b>	Field Operations
<b>Reports to:</b>	Breaker Field Engineer
<b>Employee:</b>	

### Job Summary

Under the direction of the Field Engineer and with safety, efficiency, and customer service a priority, the Breaker Technician is responsible for supervising and performing mechanical & electrical operational tests to verify complete and accurate testing and repair of Medium and Low Voltage Breakers and associated protection relays.

### HSE&Q

- Ensure compliance with the Zadok Code of Conduct
- Work in a safe and positive manner at all times
- Participate in meetings in a proactive and constructive manner

### Qualifications

- High school diploma or equivalent
- 5+ year's industry experience
- Working knowledge of HSE practices common to the industry and the company
- Ability to handle multiple tasks on a daily basis
- Proficient in reading and interpreting electrical drawings, symbols and systems
- Excellent understanding of basic electrical circuitry for AC and DC, and troubleshoot issues without direct guidance
- Ability to work in a team environment and be a team player
- Flexible, detail-oriented, and ability to multi-task

<b>Owner:</b> Scott FitzGerald		<b>Approver:</b> Brian Cook	
<b>Document Number:</b> ZTI-JDOPS-15	<b>Revision:</b> 0	<b>Date Approved:</b> 01-JAN-2016	
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<b>Expectations</b>
<ul style="list-style-type: none"> <li>• Strive to produce a safe, economic and efficient operation</li> <li>• Never put performance ahead of safety</li> <li>• Be visible and accountable</li> </ul>

<b>Job Specifics</b>
<ul style="list-style-type: none"> <li>• Troubleshoot wiring issues and have ability to correct errors or direct others in correction</li> <li>• Verify control circuits are wired correctly per engineered drawings</li> <li>• Perform installation, commissioning, testing and maintenance of protective relaying equipment</li> <li>• Perform end-to-end relay testing using Doble ProTest software or Protection Suite</li> <li>• Perform function testing of control circuits on relay panel, transformers &amp; circuit breaker change-outs</li> <li>• Test both electro-mechanical and solid state relays</li> <li>• Troubleshoot, rebuild, retrofit, test, and repair low-, medium-, and high-voltage switchgear to include the teardown and assembly of breakers, contactors, and related switchgear and electrical apparatus</li> <li>• Troubleshoot and repair automatic transfer switches</li> <li>• Perform cable testing - Tan Delta, Power Factor, VLF, DC Hipot</li> <li>• Resolve any technical issues and provide inspection criteria for same</li> <li>• Identify parts and material needed for project</li> <li>• Ensure proper tools and techniques are used and followed respectively</li> <li>• Provide daily status updates to Project Manager</li> <li>• Participate in the development of newly appointed team members</li> </ul>

<b>Approval Signatures</b>			
<b>Employee:</b>		<b>Date:</b>	
<b>Manager:</b>		<b>Date:</b>	

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